DATE 02/14/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025530

APPLICANT JOHN O'NEAL PHONE 752-7578

ADDRESS P.O. BOX 3505 LAKE CITY FL 32056

OWNER EVANGEL CHURCH OF GOD PHONE 386 303-2429

ADDRESS 370 SW MONITER GLENN LAKE CITY FL 32025

CONTRACTOR O'NEAL CONTRACTING PHONE 752-7578

LOCATION OF PROPERTY 90W,TL ON SISTER'S WELCOME RD, TR ON MONITOR GLEN, FOLLOW TO DEAD END

TYPE DEVELOPMENT ADDITION TO CHURCH ESTIMATED COST OF CONSTRUCTION 150000.00

HEATED FLOOR AREA 2400.00 TOTAL AREA 2400.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT

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 12-4S-16-02940-002 SUBDIVISION

LOT BLOCK PHASE UNIT 0 TOTAL ACRES

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC057550	John as Ofc

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	06-0919-E	BK	JH	N

COMMENTS: ONE FOOT ABOVE THE ROAD,

Check # or Cash 13776

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 $ 750.00 CERTIFICATION FEE $ 12.00 SURCHARGE FEE $ 12.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 849.00

INSPECTORS OFFICE _____ CLERKS OFFICE MSG

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

For Office Use Only Application # 0612-40 Date Received 12-12-06 By LH Permit # 26530

Application Approved by - Zoning Official BLK Date 12/12/06 Plans Examiner OK JTH Date 2-9-07

Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den.

Comments NOC OK H 13776 288-8400 John O'Neal

Applicants Name O'NEAL CONTRACTING, INC. Phone 386-752-7578

Address P.O. BOX 3505 - LAKE CITY, FLORIDA 32056

Owners Name EVANGEL CHURCH OF GOD Phone 386-303 2429

911 Address 370 S.W. MONITOR GLEN - LAKE CITY, FLORIDA 32024

Contractors Name O'NEAL CONTRACTING, INC. Phone 386-752-7578

Address P.O. BOX 3505 - LAKE CITY, FLORIDA 32056

Fee Simple Owner Name & Address EVANGEL CHURCH OF GOD - 370 S.W. MONITOR GLEN - LAKE CITY, FL

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address NICHOLS P. GEISLER - 1758 NW BROWN RD. - LAKE CITY, FL 32055

Mortgage Lenders Name & Address N/A

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

Property ID Number 12-4S-16-02940-002-02 Estimated Cost of Construction 150,000.00

Subdivision Name N/A Lot ____ Block ____ Unit ____ Phase ____

Driving Directions U.S. 90 WEST TO SISTER'S WELCOME RD. - TURN LEFT - GO APPROXIMATELY 2 MILES - TURN RIGHT ON MONITOR GLEN - FOLLOW TO DEAD END.

Type of Construction Add. MASONRY Church Number of Existing Dwellings on Property ONE

Total Acreage 12.52 Lot Size N/A Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 320 ✓ Side 210 ✓ Side 126 ✓ Rear 730 ✓

Total Building Height 20 FT. Number of Stories ONE Heated Floor Area 2400 Roof Pitch 6 / 12

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

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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.

John W. O'Neal
Owner Builder or Agent (Including Contractor)

John W. O'Neal
Contractor Signature

Contractors License Number CBC057550

Competency Card Number

NOTARY STAMP/SEAL

Teresa Horne
MY COMMISSION # DD241629 EXPIRES
October 25, 2007
BONDED THRU TROY FAIN INSURANCE, INC.

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 12th day of December 2006.

Personally known ✓ or Produced Identification ____

Teresa Horne
Notary Signature

COPY

CHURCH OF GOD WARRANTY DEED

State of Florida §
Columbia County §

KNOW ALL MEN BY THESE PRESENTS,

That, for and in consideration of the sum of $ 10.00 cash, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and in hand paid to grantors by the grantees named in this conveyance, We, **Herbert H. Tart, William C. Cobb** and **Jerry L. Yates** as trustees and constituting the local Board of Trustees of the **Westview Church of God**, the said grantors do GRANT, BARGAIN, SELL and CONVEY unto grantees, **Julia F. Byrd, Bill Hunt** and **Allan R. Gunter,** as Trustees, and constituting the Local Board of Trustees of the **Evangel Church of God** at Lake City, in Columbia County, Florida, the following described lands lying, being and situated in Columbia County, Florida, described as follows, viz:

TOWNSHIP 4 SOUTH – RANGE 16 EAST

Section 12: Commence at the intersection of the North line of the SW¼ of Section 12, Township 4 South, Range 16 East, Columbia County, Florida, and the Easterly right-of-way line of State Road No. 93 (Interstate No 75) and run thence S 24° 47', 08" E, along said Easterly right of way line, 1045.70 feet to the POINT OF BEGINNING; thence N 87° , 33', 08" E, parallel to said North line, 317.96 feet; thence N 02°, 21', 48" W. 320.19 feet; thence N 87° , 33', 08" E, Parallel to said North line 286.71 feet; thence S 11°, 52', 21" E, 1128.88 feet; thence, S 87°, 46', 53" W, 464.73 feet to said East right-of-way line; thence N 24°, 47', 08" W. Along said Easterly right-of-way line, 855.80 feet to the POINT OF BEGINNING, containing 12.52 acres, more or less.

TOGETHER WITH AN EASEMENT for ingress and egress 30 feet on either side of and adjacent to the following described centerline: Commence at the intersection of the North line of the Southwest ¼ of Section 12, Township 4 South, Range 16 East, Columbia County, Florida, and the Easterly right-of-way line of State Road No. 93 (Interstate 75) and thence S 24°47'08" E, along said Easterly right-of-way line 699.53 feet; thence N 87°33'08"E, parallel to said North line 736.71 feet; thence S 11°52'21": E, 1159.31 feet to the POINT OF BEGINNING of said easement; thence S 87°46'53" W, 11.72 feet to the point of curvature of a curve to the right have a radius of 130.29 feet and a central angle of 80°20'48"; thence Westerly and Northerly along the arc of said curve 182.71 feet; thence N 11°32;21": W,860.00 feet to the termination

Inst:200601126 Date:05/08/2006 Time:10:55
Doc Stamp-Deed : 0.70
J. K. DC,P.DeWitt Cason,Columbia County B:1082 P:2690

point of said easement.

TOGETHER WITH ANOTHER EASEMENT for ingress and egress 30 feet on either side of and adjacent to the following described centerline: Commence at the intersection of the North line of the Southwest ¼ of Section 12, Township 4 South, Range 16 East, Columbia County, Florida, and the Easterly right-of-way line of State Road No. 93 (Interstate 75) and thence S 24°47'08" E, along said right-of-way line 699.53 feet; thence N 87°33'08"E, parallel to said North line 736.71 feet; thence S 11°52'21": E, 1159.31 feet to the POINT OF BEGINNING of said easement; thence N 87°46'53" E, 774.13 feet to the Westerly right-of-way line of C-341 (Sisters Welcome Road) and the termination point of said easement.

TO HAVE AND TO HOLD unto the said **Julia F. Byrd, Bill Hunt and Allan R. Gunter**, as Trustees and constituting the Local Board of Trustees of the **Evangel Church of God** at Lake City, in Columbia County, Florida, and to their successors in trust; for the exclusive use and benefit of the Church of God, Cleveland, Tennessee.

The said Local Board of Trustees shall hold title to, manage and control the said real estate for the general use and benefit of the Church of God, having its general headquarters in Cleveland, Tennessee, and for the particular use and benefit of the local congregation of the said Evangel Church of God at Lake City, in Columbia County, Florida.

The said Local Board of Trustees shall have full right, power and authority to sell, exchange, transfer and convey said property or to borrow money and pledge the said real estate for the repayment of the same and to execute all necessary deeds, conveyances and so forth, provided the proposition shall first be presented to a regular or called conference, of the said local church, presided over and approved by the state or territorial overseer of the Church of God (Cleveland, Tennessee), or one whom he may appoint, and the project approved by two-thirds of all members of the said local congregation present and voting. Certification is to be given in writing by the state/territorial overseer that this transaction is in the best interest of the Church of God (Cleveland, Tennessee), provided that he approves such action.

If the local congregation at the place above described shall at any time cease to function, or exist, or act contrary to Church of God polity, or separate from the Church of God (Cleveland, Tennessee), then said trustees shall hold title to said real estate including personal property for the Church of God (Cleveland, Tennessee) generally in the state where said real estate is located; and said trustees shall convey the said real estate upon demand to the State Board of Trustees of the Church of God (Cleveland, Tennessee) in said state, which said state board shall be authorized to either use said real estate and personal property, or the proceeds derived from the

sale of same (said state board being authorized to sell and convey the said real estate and personal property at any time after title is vested in it), for the use and benefit of the Church of God (Cleveland, Tennessee) in that state generally; or the founding of another Church of God (Cleveland, Tennessee) in the same state, or for the promotion of one already existing.

If at any time the Local Board of Trustees shall cease to exist or to perform its duties for any reason, then the state overseer of the state in which said real estate is located shall have the right to declare all offices on the said board vacant, and the State Board of Trustees of the Church of God for that state shall automatically then hold title to said property as evidenced by an appropriate instrument filed in the local county register of deeds.

The limitations set forth herein are those appearing in the *Minutes of the General Assembly of the Church of God* most currently in effect and said *Minutes* are expressly incorporated herein by reference.

And Grantors do, for their heirs, executors and administrators, covenant with the said **Julia F. Byrd, Bill Hunt,** and **Allan R. Gunter**, as Trustees, and constituting the Local Board of Trustees of the Evangel Church of God at Lake City in Columbia County, Florida, their successors in trust for the exclusive use and benefit of the Church of God, Cleveland, Tennessee, and assigns, that they lawfully seized in fee simple of said premises; that they are free from all encumbrances; and that they have a good right to sell and convey the same as aforesaid, that they will, and their heirs, executors and administrators shall warrant and defend the same to the said **Julia F. Byrd, Bill Hunt,** and **Allan R. Gunter**, as Trustees, and constituting the Local Board of Trustees of the Evangel Church of God at Lake City in Columbia County, Florida, their successors in trust for the exclusive use and benefit of the Church of God, Cleveland, Tennessee, and assigns forever, against the lawful claims of all persons.

In witness whereof we have hereunto set our hand(s) and seal(s), on this the 30th day of April, 2006.

Witness to signatures:

Herbert H. Tart (Seal)
Herbert H. Tart

William C. Cobb (Seal)
William C. Cobb

Jerry L. Yates (Seal)
Jerry L. Yates

Inst:200601126 Date:05/08/2006 Time:10:55
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1082 P:2692

State of Florida §

County of Columbia §

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgments, and personally appeared **Herbert H. Tart, William C. Cobb** and **Jerry L. Yates** to me known to be the persons described in and who executed the foregoing instrument, and they acknowledged before me the execution of the same.

Witness my hand and official seal in the County and State last aforesaid this 30th Day of April, 2006.

