

Columbia County Building Permit Application

For Office Use Only Application # 0710-61 Date Received 10/30 By JW Permit # 26413 CP#1032

Application Approved by - Zoning Official BK Date 05-11-07 Plans Examiner OKJH Date 11-5-07

Flood Zone X Development Permit NA Zoning RSF-2 Land Use Plan Map Category Commercial

Comments See ATTACHED letter JTH Finish Floor elevation at 164.5ft Confirmation letter Regu

☒ NOC ☒ EH ☒ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Perm

Name Authorized Person Signing Permit TRICK CARSON Fax 863-325-0044

Address 3391 CYPRESS GRADENS ROAD, WINTER HAVEN, FL 33884 Phone 863-206-2245

Owners Name Grace Covenant SOUTHERN CHURCH Phone 386-758-9990

911 Address 424 SW Pine Mount Rd Lake City FL 32024

Contractors Name Garrard Building Contractors, LLC Phone 863-967-3992

Address 5574 Commercial Blvd Winter Haven FL 33880

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address TMA INC Inter 2916 N. Oak St Valdosta GA 3160

Mortgage Lenders Name & Address Columbia Bank 173 Hillsboro St Lake City FL 32024

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

Property ID Number 33-35-16-02439-002 Estimated Cost of Construction 54,000.00

Subdivision Name --- Lot --- Block --- Unit --- Phase ---

Driving Directions 90-W TO PINE MOUNT RD, 1/2 BLOCK ON THE WEST SIDE OF THE ROAD.

Type of Construction CHURCH FOUNDATION Number of Existing Dwellings on Property 1 Bldg.

Total Acreage 15.00 Lot Size --- Do you need a Culvert Permit or Culvert Waiver or Have an Existing Dri

Actual Distance of Structure from Property Lines - Front 150' Side 72' Side 194' Rear 287'

Total Building Height 14' Number of Stories --- Heated Floor Area 10,240 Roof Pitch ---

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

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

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

Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 26 day of Oct 2007

Personally known --- or Produced Identification ---

Contractor Signature [Signature]
Contractors License Number CBC1253402
Competency Card Number ---
NOTARY STAMPEAL
JANET A. HUGHES
Notary Public - State of Florida
My Commission Expires Dec 27, 2008
Commission # DD 382073
Bonded By National Notary Assn.
Notary Signature [Signature]
(Revised Sept. 2006)

- JW LEFT MESSAGE 11-6-07 -

Columbia County Building Department Culvert Permit

Culvert Permit No.

0000001474

DATE 11/13/2007 PARCEL ID # 33-3S-16-02439-002
APPLICANT RICK CARSON PHONE 863 206-2215
ADDRESS 3391 CYPRESS GARDENS RD WINTER HAVEN FL 33884
OWNER GRACE COVENANT SOUTHERN CHURCH PHONE 758-9990
ADDRESS 424 SW PINEMOUNT RD LAKE CITY FL 32024
CONTRACTOR GARRARD BUILDING CONTRACTORS PHONE 863 967-3992
LOCATION OF PROPERTY 90W. TURN ON PINEMOUNT RD. 1 BLOCK WEST SIDE OF ROAD

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

SIGNATURE

Rick L. Carson

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00





STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-817-N

----- PART II - SITE PLAN -----

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

Grave Covenant
Church

Notes: _____

Site Plan submitted by: X _____ Signature _____ Title Agent
Plan Approved ✓ _____ Not Approved _____ Date 10-18-07
By Mr. D. L. _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 8/29/2007 DATE ISSUED: 8/29/2007

ENHANCED 9-1-1 ADDRESS:

424 SW PINEMOUNT RD

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

33-3S-16-02439-002

Remarks:

GRACE COVENANT SOUTHERN BAPTIST CHURCH

Address Issued By: 
Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

934

Approved Address

AUG 29 2007

911Addressing/GIS Dept

Grace Covenant Church

*4471 US Hwy 90 West
Lake City, FL 32055
(386) 752-0967
(386) 752-1985
gcbc@bellsouth.net*

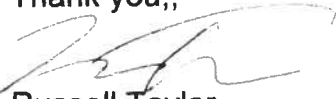
October 17, 2007

To Whom It May Concern:

Grace Covenant Baptist Church authorizes Rick Carson, our Project Manager, to conduct business for the construction of our new church located at 424 SW Pinemount Road, Lake City, FL 32024.

If you have any questions please call me at 867-0248.

Thank you,,



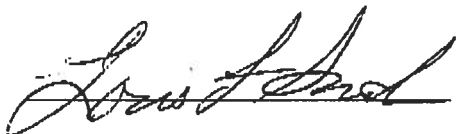
Russell Taylor,
Vice President

To: Columbia County Building Department
135 NE Hernando Ave
Lake City, FL 32056

I, hereby authorize, Rick Carson, to act as my agent in all areas of the permitting procedures for the project of Grace Covenant Church, 424 SW Pine Mount Rd, Lake City, FL with The Columbia County Building Department.