Brenda Brown

Notary Public, State of Florida

My commission expires: 12-8-08

BRENDA BROWN
MY COMMISSION # DD 376547
EXPIRES: December 2, 2008
Bonded Thru Notary Public Underwriters

Inst:2006011126 Date:05/08/2006 Time:10:55
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1082 P:2693

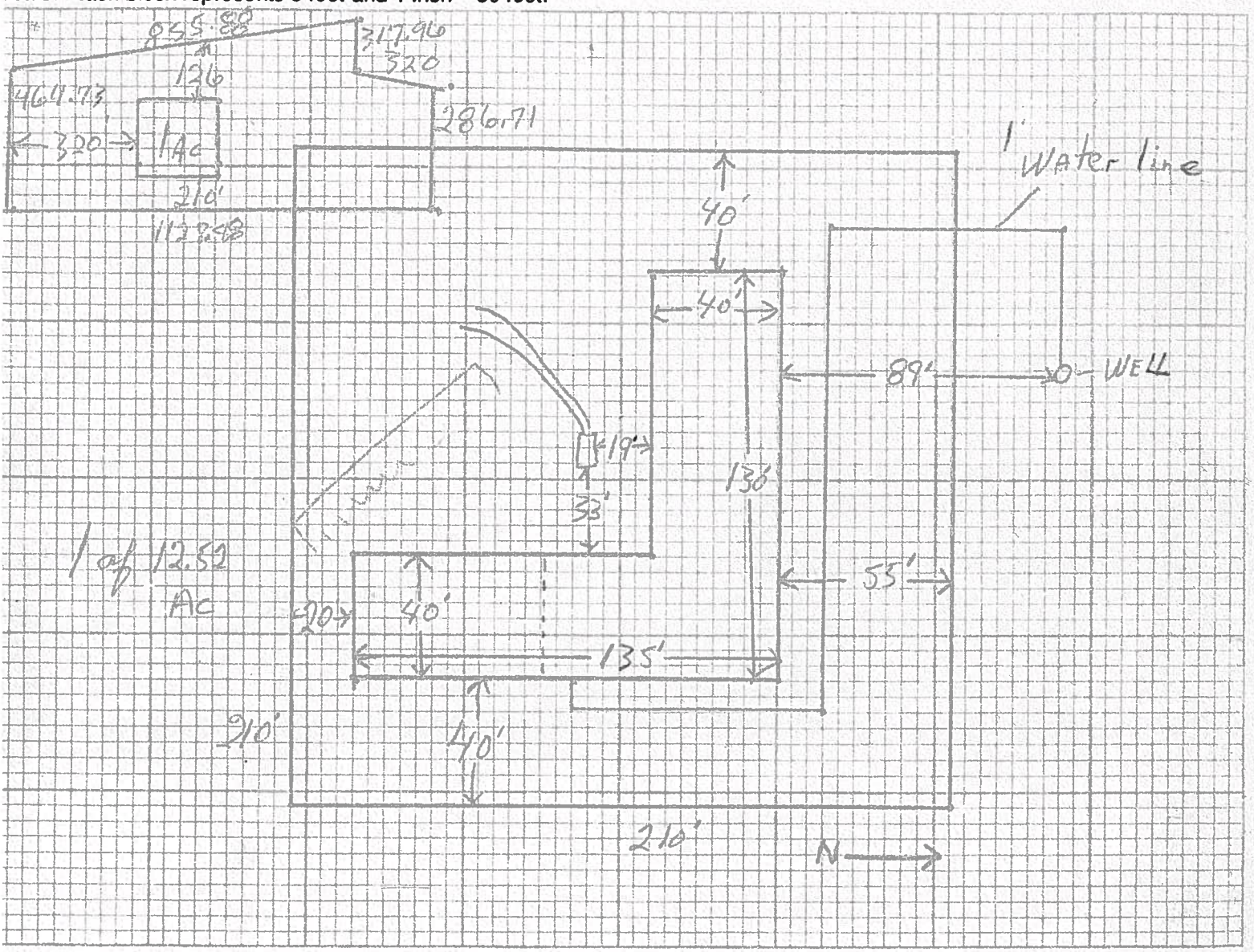
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 01-0919E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: Owner - Evangel Church of God
Type of - Church
Agent - John R. Hathaway, Pastor

Site Plan submitted by: John R Hathaway (Signature) PASTOR (Title)

Plan Approved X Not Approved _____ Date 10-12-06

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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

November 1, 2006

Evangel Church of God
141 SW Arrowhead Terrace
Lake City, Florida 32025
Attention: Mr. John Hathaway

Reference: Proposed Church Addition
370 SW monitor Glen
Lake City, Florida
Cal-Tech Project No. 06-609

Dear Mr. Hathaway,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation for the proposed addition at the above referenced location. Our work was performed in conjunction with and authorized by you.

Introduction

We understand that an addition will be constructed at the existing church facility. The new structure will be of concrete block construction, with a plan area of approximately 2,400 square feet. Support for the structure is to be provided by conventional, shallow spread footings. We understand that the design bearing pressure for the foundations is 1,500 pounds per square foot (psf). Detailed foundation loads have not been provided; however, we assume column and wall loads will not exceed 20 kips and 2.0 kips per foot, respectively.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 1,500 psf and to present recommendations for foundation design and construction.

Site Investigation

The subsurface conditions were investigated by performing four (4) Standard Penetration Test borings advanced to a depth of 10 feet. The borings were performed at the approximate locations indicated on the attached Report of Soil Borings, and were performed in the field at stakes placed by the client.

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 as the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The borings initially encountered loose to medium dense slightly silty to silty fine sands (SM) to a depth of one to four feet. This was underlain by very loose to medium dense fine sands to the termination depth of ten feet in Borings B-3 and B-4 but only to a depth of about 7 feet in Borings B-1 and B-2. These borings terminated in medium dense clayey fine sands (SC).

Ground water was not encountered in any of the borings to a depth of ten feet.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Report of Soil Borings. Note that the transition between soil layers may be gradual and not abrupt as indicated by the logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

The site soils appear to be very loose to loose to a depth of about four feet in Borings B-3 and B-4. Based upon these findings, moderate site improvement should be performed; however, it is our opinion the site soils are suitable to provide support for the addition using conventional, shallow spread footings. We concur that the foundations may be sized using a maximum soil bearing pressure of 1,500 psf; however, we recommend foundations 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 bottoms of foundations should be embedded a minimum of 18 inches below the lowest adjacent grade (finished surface grade, for example).

We recommend that the surface topsoil first be removed from the building areas. Then, due to the generally loose condition of the immediate bearing soils in some areas of the site, we believe it would be beneficial to proof-roll and then proof-compact the bearing soils in all foundation and floor slab areas. These bearing soils should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of at least 2 feet. Compaction of the bearing soils will reduce settling of the foundations and thereby reduce the likelihood of distress in the structure.

Our evaluation is based upon subsurface conditions encountered at this site and as presented within this report. However, subsurface conditions may exist that differ from our findings. We request that we be notified if substantially different subsurface conditions are encountered.

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 further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer, CEO, DBE

Linda Creamer
President / CEO

Robert W Clark

Robert W. Clark, P.E. 11/1/06
Geotechnical Engineer
Registered Florida No. 52210

B-1

Water Table: N/A

Depth (ft)	N	Soil Description
0 ft		
		Light Greyish Tan, Silty, Fine Sand (SM)
	14	Medium Dense, Greyish Tan, Slightly Silty,
	21	P)
5 ft	20	Medium Dense, Light Greyish Tan, Fine Sar
	17	Medium Dense, Light Grey, Fine Sand (SP)
	26	Medium Dense, White, Fine Sand (SP)
	27	Medium Dense, Light Tan and Orange, Sligt Sand (SC)
10 ft		TOB

B-4

Water Table: N/A

Depth (ft)	N	Soil Description
0 ft		
		Greyish Tan, Very Silty, Fine Sand (SM)
	7	
	3	Loose to Very Loose, Tan, Fine Sand (SP)
5 ft	3	
	10	Loose, Tan and Orange, Fine Sand (SP)
	18	Medium Dense, Light Grey and Orange, Fin
	21	Medium Dense, White, Fine Sand (SP)
10 ft		TOB

ENGINEERING CLASSIFICATION

GRANULAR MATERIALS-

Relative Density	SPT (Blows/12 inches)
Very Loose	Less than 4
Loose	4-10
Medium Dense	11-30
Dense	31-50
Very Dense	Greater than 50

SILTS AND CLAYS-

Consistency	SPT (Blows/12 inches)
Very Soft	Less than 2
Soft	2-4
Medium Stiff	5-8
Stiff	9-15
Very Stiff	16-30
Hard	Greater than 30

LEGEND:

TOB	Termination of Boring
GSE	Ground Surface Elevation
▽	Ground Water at Time of Drilling
V	Wet Season Water Table
N	Standard Penetration Resistance in Blows Per 12 inches (18- inch Spoon, ASTM D-1586)
WOR	Weight of Rod
WOH	Weight of Hammer
MC	Moisture Content (%)
OC	Organic Content (%)
-200	Percent Passing No. 200 U.S. Standard Sieve
LL	Liquid Limit
PI	Plasticity Index
(SP)	Unified Soil Classification Based on Visual Observation and Laboratory Tests

SAND | SILTY SAND

SAND with SILT | S EY

SAND with CLAY | SAND CLAY

CLAY | LIMESTONE

MARL | ORGANICS

REVISIONS						ON GOD	REPORT OF SOIL BORINGS	SHEET NO. 1 of 1
DATE	BY	DESCRIPTION	DATE	BY	DE	ROJECT I.D.		

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

EnergyGauge FlaCom v 2.11 FORM 400B-2004
Envelope Trade-Off Compliance for Commercial Buildings

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

Short Desc: New Prj
Owner: -
Address: -
-
City: LAKE CITY
State: FL
Zip: 0

Project: ADD'N TO CHURCH OF GOD

PermitNo: 0 25530
Storeys: 1

Type: Religious Building
Class: Addition to existing Building

***Conditioned Area:** 2400
***Cond + UnCond Area:** 2400

* denotes lighted area. Does not include wall crosection areas

Max Tonnage: 5.0 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
ENVELOPE	898.40	920.30	**PASSES**
LIGHTING POWER	960.00	2,160.00	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**None Entered**
PIPING SYSTEMS			**None Entered**
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:

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

PREPARED BY: WILL MYERS DESIGN

DATE: 8.29.06

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 :	**NICHOLAS GEISLER**	AR 7005
ELECTRICAL SYSTEM DESIGNER		29 Aug. 2006
LIGHTING SYSTEM DESIGNER:		
MECHANICAL SYSTEM DESIGNER:		
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: New Prj
Title: ADD'N TO CHURCH OF GOD
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Envelope Compliance

Zone	Design Load Heating	Design Load Cooling	Criteria Heating	Criteria Cooling
Building	429.80	468.60	440.60	479.70

Total Loads: Design =898.4 Criteria =920.3 **PASSES**

Project: New Prj
Title: ADD'N TO CHURCH OF GOD
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Building exit	20.00	6.0	120	60

Design: 120 (W)
Allowance: 120 (W)

PASSES

Project: New Prj
Title: ADD'N TO CHURCH OF GOD
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Lighting Power Compliance

Space	Ashrae ID	Description	Area (sq.ft)	Height (ft)	No. of Spaces	Design (W)	Effective (W)	Allowance (W)
Pr0Zo1Sp1	24,00:	Fellowship Hall	2,400	8.0	1	960	960	2,160

Design : 960 (W)
Effective: 960 (W)
Allowance: 2160 (W)

PASSES

Project: New Prj
Title: ADD'N TO CHURCH OF GOD
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	,002	Fellowship Hall	2,400	1	2	1	PASSES

PASSES

Project: New Prj
Title: ADD'N TO CHURCH OF GOD
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1 System 1 — Constant Volume Air Cooled Split System < 65000 Btu/hr — No. of Units 3

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		14.00	10.00	8.00		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	Compliance

None

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance

None

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: New Prj
Title: ADD'N TO CHURCH OF GOD
Type: Religious Building
(WEA File: JACKSONVILLE.T

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?	☐

EnergyGauge FlaCom v 2.11

INPUT DATA REPORT

Project Information

Project Name: New Prj
Project Title: ADD'N TO CHURCH OF GOD
Address: -
-
State: FL
Zip: 0
Owner: -

Orientation: North
Building Type: Religious Building
Building Classification: Addition to existing Building
No.of Storeys: 1
GrossArea: 2400

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]
1	Pr0Zo1	Zone 1	CONDITIONED	2400.0	1	2400.0

Spaces

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

In Zone: Pr0Zo1										
1	Pr0Zo1Sp1	Zo0Sp1	Fellowship Hall	60.00	40.00	8.00	1	2400.0	19200.0	☐

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	Compact Fluorescent	General Lighting	12	80	960	Manual On/Off	2	☐

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/3/4"ISO BTWN24"oc/5/8 Gyp	60.00	8.00	1	480.0	North	0.2642	9.6960	62.72	3.79	☐
2	Pr0Zo1Wa2	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	40.00	8.00	1	320.0	West	0.2642	9.6960	62.72	3.79	☐
3	Pr0Zo1Wa3	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	60.00	8.00	1	480.0	South	0.2642	9.6960	62.72	3.79	☐
4	Pr0Zo1Wa4	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	40.00	8.00	1	320.0	East	0.2642	9.6960	62.72	3.79	☐

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	5.00	2	30.0	☐
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Wi1	User Defined	No	1.2500	0.82	0.76	3.00	5.00	2	30.0	☐

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: Pr0Zo1Wa2												
1	Pr0Zo1Wa2Dr1	Panel with 1-1/8" panels	No	3.00	6.70	1	20.1	0.5834	0.00	0.00	1.71	☐
In Wall: Pr0Zo1Wa3												
1	Pr0Zo1Wa3Dr1	Panel with 1-1/8" panels	No	3.00	6.70	1	20.1	0.5834	0.00	0.00	1.71	☐
In Wall: Pr0Zo1Wa4												
1	Pr0Zo1Wa4Dr1	Panel with 1-1/8" panels	No	6.00	6.70	1	40.2	0.5834	0.00	0.00	1.71	☐

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/9" Batt/Gyp Brd	22.33	60.00	1	1339.8	26.00	0.0320	1.50	8.22	31.24	☐
2	Pr0Zo1Rf2	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	22.33	60.00	1	1339.8	26.00	0.0320	1.50	8.22	31.24	☐

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]	Multiplier	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	40.00	60.00	1	2400.0	0.5987	9.33	140.00	1.67

Systems

Pr0Sy1	System 1	Constant Volume Air Cooled Split System < 65000 Btu/hr	No. Of Units 3

Component	Category	Capacity	Efficiency	IPLV
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	60000.00	14.00	8.00
2	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	2000.00	0.80	

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV

Water Heaters

W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss

Ext-Lighting

	Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]
1	Ext Light 1	Building exit	2	60	6.00	Photo Sensor control	120.00

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]	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]	
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					☐
105	Matl105	CONC BLK HW, 8IN, HOLLOW	No	1.1002	0.6667	0.6060	69.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	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]	
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/3/4"ISO BTWN24"oc/5/8 Gyp	No	No	0.26	9.70	62.72	3.7856

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	105	CONC BLK HW, 8IN, HOLLOW	0.6667	0.00
2	269	.75" ISO BTWN24" oc	0.0625	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]
1026	Panel with 1-1/8" panels	No	Yes	0.58			1.7141

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	277	Panel with 1-1/8" panels (1.75")		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]
1038	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	No	No	0.03	1.50	8.22	31.2351

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	12	3 in. Insulation	0.2500	0.00
4	23	6 in. Insulation	0.5000	0.00
5	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00

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:
EVANGEL CHURCH OF GOD
370 SW MONITOR GLEN
LAKE CITY, FL 32024

PERMIT NUMBER: ERP06-0556
DATE ISSUED: 10/17/2006
DATE EXPIRES: 10/17/2009
COUNTY: COLUMBIA
TRS: S12/T4S/R16E

PROJECT: EVANGEL CHURCH OF GOD

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

EVANGEL CHURCH OF GOD
370 SW MONITOR GLEN
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:

Construction and operation of a additional 0.055 acres of impervious surface on a total project area of 0.25 acres in a manner consistent with the application package submitted by John Hathaway on October 16, 2006.

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 or mediation. Please refer to enclosed notice of rights.

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 Kevin Wright Date Approved 10/17/06

District Staff

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.

2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.

3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.

4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.

6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

EVANGEL CHURCH OF GOD
370 SW MONITOR GLEN
LAKE CITY, FL 32024

At 4:00 p.m. this 17th day of Oct, 2006

Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49

Live Oak, Florida 32060
386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP06-0556

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

0612-40

09 FEBRUARY 2007

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: EVANGL CHURCH OF GOD
PERMIT Nr.: _____

DEAR SIR:

DURING THE COURSE OF PLAN REVIEW FOR THE ABOVE REFERENCED CHURCH PROJECT CERTAIN ASPECTS OF THE PROJECT RAISED A QUESTION AS TO THE CODE SIZE LIMITATION FOR THIS PROJECT AFTER REVIEWING THE ATTACHED SURVEY OF THE SITE, INDICATING THE EXISTING BUILDING AS WELL AS THE PROPOSED ADDITION, I WOULD LIKE TO OFFER FOR YOUR REVIEW THE FOLLOWING:

TABLE 503 OF THE BUILDING CODE LIMITS THE SIZE OF BUILDINGS AS TO THEIR OCCUPANCY AND TYPE OF CONSTRUCTION. THE PROJECT AT HAND IS A TYPE III, UNSPRINKLED BUILDING WITH AN ASSEMBLY USE (EXIST'G & ADD'N) CLASSIFICATION. THE USE OF THE ADDITION IS INTENDED AS A CULTURAL HALL OR FELLOWSHIP HALL FOR USE OF THE CHURCH MEMBERS AND IN AND OF ITSELF DOES NOT INCREASE THE TOTAL LOAD OCCUPANCY OF THE COMBINED AREAS, THESE AREAS WOULD BE USED IN A "CONSECUTIVE" MANNER RATHER THAN A "CONCURRENT" MANNER. THE CHURCH MEMBERSHIP WOULD USE THE ADDED AREA FOR CHURCH RELATED CULTURAL EVENTS, NOT AS OVERFLOW SEATING FOR THE CHAPEL.

TABLE 505 LIMITS THE AREA OF SUCH A STRUCTURE TO 9500 SF, HOWEVER, WHEN AREA INCREASE MODIFIERS ARE APPLIED, THAT AREA INCREASES 100% TO A TOTAL ALLOWABLE AREA OF 19000 SF. THE PRESENT BUILDING IS 6707.8 SF, THE PROPOSED ADDITION IS 2400 SF AND WHEN COMBINED IS 9107.8 SF. THIS IS LESS THAN THE 12.0 KSF MAXIMUM AREA ESTABLISHED AS THE BEGINNING POINT FOR A FIRE SUPPRESSION SYSTEM.

AS THE BUILD-OUT AREA IS LESS THAN THE TABLE 503 ALLOWABLE AREA EVEN WITHOUT TAKING INTO ACCOUNT THE AREA MODIFIERS, AND THE TOTAL BUILD-OUT AREA IS LESS THAN THE FLOOR FOR FIRE SUPPRESSION REQUIREMENTS, THE CHURCH DESIRES TO CONSTRUCT THIS ADDITION WITHOUT THE 2 HOUR FIRE WALL SEPARATING THE ADDITION FROM THE EXISTING BUILDING OR THE ADDITION OF A FIRE SPRINKLER SYSTEM.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

FILE COPY

O'NEAL CONTRACTING, INC.
212 S.E. HICKORY DRIVE
P.O. BOX 3505
LAKE CITY, FLORIDA 32056-3505

(386) 752-7578
FAX (386) 755-0240

letter of transmittal

TO COLUMBIA COUNTY BUILDING DEPT.
PO DRAWER 1529
LAKE CITY FL 32056

JOB NUMBER/PHONE	DATE
	12/12/2006
ATTENTION	
JOE HALTIWANGER	
RE:	
EVANGEL CHURCH OF GOD ADDITION	

WE ARE SENDING YOU X Attached Under separate cover via the following items.

Shop drawings X Prints X Plans X Specifications Samples

Copy of letter Change order Other:

COPIES	DATE	NUMBER	DESCRIPTION
1	12/12/2006		PERMIT APPLICATION
2	12/12/2006		COPIES OF WARRANTY DEED
2	10/12/2006		HEALTH DEPT. APPROVAL
2	10/07/2006		SUWANNE RIVER WATER MANAGEMENT PERMIT
2	11/01/2006		SUBSURFACE INVESTIGATION & ENGINEERING - CAL-TECH
2	12/05/2006		TRUSS ENGINEERING CITERIA & DESIGN LOADS
2	08/29/2006		FLORIDA ENERGY EFFICIENCY CODE FORMS
2	09/24/2004		EXTERIOR DOOR TESTING DATA
2	12/12/2006		ELK ROOF SHINGLE TESTING DATA

THESE ARE TRANSMITTED as checked below:

	For your approval	Approved as submitted	Resubmit	copies for approval
X	For your use	Approved as noted	Submit	copies for distribution
	As requested	Returned for corrections	Return	corrected prints
	For review and comment	Other		
	FOR BIDS DUE/DATE:	12/12/2006	PRINTS RETURNED AFTER LOAN TO US	

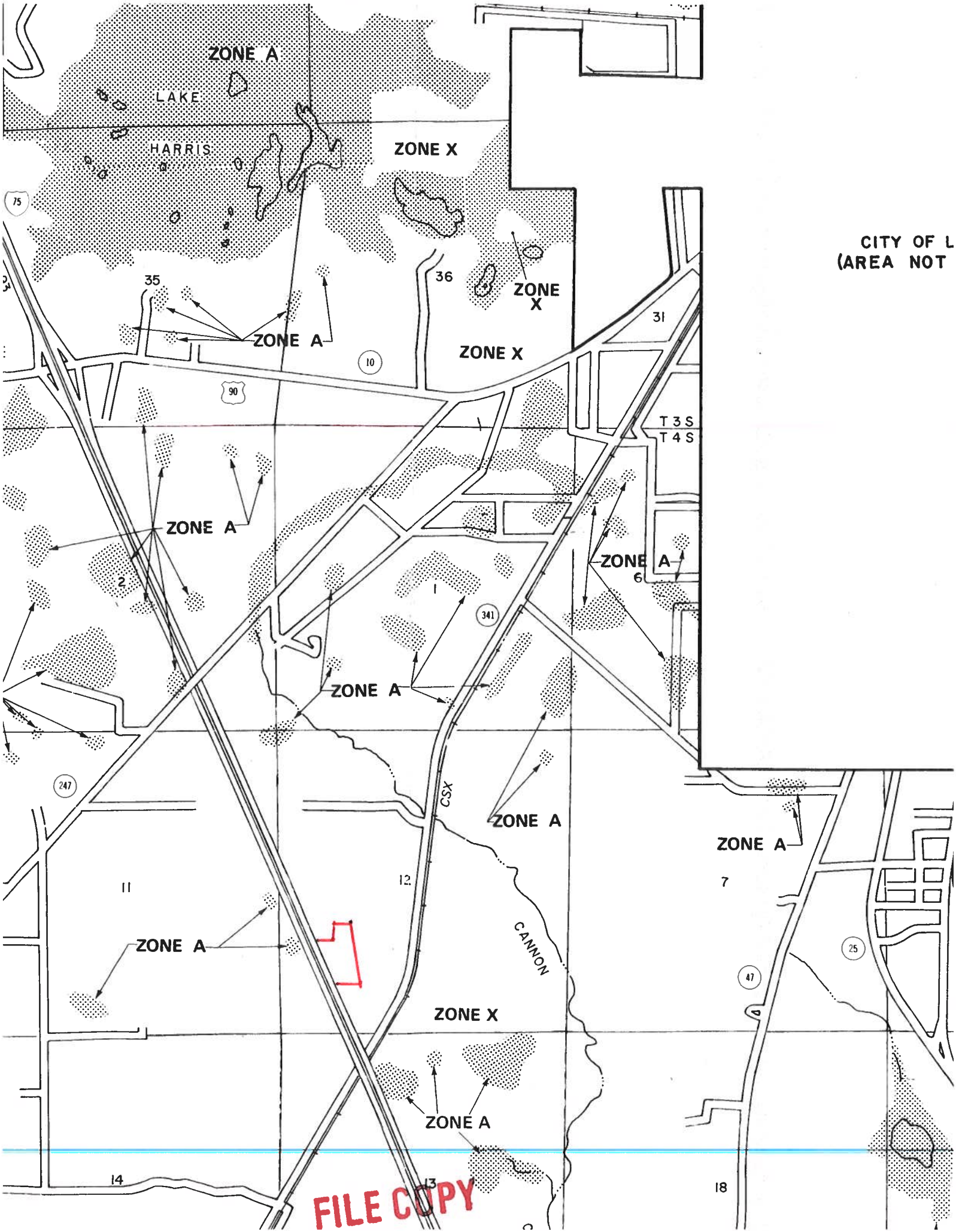
REMARKS

COPY TO FILE

FILE COPY

If enclosures are not as noted, please notify us at once.