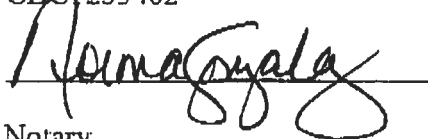
I understand that I remain fully responsible and liable for all acts performed under said permits.

Under penalties of Perjury, I declare that I have read the forgoing authorization letter and that the facts stated in it are true.



10/29/07
Date

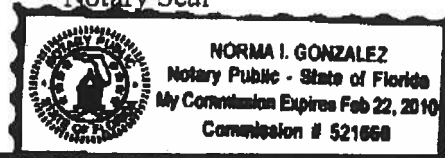
Garrard Building Contractors, LLC
CBC# 1253402



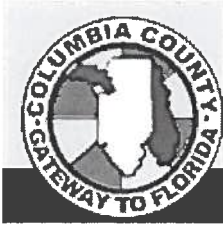
10/29/07
Date

Notary

Notary Seal



5574 Commercial Blvd | Winter Haven, FL 33880
P.O. Box 1430 | Auburndale, FL 33823
CBC# 1253402



From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Mr. Rick Carson

November 5, 2007


Conditions of issuance of a permit for building permit application number 0710-61

A review of structural foundation drawing numbered T-1L, A2.OL, A2.1L and S2.1-L were reviewed. These drawing show constructions of a 10,240 sq.ft structure to be used as a Group A-3 Assembly (intended for worship) building.

The applicant Rick Carson, authorized by Russell Taylor Vice President of Grace Covenant Church request in application 0710-61 that a permit for construction of foundation be issued. Forthcoming plan will be submitted for the construction of the entire structure at a later date.

Phase permit approval is provided by the Florida Building Code, in section 105.13. After submittal of the appropriate construction documents, the building official is authorized to issue a permit for the construction of foundations or any other part of a building or structure before the construction documents for the whole building or structure have been submitted. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure will be granted. Corrections may be required to meet the requirements of the technical codes. Building permit application number 0710-61 is approved allowing the foundation and concrete slab to be installed. A separate building permit will be required for improvement outside the scope of the foundation permit.

Thank You:


Joe Haltiwanger
Columbia County
Plans Examiner

@ CAM112M01	S	CamaUSA Appraisal System	Columbia County
10/30/2007 10:26		Legal Description Maintenance	Land 000
Year T Property		Sel	2700 AG 001
2008 R 33-3S-16-02439-002		...	Bldg 000
			Xfea 000

GRACE COVENANT SOUTHERN

2700 TOTAL B*

1	COMM AT SE COR OF SEC, RUN W	84.95 FT TO W R/W CR-252 (AKA	2
3	PINEMOUNT RD), RUN N 7 DG E	ALONG R/W, 611.78 FT FOR POB,	4
5	RUN W 892.90 FT, N 701.77 FT,	E 996.28 FT TO W R/W CR-252,	6
7	RUN S 11 DG W 313.89 FT,	S 07 DG W 190.13 FT, S 03 DG W	8
9	158.31 FT, S 07 DG W 42.80 FT	TO POB. ORB 1054-1509	10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 9/22/2005 WANDA

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



**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:
GRACE COVENANT CHURCH
4471 US HWY 90
LAKE CITY, FL 32055

PERMIT NUMBER: ERP07-0321
DATE ISSUED: 08/09/2007
DATE EXPIRES: 08/09/2010
COUNTY: COLUMBIA
TRS: S33/T3S/R16E

PROJECT: GRACE COVENANT CHURCH

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

STEVE SMITH
GRACE COVENANT CHURCH
4471 US HWY 90
LAKE CITY, FL 32055

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

Construction and operation of a surfacewater management system serving 0.24 acres of impervious surface on a total project area of 15.0 acres. The project will have a 10,020 square foot building, along with two paved handicap parking spaces. Additional parking will be on grassed areas. A 115 foot long drainage swale will serve as an area for water quality management. Development will be in a manner consistent with the application package submitted by GTC Design Group and received by the District on June 29, 2007. Approved plans are signed and sealed by Brett A. Crews, P.E. on June 29, 2007.

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

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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

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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

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liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the general permit.

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

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

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

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

Approved by  Date Approved 03/08/07
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.

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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:

GRACE COVENANT CHURCH
4471 US HWY 90
LAKE CITY, FL 32055

At 4:00 p.m. this 9 day of Aug, 2007.