SIGNED


ZONE A
LAKE
HARRIS
ZONE X
75
35
36
ZONE X
ZONE A
31
10
ZONE X
90
T 3 S
T 4 S
ZONE A
ZONE A
6
2
1
341
ZONE A
CSX
ZONE A
ZONE A
247
11
12
7
ZONE A
CANNON
25
47
ZONE X
ZONE A
14
13
18
CITY OF L
(AREA NOT

Vistawall Card

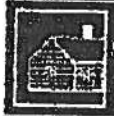
The Florida Department of Community Affairs
Building Code Information System

SITE NAVIGATION


Home


Course Accreditation


Florida Building Code


Manufactured Buildings


Prototype Building


Surcharges


Training


Product Approval


License Search


Mailing List

Florida Building Commission

PRODUCT APPROVAL

Product Type Detail

Overview | Product Search | Organization Search | Product Application

User: Public User - Not Associated with Organization -

Need Help ?

Application #:	FL3395
Date Submitted:	09/24/2004
Code Version:	2001
Product Manufacturer:	Vistawall Group
Address/Phone/email:	8655 Elm Fair Blvd Tampa, FL 33610 (770) 252-3090
Technical Representative:	William Smith
Technical Representative Address/Phone/email:	8655 Elm Fair Blvd Tampa, FL 33610 (800) 366-0349 bsmith@vistawall.com
Quality Assurance Representative:	Architectural Testing Inc.
Quality Assurance Representative Address/Phone/email:	130 Derry Court York, PA 17402-9405 (717) 764-7700 surich@archtest.com
Category:	Exterior Doors
Subcategory:	Swinging
Evaluation Method:	Evaluation Report from a Florida Registered Architect or Florida Professional Engineer

Referenced Standards from the Florida Building Code:

Section	Standard	Year
Chapter 24	Florida Building Code	2001
	ASTM E283	1999
	ASTM E330	2002

Florida Engineer or Architect Name:	Elizabeth A. Broadway
Florida License:	PE-38558

Quality Assurance Entity:	Architectural Testing, Inc.
Validation Entity:	Architectural Testing, Inc
Authorized Signature:	William Smith bsmith@vistawall.com
Evaluation/Test Reports Uploaded:	PTID_3395_T_Cert_of_Independence.pdf PTID_3395_T_NS-212.pdf
Installation Documents Uploaded:	
Product Approval Method:	Method 1 Option D
Application Status:	Approved
Date Validated:	11/02/2004
Date Approved:	11/16/2004
Date Certified to the 2004 Code:	

Page: Go

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
3395.1	NS-212	Aluminum Hinged Pair of Doors	Not for use in High Velocity Hurricane Zone. Use of doors is limited to a design pressure of +/- 30 psf. Doors are not impact rated.

Next

BROADWAY ENGINEERING, P.A.

1335 W. Cass Street
Tampa, FL 33606
(813) 251-8244
Fax: 251-8330
www.broadway-eng.com

September 20, 2004

STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100

Manufacturer: Vistawall Architectural Products
Products Development Group
P.O. Box 629
750 Airport Rd.
Terrell, TX 75160

Testing Laboratory: Certified Testing Laboratories
7252 Narcoossee Road
Orlando, FL 32822
Issue Date: August 3, 2004
Report No. CTLA-1257W

Product Category: Windows

Product Type: Aluminum Hinged Door

Series/Model: NS-212

To Whom It May Concern:

I have reviewed the test report prepared by Certified Testing Laboratories, dated August 3, 2004, for the above referenced product. According to this report, the Vistawall Series NS-212 door system was tested in accordance with the following standards:

1. ASTM E 283-99 for air infiltration;
2. ASTM E 330-02 for uniform load deflection; and
3. ASTM E 330-02 for uniform load structural.

According to the information provided in the test report, the Vistawall Series NS-212 door system was tested in accordance with ASTM E 283-99 for air infiltration and ASTM E 330-02 for uniform load deflection and uniform structural load. Based on the test report data and in conjunction with accepted engineering guidelines to determine the structural capabilities of the system, we hereby certify that the Vistawall Series NS-212 door system fulfills the requirements of the 2001 Florida Building Code Chapter 24.

Sincerely,

BROADWAY ENGINEERING, P.A.

Elizabeth A. Broadway, P.E.
President
Florida Registration No. 38558

2787-ns212.llr.wpd/eab

BROADWAY ENGINEERING, P.A.

1235 W. Cass Street
Tampa, FL 33606
(813) 251-8244
Fax: 251-9330
www.broadway-eng.com

CIVIL
MECHANICAL
STRUCTURAL
BUILDING DESIGN

September 20, 2004

STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100

Re: Certification of Independence

To Whom It May Concern:

In accordance with Chapter 9B-72.110 F.A.C., I hereby certify the following:

1. Elizabeth A. Broadway, P.E. and Broadway Engineering, P.A. do not have, nor intend to acquire, or will acquire a financial interest in Vistawall Architectural Products.

2. Elizabeth A. Broadway, P.E. and Broadway Engineering, P.A. do not have, nor will acquire, a financial interest in any other entity involved in the approval process of any product of Vistawall Architectural Products.

Sincerely,

BROADWAY ENGINEERING, P.A.

Elizabeth A. Broadway, P.E.
President
Florida Registration No. 38558

2787-cert-of-ind.wpd/eab

CERTIFIED TESTING LABORATORIES
[illegible]

Report Number: CTLA-1257W

Date: August 3, 2004
Test Dates: May 20, 2004 – June 1, 2004

Lab Certification Number: 02-0429-03

Test Requested By: Vistawall Architectural Products
803 Airport Rd.
Terrell, TX 75160

Tests Conducted: **AAMA/NWWDA 101/I.S.2-97 "Voluntary Specification for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors".**

Design Pressures:

Aluminum Hinged Glass Door with Offset Pivots- (Woolpile Weathering) + 30.0 psf / -30.0 psf

(1) DESCRIPTION OF SERIES

Model Designation: **Series NS-212 Aluminum Hinged Glass Doors (Outswing) With Offset Pivots and (Woolpile Weathering)**

Overall Size: 75.750" wide x 85.750" high

Configuration: X / X Pair of Hinged Glass Door with One (1) Active leaf and One (1) Inactive leaf

Entrance Door Leaves:

(1) Active door leaf- 36.000" wide x 84.000" high, each
(1) Inactive door leaf- 36.000" wide x 84.000" high, each

2. MATERIAL CHARACTERISTICS:

Frame and Door Material: Extruded Aluminum Extrusions 6063-T6 and 6063-T5 as stated by the manufacturer.

[illegible]
8/3/04

Frame Construction:

Frame Corner Construction: At each top corner, the frame jamb ran through while the frame head member was square cut, butted and mechanically fastened to each frame jamb member using two (2), # 14 x 1 HH STS. At each bottom corner, the frame jamb ran through while the threshold was square cut, butted and mechanically fastened to the frame jamb using one (1) ¾" long threshold clip per end. Each threshold clip was secured to the frame jamb using two (2), # 8 x 1-1/2" PH FH SMS. The threshold was then placed over the threshold clips and secured directly to the opening as described in the installation section of this report.
The main frame consisted of one (1) Door Frame Header measuring 1.750" wide x 4.500" high, two (2) Door Frame Jambs measuring 1.750" wide x 4.500" high, one (1) Threshold measuring 4.000" wide x .500" high and three (3) Door Frame Stops measuring 1.156" wide x .746" high. The door frame stops were snap in type and inserted on the perimeter interior of the door frame header and door frame jambs. The frame jambs were secured to the frame head in each corner with two (2) ¼ /20 x 1.00" Hex Head S.M.S. fasteners.

Door Leaves Construction:

Active leaf consisted of the following:
(1) Door hinge stile measuring 2.125" wide x 1.750" high x .125" thick.
(1) Door active lock stile measuring 1.989" wide x 1.750" high x .125" thick.
(1) Door bottom rail measured 4.000" wide x 1.750" high x .125" thick
(1) Door top rail measured 1.710" wide x 2.250" high x .125" thick
(4) Door corner blocks Two (2) for bottom rails measured 1.440" wide x 1.927" high x .250" thick and Two (2) for top rails measured 1.440" wide x 1.350" high x .250" thick

Typical door corner assembly for Active door leaf- Corner block was secured to door top and bottom rail with four (4) #10 x .750" Phillips F.H Countersunk S.M.S. fasteners and to the door stile with two (2) ¼-20 x 3/4" Hex Head S.M.S. fasteners into one (1) aluminum back-up plate in door stile. Aluminum back-up plate measured 1.4375" wide x 2.875" high x .3125" thick. Reference (Drawing # NS-212-04 sheet 2 details 1 and 2) for typical corner weld detail.

Inactive leaf consisted of the following:
(1) Door hinge stile measuring 2.125" wide x 1.750" high x .125" thick.
(1) Door inactive astragal stile measuring 2.125" wide x 1.750" high x .125" thick
(1) Door bottom rail measured 4.000" wide x 1.750" high x .125" thick
(1) Door top rail measured 1.710" wide x 2.250" high x .125" thick
(1) Adjustable astragal assembly .331" wide x 1.562" high x .062" thick
(4) Door corner blocks. Two (2) for bottom rails measured 1.440" wide x 1.927" high x .250" thick and Two (2) for top rails measured 1.440" wide x 1.350" high x .250" thick

Typical door corner assembly for Inactive door leaf- Corner block was secured to door top and bottom rail with four (4) #10 x .750" Phillips F.H Countersunk S.M.S. fasteners and to the door stile with two (2) ¼ -20 x ⅜" Hex Head S.M.S. fasteners into one (1) aluminum back-up plate in door stile. Aluminum back-up plate measured 1.4375" wide x 2.875" high x .3125" thick. Reference (Drawing # NS-212-04 sheet 2 details 1 and 2) for typical corner weld detail.

Glazing:

Glazing Material:

Monolithic 3/16" Tempered Glass.

2/3/04

Glazing Method:

Each door leaf was glazed using an aluminum snap-in glass stop and a hollow lace-in bulb vinyl weather stripping on each side of the glass. The glass bite was 0.2812". The aluminum glass stop measured .500" x .625" x .055".

Daylight Opening:

(1) Active leaf – 30.5625" wide x 75.9375" high
(1) Inactive leaf- 30.5625" wide x 75.9375" high

Weather-stripping:

Quantity	Description	Location
(3)	Strips of lace-in woolpile weathering in door stop .300" wide x .282" high	One (1) each exterior leg of snap-in stop
(2)	Strips of lace-in skirting seal woolpile .110" wide x .630" high	One (1) each interior and exterior leg of adjustable astragal assembly
(2)	Strips of lace-in vinyl flap weather-stripping .110" wide x 1.075" high	One (1) each door bottom rail sweep of active and inactive leaves
(16)	Strips of lace-in bulb vinyl weather-stripping .350" wide x .365" high	One (1) each side of glass on each aluminum door glass stop

Hardware:

Quantity	Description	Location
(1)	Mortise Lock/Deadbolt (Mfg. Adams Rite)	Active meeting lock stile 44.250"o.c. from leaf bottom
(3)	Strike Cutout	Inactive Meeting Stile 44.250"o.c. from leaf bottom
(4)	Cast aluminum offset door pivots top and bottom	One (1) each corner of threshold and jamb, frame head and jamb. Spring loaded
(2)	Aluminum pull handles	One (1) each active meeting lock stile and inactive meeting stile
(2)	Aluminum door bottom sweeps	One (1) each Active and Inactive door leaf
(1)	Adjustable astragal assembly	Active meeting stile
(1)	Nylon tip Astragal flush bolt attached to metal rod (Mfg. International Door Closures)	Interior of inactive meeting stile

[signature] P.E 8/3/09

Sealant: At each frame head corner the joint was sealed using strips of Schnee-Morehead SM 5601 Tacky Tape Industrial Tape Sealant. At the bottom corner the threshold was sealed to the vertical jamb member using 921 Vulkem polyurethane sealant.

3. **INSTALLATION:**

Screws and Method of Attachment

The ¼" perimeter shim space between the test specimen and the steel "C" channel test buck was sealed on the interior and exterior with Vulkem #921 sealant as stated by the manufacturer. The following fasteners along with locations were also utilized to secure specimen to test buck.

Five (5) ¼-20 x 1.00" Phillips F.H. Counter sink Tek Screws were used to secure Threshold to test buck, located at 5.00" from each corner and 16.00" c/l thereafter measuring from left jamb to right jamb.

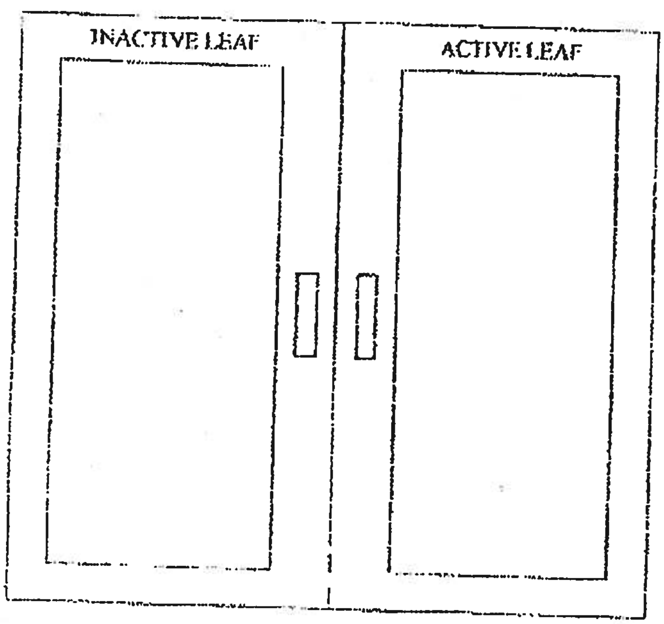
Three (3) ¼-20 x 3.00" Machine Bolts with nut and washer were used to secure each frame jamb to test buck, located at 2.500", 42.250" and 82.375" measuring from Threshold to frame head.

Two (2) ¼-20 x 3.00" Machine Bolts with nut and washer were used to secure frame head to test buck, one (1) each located at 2.500" from each side of the center line of frame width.

Additional Comments:

Test specimen was secured to a steel "C" channel test frame that had welded corners.

3. **Test Results:**



Deflection Gauges Set At Location 1- Measurements were taken with one (1) Dynavision Laser indicator SN-S1002143

Performance Test Results

Paragraph No.	Title of Test	Test Method	Measured	Allowed
*2.1.2	Air Infiltration @1.57 psf	ASTM E283-99	.643 cfm/ft.	1.0 cfm/ft

*Test conducted with woolpile weathering. Note: All test for double/paired 6'-0" x 7'-0" shall not exceed 1.0 cfm/ per linear ft. of crack. The tested specimen meets or exceeds the performance levels specified in AAMA/NWWDA101/I.S.2-97.

STATIC AIR PRESSURE TESTS

Paragraph No.	Title of Test	Test Method	Measured	Allowed
*2.1.4.2/4.4.2	Uniform Load Structural Permanent Deformation	ASTM E330-02 Ten (10) second loading		
@45.0 psf Positive (D/P 30)		Bottom of door Loc (1)	0.120"	0.178"
@45.0 psf Negative (D/P 30)		Bottom of door Loc (1)	0.154"	0.178"

Max. allowable Perm. Set of Loc #1 Bottom of Door (0.4% of 44.500" span) = 0.178"
*Note: Specimen passed in the Negative load after replacing the bottom flush bolt.

FORCED ENTRY TEST

		Measured	Allowed
Forced Entry Resistance	AAMA 1303.5-76		
	Paragraph A	<0.5"	0.5"
	Paragraph B	<0.5"	0.5"
	Paragraph C	<0.5"	0.5"
	Paragraph D, E & F	<0.5"	0.5"
	Paragraph G	<0.5"	0.5"

At conclusion of testing the operable door panel opened and operated in a manner that was considered not unreasonable.

8/3/04

5. DRAWINGS TO BE SUBMITTED:

Submittal drawings supplied by Vistawall signed and sealed by this laboratory are submitted as part of this report.

Comment: Nominal 2-mil polyethylene film was used to seal against leakage during structural loads. The film was used in a manner that did not influence the test results.

Remarks: The results obtained and reported apply only to the specimens tested. Detailed drawings (NS-212-04) were available for laboratory records and comparison to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by CTL for a period of four (4) years. The results obtained apply only to the specimen tested.

This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.

Certified Testing Laboratories assumes that all information provided by the client is accurate and that the physical and chemical properties of the components are as stated by the manufacturer.

Observers
JD Williams- Vistawall

All Tests Certified and Witnessed by
Trace Blakely- CTL
Ramesh Patel- P.E.
Steven Gibbs- CTL

Michael Miller/Lab Technician
Certified Testing Laboratories, Inc.
Architectural Division

Ramesh Patel, P.E. 8/3/05
Florida Reg. # 20224

Cc
Vistawall	(2)
Fred Grunewald	(4)
Ramesh Patel	(1)
File	(1)
NAMI	(2)

BROADWAY ENGINEERING, P.A.

9335 N. Cass Street
Tampa, FL 33614
(813) 251-9244
Fax: 251-9330
www.broadway-eng.com

CIVIL
MECHANICAL
STRUCTURAL
SYSTEMS DESIGN

September 20, 2004

STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100

Re: Certification of Independence

To Whom It May Concern:

In accordance with Chapter 9B-72.110 F.A.C., I hereby certify the following:

1. Elizabeth A. Broadway, P.E. and Broadway Engineering, P.A. do not have, nor intend to acquire, or will acquire a financial interest in Vistawall Architectural Products.

2. Elizabeth A. Broadway, P.E. and Broadway Engineering, P.A. do not have, nor will acquire, a financial interest in any other entity involved in the approval process of any product of Vistawall Architectural Products.

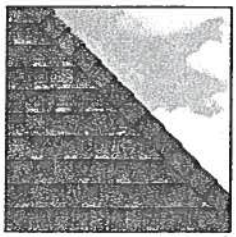
Sincerely,

BROADWAY ENGINEERING, P.A.

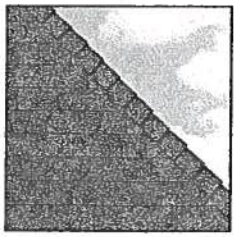
Elizabeth A. Broadway, P.E.
President
Florida Registration No. 38558

2787-cert-of-ind.wpd/eab

ELK Roofing Products Specifications – Tuscaloosa, AL



PRESTIQUE®
HIGH DEFINITION®



RAISED PROFILE®

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13¼"x 39⅜"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	11

50-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 110 mph***

Raised Profile

Product size	13¼"x 38⅝"
Exposure	5⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 70 mph.

Prestique I *High Definition*

Product size	13¼"x 39⅜"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	14

40-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 90 mph***

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/*FLX*™

Size: 12"x 12"
Exposure: 6⅝"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Vented RidgeCrest™ w/*FLX*™

Size: 13"x 13¼"
Exposure: 9¼"
Pieces/Box: 26
Coverage: 5 boxes = 100 linear feet

Prestique *High Definition*

Product size	13¼"x 38⅝"
Exposure	5⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph.

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Weatheredwood, Shakewood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood.
Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard* treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL* Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

*See actual limited warranty for conditions and limitations.
** Effective January 1, 2004, the seven year non-prorated Umbrella Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for each products. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rake and eave edges, an Elk ventilation system, and Elk All-Climate Self-Adhering Underlayment in all valleys. Additionally, Elk All-Climate Self-Adhering Underlayment is required along the rake and eave edges of the roof in and north of the states of VA, KY, MO, KS, CO, UT, NV, & OR.
***For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grande, at least six (6) properly placed NAILS and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

Scope: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula *FLX*.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes(4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula *FLX* with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

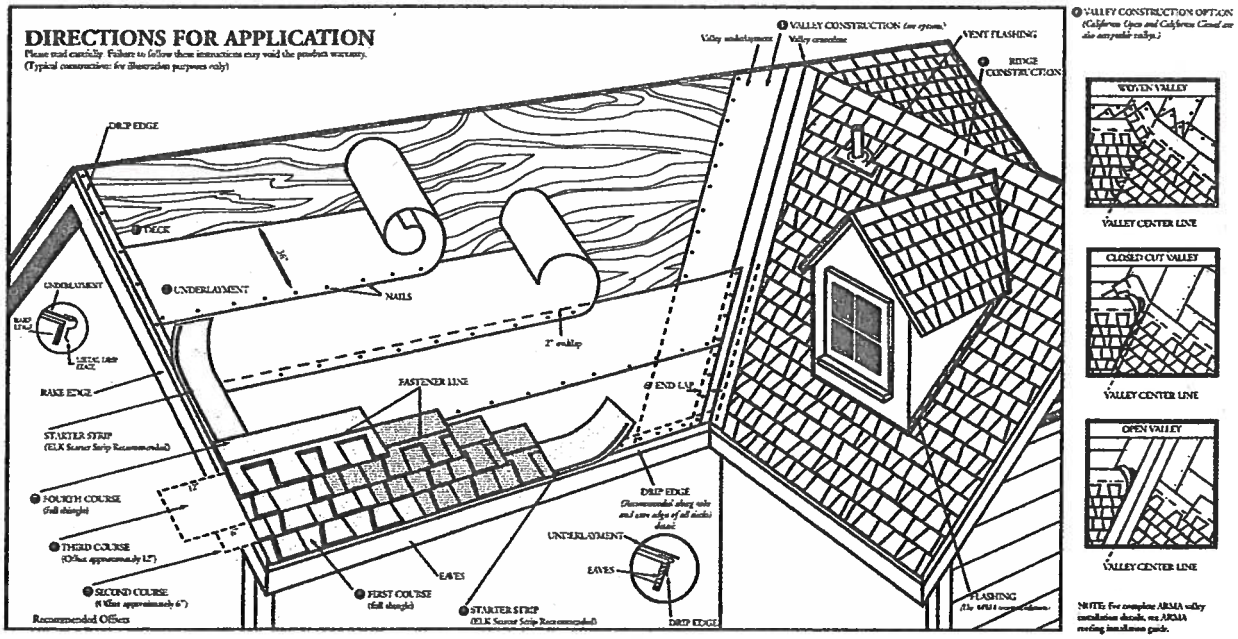
Southeast & Atlantic Office:
800.945.5551

Corporate Headquarters:
800.354.7732

Plant Location:
800.945.5545

ELK
The Premium Choice
www.elkcorp.com

SS00T 06/04



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

❶ DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

❷ UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Elk Versashield® or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope(2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 19". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

❸ STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

❹ FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof

❺ SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6". Other offsets are approved if greater than 4".