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

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Live Oak, Florida 32060

386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP07-0321

ACORD™ CERTIFICATE OF LIABILITY INSURANCEDATE (MM/DD/YY)
9/24/2007PRODUCER
Lassiter-Ware Insurance
of Orange/Seminole, Inc.
PO Box 940159
Maitland, FL 32794-0159
(407) 628-3441

fax: (407) 539-0619

INSURED
Garrard Building Contractors LLC5574 Commercial Blvd
Winter Haven, FL 33880-1008THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION
ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE
HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR
ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.**INSURERS AFFORDING COVERAGE**

INSURER A:	Hartford Fire Insurance Co.	19682
INSURER B:	Hartford Insurance Group	29424
INSURER C:	AmComp Preferred Ins. Co.	10346
INSURER D:		
INSURER E:		

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	21UUNAG1897	02/24/2007	02/24/2008	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire) \$ 300,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 10,000
	<input checked="" type="checkbox"/> Contractual Liab				PERSONAL & ADV INJURY \$ 1,000,000
					GENERAL AGGREGATE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO- JECT <input type="checkbox"/> LOC				
A	AUTOMOBILE LIABILITY	21UUNAG1897	02/24/2007	02/24/2008	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS				
	<input checked="" type="checkbox"/> NON-OWNED AUTOS				
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC \$
					AUTO ONLY: AGG \$
B	EXCESS LIABILITY	21XHUAG1519	02/24/2007	02/24/2008	EACH OCCURRENCE \$ 3,000,000
	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE \$
					\$
	DEDUCTIBLE				\$
	RETENTION \$				\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WCV7065481	02/21/2007	02/21/2008	<input checked="" type="checkbox"/> WC STATU- TORY LIMITS <input type="checkbox"/> OTH- ER
					E.L. EACH ACCIDENT \$ 1,000,000
					E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
					E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	OTHER Inland Marine	21UUNAG1897	02/24/2007	02/24/2008	Rented/leased equipment @ 125,000 maximum any one item 1,000 per occurrence ded.

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER

ADDITIONAL INSURED; INSURER LETTER:

CANCELLATION

COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave.
LAKE CITY, FL 32056SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION
DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN
NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL
IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR
REPRESENTATIVES.AUTHORIZED REPRESENTATIVE
Christopher McClain



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

GARRARD, LOUIS F
GARRARD BUILDING CONTRACTORS LLC
P.O. BOX 1430
AUBURNDALE FL 33823

RECEIVED JUL 05 2006



STATE OF FLORIDA

AC# 2625427

DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CBC1253402 06/22/06 050845468

CERTIFIED BUILDING CONTRACTOR
GARRARD, LOUIS F
GARRARD BUILDING CONTRACTORS LLC

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date: AUG 31, 2008 L06062200683

DETACH HERE

AC# 2625427

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L06062200683

DATE	BATCH NUMBER	LICENSE NBR
06/22/2006	050845468	CBC1253402

The BUILDING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2008

GARRARD, LOUIS F
GARRARD BUILDING CONTRACTORS LLC
5574 COMMERCIAL BLVD
WINTER HAVEN FL 33881

JEB BUSH
GOVERNOR

DISPLAY AS REQUIRED BY LAW

SIMONE MARSTILLER
SECRETARY



Start: 135 Ne Hernando Ave
Lake City, FL 32055-4003, US

End: 424 Sw Pinemount Rd
Lake City, FL 32024, US

Notes:

Only text visible within note field will print.

LendingTree WHEN BANKS COMPETE, YOU WIN®

- [Refinance](#)
- [30-Year Fixed Rates](#)
- [Cash Out Refinance](#)
- [15-Year Fixed Rates](#)
- [Compare Low Rates](#)
- [5-Year ARM](#)

Current Offers from LendingTree®

\$400,000 Loan for Only \$1,875/Mo*

\$300,000 Loan for Only \$1,406/Mo*

\$200,000 Loan for Only \$938/mo*

*Terms & Conditions Apply

Directions

Distance

Total Est. Time: 8 minutes

Total Est. Distance: 4.22 miles



1: Start out going SOUTH on N HERNANDO ST toward E ORANGE ST.

<0.1 miles



2: Turn RIGHT onto US-90 / E DUVAL ST / FL-10 / FL-100. Continue to follow US-90 W.

3.8 miles



3: Turn LEFT onto SW PINEMOUNT RD / CR-252.