❻ THIRD COURSE

Offset the next course by 6" with respect to the second course, or consistent with the original offset.

❼ FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

❽ VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

❾ RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z®Ridge or Seal-A-Ridge® with formula *FLX*™ or RidgeCrest™ with *FLX* (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roof-overs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

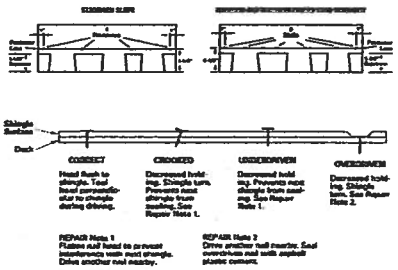
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified.
All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

ELK
The Premium Choice
www.elkcorp.com

Project Information for:	L218333		
Builder:	O'NEAL ROOFING	Date:	12/5/2006
Lot:	N/A	Start Number:	**2168**
Subdivision:	370 SW MONITOR GLEN	SEI Ref:	L218333
County or City:	COLUMBIA COUNTY		
Truss Page Count:	5		

Truss Design Load Information (UNO) Design Program: MiTek

Gravity		Wind		Building Code:	FBC2004
Roof (psf):	42	Wind Standard:	ASCE 7-02		
Floor (psf):	55	Wind Speed (mph):	110		

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

O'NEIL CONSTRUCTION OF HIGH SPRING INC. QB 0010656
Address: 235 NE 2ND STREET
HIGH SPRINGS, FL. 32643 Designer: 126

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
Company: Structural Engineering and Inspections, Inc. EB 9196
Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549 Phone: 813-849-5769

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for veritcal loads only, unless noted otherwise.
5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitablity and use of Carrying Member hanger capacity.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	T01	1205062168	12/5/2006				
2	T02	1205062169	12/5/2006				
3	T03	1205062170	12/5/2006				
4	T03	1205062171	12/5/2006				
5	T05	1205062172	12/5/2006				

DEC 0 5 2006

Dwg.#1205062167

Licensee Details

Licensee Information

Name:	**O'NEAL, JOHN WINSTON (Primary Name)** **O'NEAL CONTRACTING INC (DBA Name)**
Main Address:	**PO BOX 2166** **LAKE CITY Florida 32056**
County:	**COLUMBIA**
License Mailing:	
LicenseLocation:	**818 HICKORY LANE** **LAKE CITY FL 32025**
County:	**COLUMBIA**

License Information

License Type:	**Certified Building Contractor**
Rank:	**Cert Building**
License Number:	**CBC057550**
Status:	**Current,Active**
Licensure Date:	**02/22/1996**
Expires:	**08/31/2008**
Special Qualifications	**Qualification Effective**
Bldg Code Core Course Credit	
Qualified Business License Required	**02/20/2004**

View Related License Information

View License Complaint

DECEMBER 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#1205062168

Job	Truss	Truss Type	Qty	Ply	EVANGEL CHURCH OF god
L218333	T01	COMMON	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 22 12:47:49 2006 Page 1

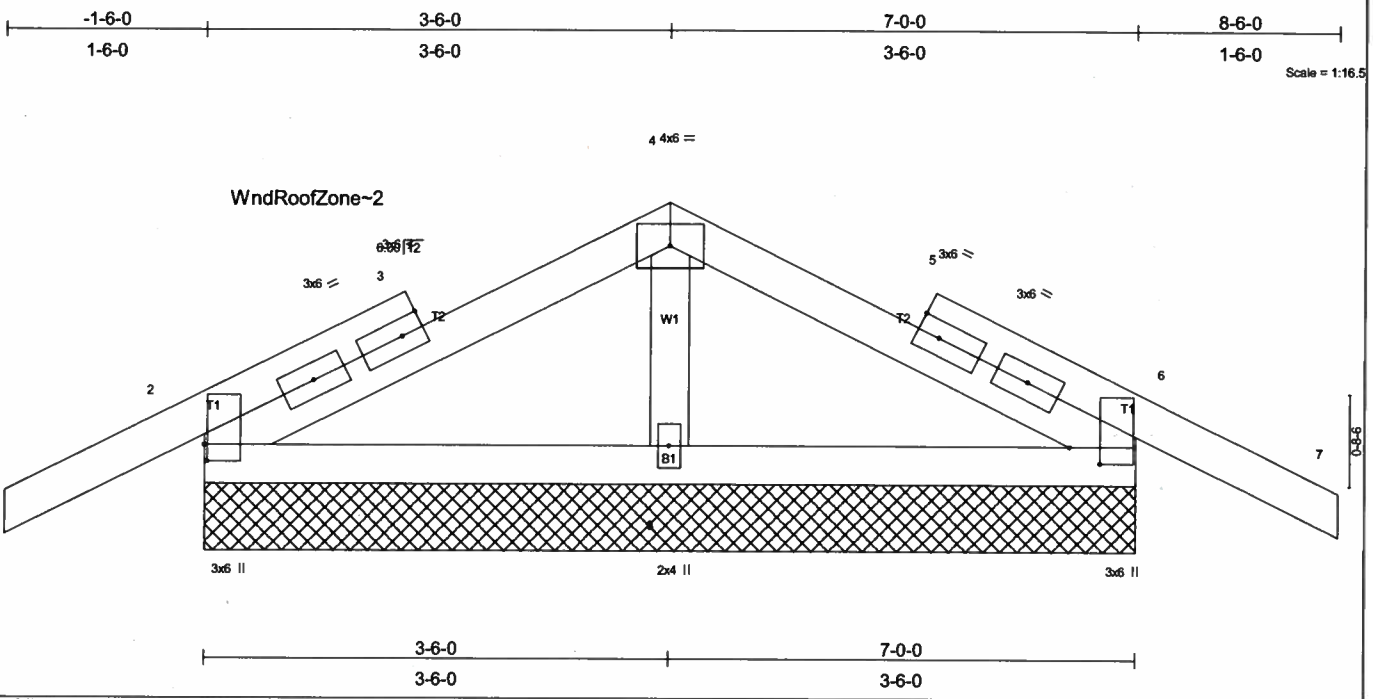


Plate Offsets (X,Y): [2:0-1-8,0-0-4], [6:0-1-8,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.00	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	7	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.04	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 35 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=360/7-0-0, 6=360/7-0-0, 8=360/7-0-0
Max Horz 2=40(load case 5)
Max Uplift2=-208(load case 5), 6=-217(load case 6), 8=-81(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1/31, 2-3=-140/92, 3-4=-68/91, 4-5=-68/91, 5-6=-140/92, 6-7=-1/31
BOT CHORD 2-8=-6/61, 6-8=-6/61
WEBS 4-8=-241/133

JOINT STRESS INDEX
2 = 0.76, 3 = 0.00, 3 = 0.23, 3 = 0.23, 4 = 0.34, 5 = 0.00, 5 = 0.23, 5 = 0.23, 6 = 0.76 and 8 = 0.09

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Gable requires continuous bottom chord bearing.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 2, 217 lb uplift at joint 6 and 81 lb uplift at joint 8.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-87(F=-33), 4-7=-87(F=-33), 2-6=-30

DECEMBER 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#1205062169

Job	Truss	Truss Type	Qty	Ply	EVANGEL CHURCH OF god
L218333	T02	COMMON	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 22 12:46:16 2006 Page 1

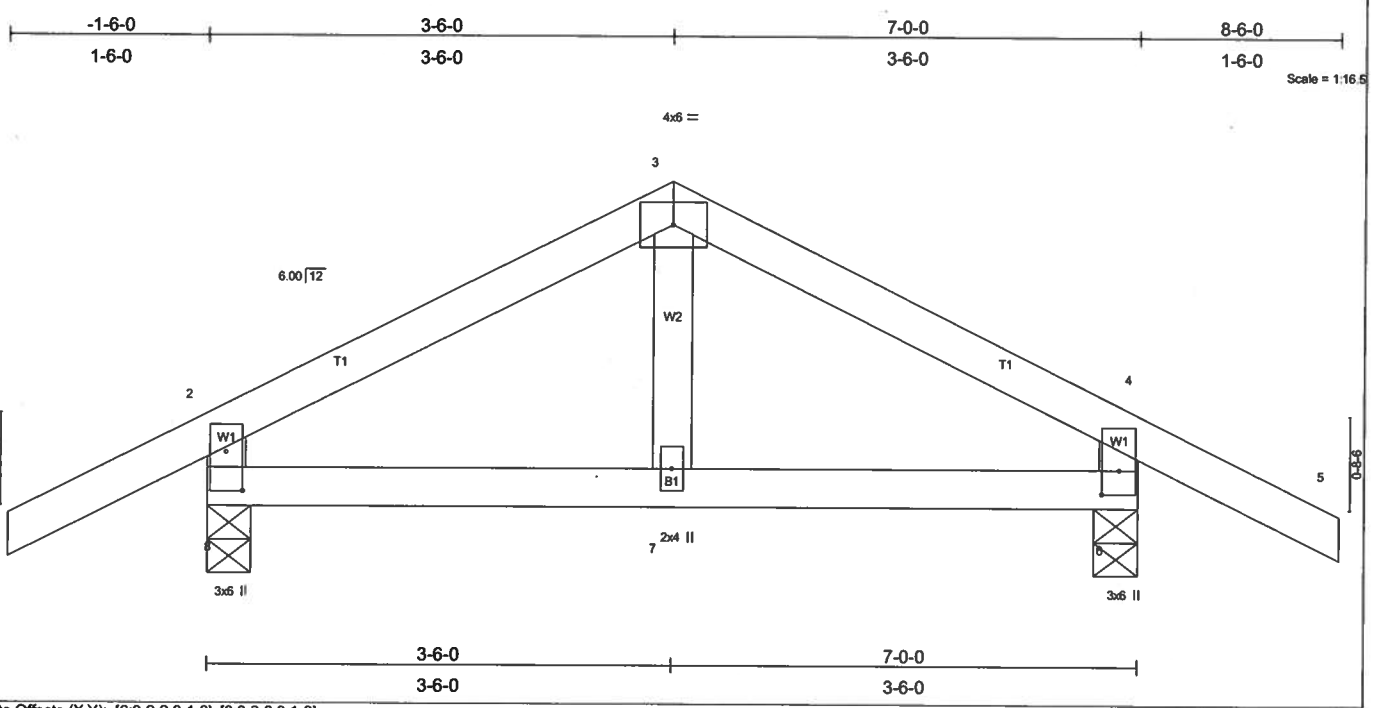


Plate Offsets (X,Y): [6:0-2-2,0-1-8], [8:0-3-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.01	7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.01	7	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 31 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=371/0-4-0, 6=371/0-4-0
Max Horz 8=56(load case 5)
Max Uplift8=-274(load case 5), 6=-274(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=-267/245, 3-4=-267/245, 4-5=0/40, 2-8=-299/300, 4-6=-299/300
BOT CHORD 7-8=-104/194, 6-7=-104/194
WEBS 3-7=-155/72

JOINT STRESS INDEX
2 = 0.00, 3 = 0.10, 4 = 0.00, 6 = 0.51, 7 = 0.05 and 8 = 0.49

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 274 lb uplift at joint 8 and 274 lb uplift at joint 6.

LOAD CASE(S) Standard

DECEMBER 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#1205062170

Job	Truss	Truss Type	Qty	Ply	0 0
L218333	T03	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Nov 30 09:24:19 2006 Page 1

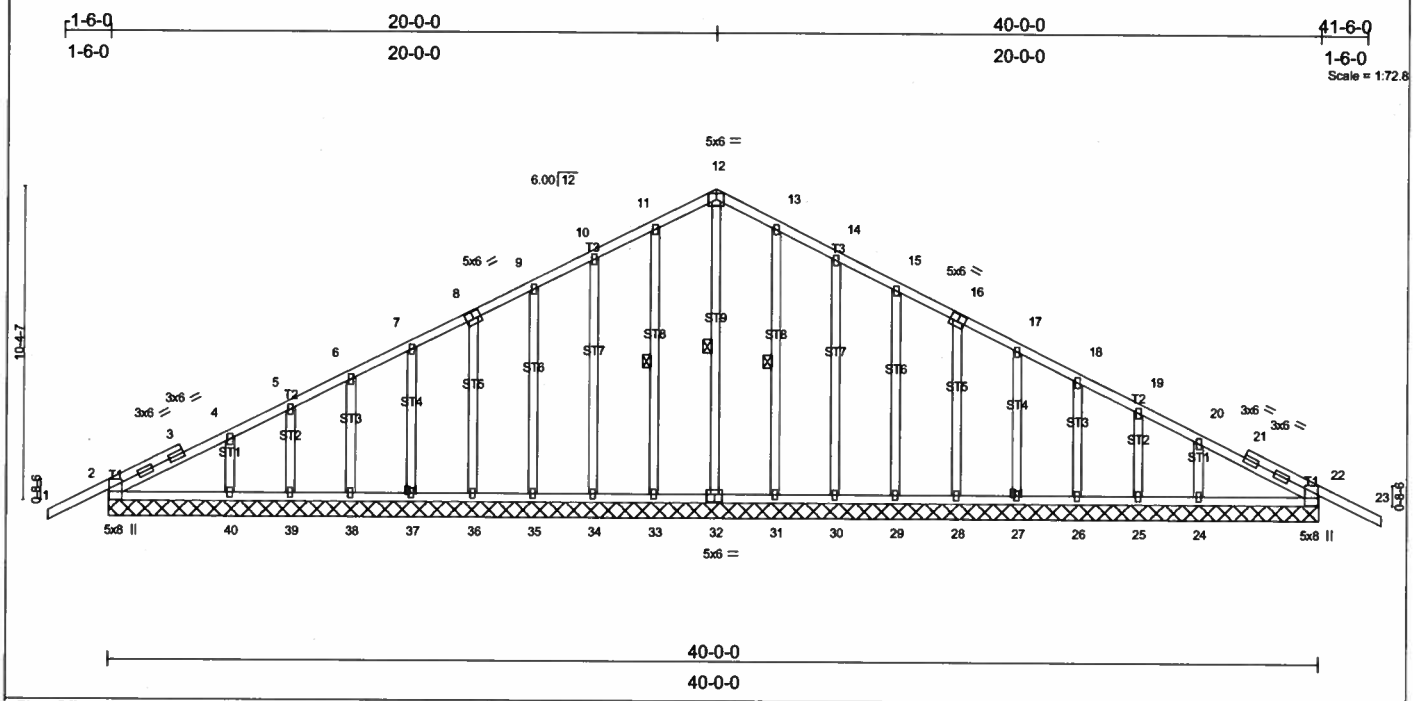


Plate Offsets (X,Y): [2:0-3-4,0-2-8], [8:0-3-0,0-3-0], [16:0-3-0,0-3-0], [22:0-3-4,0-2-8], [32:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.02	23	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.04	23	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.01	22	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 282 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 12-32, 11-33, 13-31

REACTIONS (lb/size) 2=439/40-0-0, 32=214/40-0-0, 33=233/40-0-0, 34=234/40-0-0, 35=238/40-0-0, 36=234/40-0-0, 37=227/40-0-0, 38=246/40-0-0, 39=188/40-0-0, 40=368/40-0-0, 31=233/40-0-0, 30=234/40-0-0, 29=238/40-0-0, 28=234/40-0-0, 27=227/40-0-0, 26=246/40-0-0, 25=188/40-0-0, 24=368/40-0-0, 22=439/40-0-0
Max Horz 2=-165(load case 6)
Max Uplift2=-164(load case 5), 33=-95(load case 5), 34=-117(load case 5), 35=-113(load case 5), 36=-111(load case 5), 37=-108(load case 5), 38=-114(load case 5), 39=-102(load case 5), 40=-148(load case 5), 31=-90(load case 6), 30=-119(load case 6), 29=-113(load case 6), 28=-111(load case 6), 27=-108(load case 6), 26=-114(load case 6), 25=-103(load case 6), 24=-147(load case 6), 22=-198(load case 6)
Max Grav 2=439(load case 1), 32=214(load case 1), 33=237(load case 9), 34=234(load case 1), 35=238(load case 1), 36=234(load case 9), 37=227(load case 1), 38=246(load case 9), 39=188(load case 1), 40=368(load case 9), 31=237(load case 10), 30=234(load case 1), 29=238(load case 1), 28=234(load case 10), 27=227(load case 1), 26=246(load case 10), 25=188(load case 1), 24=368(load case 10), 22=439(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2/51, 2-3=-182/59, 3-4=-188/64, 4-5=-115/78, 5-6=-76/107, 6-7=-66/145, 7-8=-63/179, 8-9=-64/214, 9-10=-63/250, 10-11=-63/290, 11-12=-62/315, 12-13=-62/308, 13-14=-63/266, 14-15=-63/211, 15-16=-64/159, 16-17=-63/109, 17-18=-66/73, 18-19=-62/35, 19-20=-75/18, 20-21=-116/3, 21-22=-115/0, 22-23=-2/51
BOT CHORD 2-40=0/200, 39-40=0/200, 38-39=0/200, 37-38=0/200, 36-37=0/200, 35-36=0/201, 34-35=0/201, 33-34=0/201, 32-33=0/201, 31-32=0/201, 30-31=0/201, 29-30=0/201, 28-29=0/201, 27-28=0/199, 26-27=0/199, 25-26=0/199, 24-25=0/199, 22-24=0/199
WEBS 12-32=-165/0, 11-33=-177/107, 10-34=-174/129, 9-35=-178/125, 8-36=-174/123, 7-37=-168/119, 6-38=-181/127, 5-39=-146/109, 4-40=-265/171, 13-31=-177/102, 14-30=-174/131, 15-29=-178/125, 16-28=-174/124, 17-27=-168/119, 18-26=-181/127, 19-25=-146/110, 20-24=-265/170

JOINT STRESS INDEX
2 = 0.86, 3 = 0.00, 3 = 0.28, 3 = 0.29, 4 = 0.34, 5 = 0.34, 6 = 0.34, 7 = 0.34, 8 = 0.19, 9 = 0.34, 10 = 0.34, 11 = 0.34, 12 = 0.18, 13 = 0.34, 14 = 0.34, 15 = 0.34, 16 = 0.19, 17 = 0.34, 18 = 0.34, 19 = 0.34, 20 = 0.34, 21 = 0.00, 21 = 0.29, 21 = 0.28, 22 = 0.86, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 32 = 0.20, 33 = 0.34, 34 = 0.34, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34, 39 = 0.34 and 40 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 164 lb uplift at joint 2, 95 lb uplift at joint 33, 117 lb uplift at joint 34, 113 lb uplift at joint 35, 111 lb uplift at joint 36, 108 lb uplift at joint 37, 114 lb uplift at joint 38, 102 lb uplift at joint 39, 148 lb uplift at joint 40, 90 lb uplift at joint 31, 119 lb uplift at joint 30, 113 lb uplift at joint 29, 111 lb uplift at joint 28, 108 lb uplift at joint 27, 114 lb uplift at joint 26, 103 lb uplift at joint 25, 147 lb uplift at joint 24 and 198 lb uplift at joint 22.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Continued on page 2

DECEMBER 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	0 0
L218333	T03	GABLE	1	1	Job Reference (optional)

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 1-12=-87(F=-33), 12-23=-87(F=-33), 2-22=-30

Dwg.#1205062172

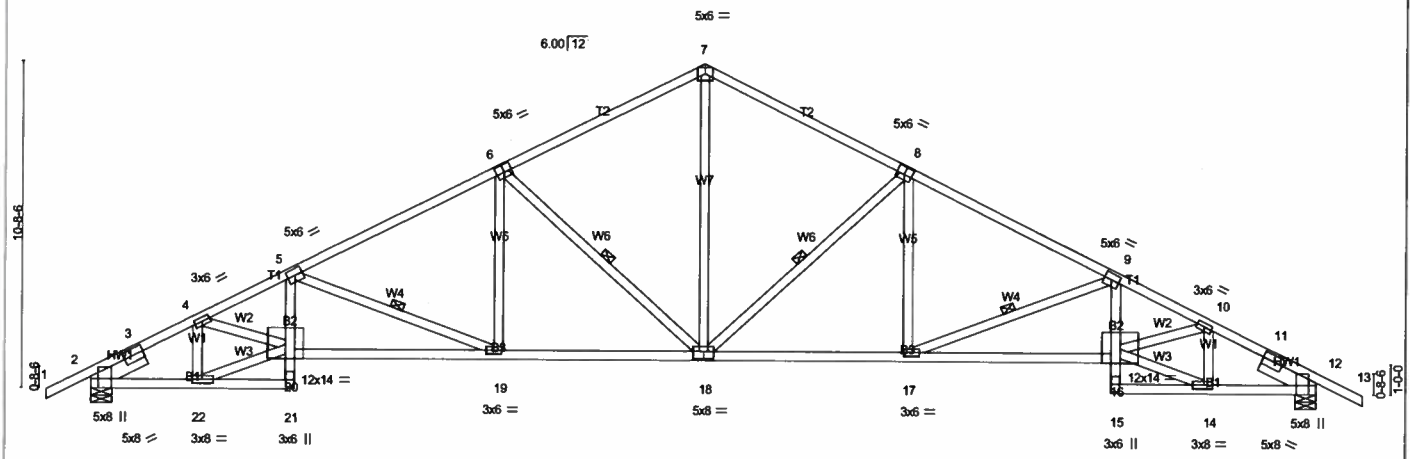
Job	Truss	Truss Type	Qty	Ply	0 0
L218333	T05	SPECIAL	30	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Nov 30 09:27:33 2006 Page 1

1-6-0 | 3-5-12 | 6-8-0 | 13-4-0 | 20-0-0 | 26-8-0 | 33-4-0 | 36-6-4 | 40-0-0 | 41-6-0

1-6-0 | 3-5-12 | 3-2-4 | 6-8-0 | 6-8-0 | 6-8-0 | 6-8-0 | 3-2-4 | 3-5-12 | 1-6-0

Scale = 1:72.0



3-5-12 | 6-8-0 | 13-4-0 | 20-0-0 | 26-8-0 | 33-4-0 | 36-6-4 | 40-0-0

3-5-12 | 3-2-4 | 6-8-0 | 6-8-0 | 6-8-0 | 6-8-0 | 3-2-4 | 3-5-12

Plate Offsets (X,Y): [2:0-4-7,Edge], [6:0-3-0,0-3-0], [8:0-3-0,0-3-0], [12:0-4-7,Edge], [14:0-3-8,0-1-8], [18:0-4-0,0-3-0], [22:0-3-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.35	19-20	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.84	Vert(TL)	-0.57	19-20	>848	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(TL)	0.32	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 251 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2 2 X 4 SYP No.3, B2 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3
SLIDER Left 2 X 6 SYP No.1D 1-10-13, Right 2 X 6 SYP No.1D 1-10-13

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-9-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-7-0 oc bracing.
WEBS 1 Row at midpt 5-19, 6-18, 8-18, 9-17

REACTIONS (lb/size) 2=1761/0-8-0, 12=1761/0-8-0
Max Horz 2=160(load case 5)
Max Uplift2=-631(load case 5), 12=-631(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/19, 2-3=-2848/885, 3-4=-2794/889, 4-5=-4147/1363, 5-6=-2885/943, 6-7=-2109/740, 7-8=-2109/759, 8-9=-2885/914, 9-10=-4147/1280, 10-11=-2794/891, 11-12=-2847/887, 12-13=0/19
BOT CHORD 2-22=-829/2385, 21-22=-98/179, 20-21=-13/99, 5-20=-190/760, 19-20=-1276/3797, 18-19=-722/2500, 17-18=-580/2500, 16-17=-1041/3797, 15-16=-11/99, 9-16=-147/760, 14-15=-88/179, 12-14=-671/2385
WEBS 4-22=-888/348, 20-22=-785/2371, 4-20=-422/1385, 5-19=-1378/592, 6-19=-141/612, 6-18=-935/465, 7-18=-460/1461, 8-18=-935/453, 8-17=-128/612, 9-17=-1378/540, 14-16=-626/2371, 10-16=-344/1385, 10-14=-888/287

JOINT STRESS INDEX
2 = 0.93, 2 = 0.82, 3 = 0.00, 4 = 0.73, 5 = 0.71, 6 = 0.67, 7 = 0.51, 8 = 0.67, 9 = 0.71, 10 = 0.73, 11 = 0.00, 12 = 0.93, 12 = 0.82, 14 = 0.94, 15 = 0.38, 16 = 0.98, 17 = 0.40, 18 = 0.55, 19 = 0.40, 20 = 0.98, 21 = 0.38 and 22 = 0.94

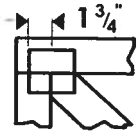
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 631 lb uplift at joint 2 and 631 lb uplift at joint 12.

LOAD CASE(S) Standard

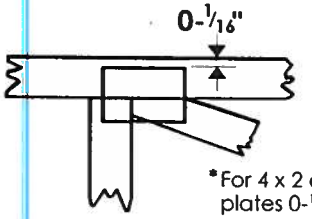
DECEMBER 05, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

*This symbol indicates the required direction of slots in connector plates.

***Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

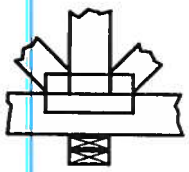
4 x 4

The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

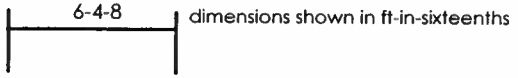


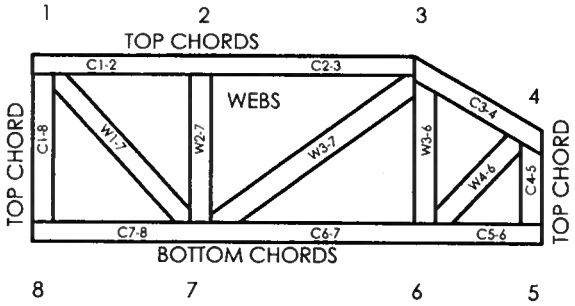
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System





JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

25530

Lake City Fire Department

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

Carlton A. Tunsil
Fire Chief

Inspection Division

Fire Safety Inspectors
Carlton A. Tunsil
Fire Chief

Frank E. Armijo
Assistant Chief

Nathiel L. Williams, Sr.
Fire Inspector

To: Evangel Church of God

FROM: Frank E. Armijo, Assistant Chief
State Fire Inspector License #112877

DATE: July 10, 2007

SUBJECT: Fire Safety Inspection

A fire safety inspection was performed today at Evangel Church of God, located at 370 S.W. Monitor Glenn, Lake City, FL. 32024 This Place of Worship meets all requirements of Chapter 13 of the Florida Fire Prevention Code, 2004 Edition. No violations were noted. I recommend approval.

Frank E. Armijo, Assistant Chief
State Fire Inspector License #112877

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 12-4S-16-02940-002 **Building permit No.** 000025530

Use Classification ADDITION TO CHURCH **Fire:** 0.00

Permit Holder O'NEAL CONTRACTING **Waste:**

Owner of Building EVANGEL CHURCH OF GOD **Total:** 0.00

Location: 370 SW MONITER GLENN, LAKE CITY, FL

Date: 07/10/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Permit #_____ Tax Folio # _____

NOTICE OF COMMENCEMENT

Inst:2007005136 Date:03/02/2007 Time:15:57
_____DC,P.DeWitt Cason,Columbia County B:1112 P:1637

State of FLORIDA
County of COLUMBIA

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

1. Description of property: COMM. INTERS. N. LINE OF SW ¼ & E R/W I-75, RUN SE ALONG R/W 1045.70 TO POB, E 317.96 FT., N. 320.19 FT, E 286.71 FT, SE 1120.88 FT, 10.462.73 FT TO E R/W NW
2. General description of improvement: 855.80 FT TO POB, ORB 604-255, 604-263, WD 1082-2690 ADDITION TO EXISTING BUILDING
3. Owner information:
   a. Name & Address: EVANGEL CHURCH OF GOD
   370 SW MONITOR GLEN, LAKE CITY, FL 32024
   b. Interest In Property: 100%
   c. Name & Address of fee simple titleholder (other than owner):
   N/A
4. Contractor's Name & Address: O'NEAL CONTRACTING, INC.
   P.O. BOX 3505, LAKE CITY, FL 32056
   a. Phone number: 386-752-7578 b. Fax number: 386-755-0240
5. Surety Information:
   a. Name & Address: N/A
   b. Phone number: _____ c. Fax number: _____
   d. Amount of Bond: $ _____
6. Lender's Name & Address: N/A
   a. Phone number: _____ b. Fax number: _____
7. Person within the State of Florida designated by owner upon whom notices or other documents may be served as provided by 713.13 (1) (a), 7 Florida Statues:
   Name & Address: N/A
   a. Phone number: _____ b. Fax number: _____
8. In addition to himself, owner designates _____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified): _____

(signature of owner) John R. Gallaher, Pastor

Sworn to and subscribed before me
this 2nd day of March, 19 2007.

Cindy Edge
Commission # DD308375
Expires July 20, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Notary Cindy Edge

Known Personally/ I.D. Shown FL Drivers License H300-436-47-1340

My commission expires:

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 12-4S-16-02940-002 **Building permit No.** 000025530

Use Classification ADDITION TO CHURCH **Fire:** 0.00

Permit Holder O'NEAL CONTRACTING **Waste:**

Owner of Building EVANGEL CHURCH OF GOD **Total:** 0.00

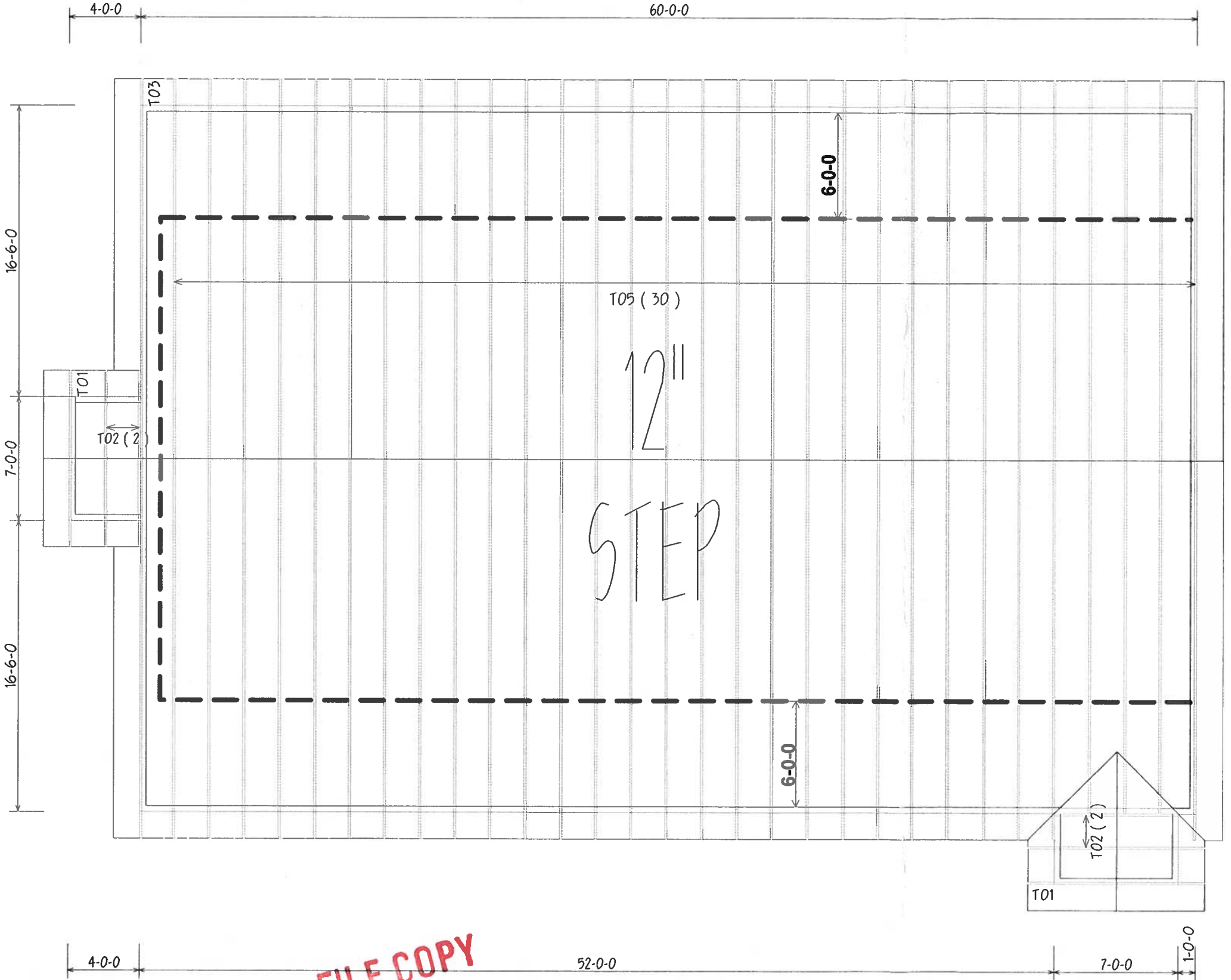
Location: 370 SW MONITER GLENN, LAKE CITY, FL

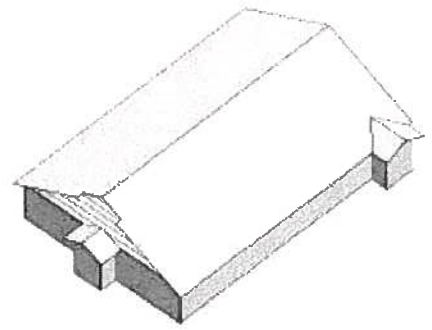
Date: 08/27/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





EXISTING STRUCTURE

BEARING HEIGHT SCHEDULE

9'0"

6/12 PITCH

18" O.H.

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V10S FOR ALTERNATE BRACING REQUIREMENTS.
3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
6) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.
8) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date: _____

Approved by: _____ Date: _____

Builders FirstSource
Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994
Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973
Lake City
PHONE: 386-755-6894 FAX: 386-755-7973
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: O'NEAL

LEGAL ADDRESS: EVANGEL CHURCH OF GOD

MODEL: CUSTOM REVISION: 11/30/06

SCALE: NTS

DATE: 11/22/06 DRAWN BY: JOE JOB #: L218333