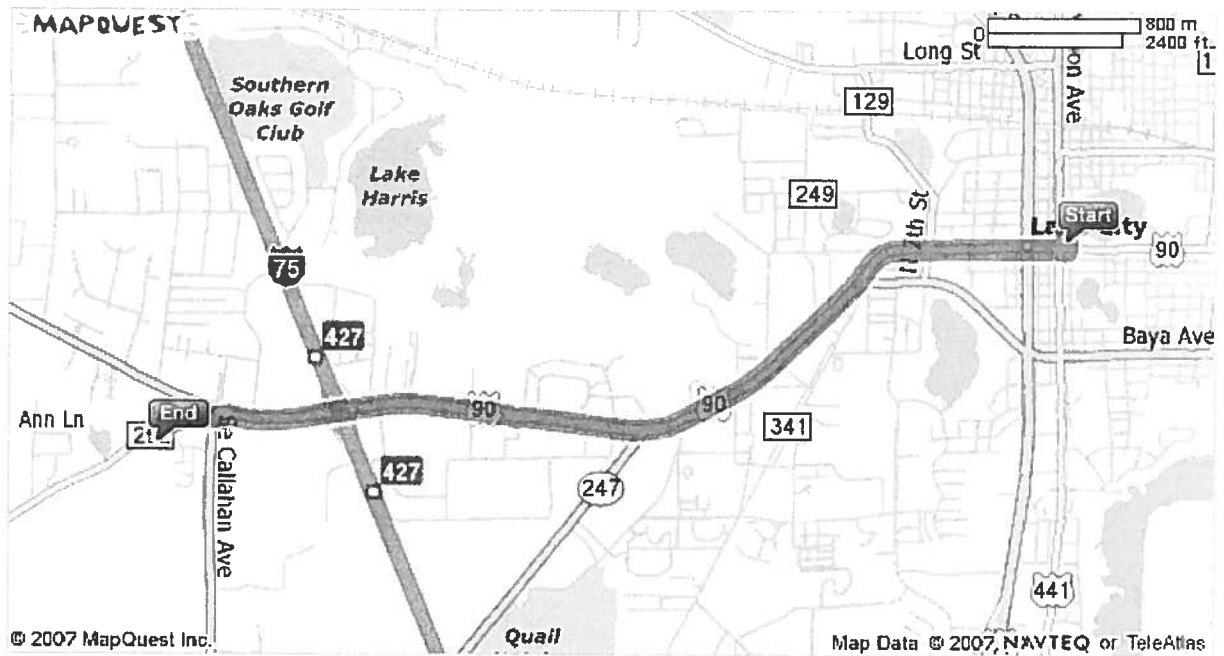
0.3 miles



4: End at 424 Sw Pinemount Rd
Lake City, FL 32024, US

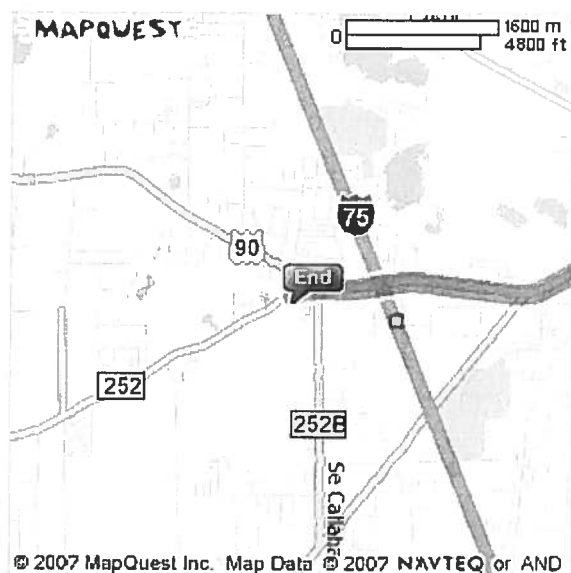
Total Est. Time: 8 minutes

Total Est. Distance: 4.22 miles



Start:
135 Ne Hernando Ave
Lake City, FL 32055-4003, US

End:
424 Sw Pinemount Rd
Lake City, FL 32024, US



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These directions are informational only. No representation is made or warranty given as to their content, road conditions or route usability or expeditiousness. User assumes all risk of use. MapQuest and its suppliers assume no responsibility for any loss or delay resulting from such use.



IMPERIAL POLK COUNTY LOCAL BUSINESS TAX RECEIPT

LICENSE / ACCT # 9970015571

EXPIRES 9/30/2008

CLASS

LOCATION: 5574 COMMERCIAL BLVD
16 - WINTER HAVEN - NOT IN CITY

OWNER: LOUIS F. GARRARD

230080 CONTRACTOR BUILDING



GARRARD BUILDING CONTRACTORS, LLC.

PO BOX 1430
AUBURNDALE, FL 33823-0000

BUS TAX TYPE:	RENEWAL	ADDL FEE:	PENALTIES:	TOTAL:	55.00
BASE TAX:	55.00				

JOE G. TEDDER, TAX COLLECTOR 430 E MAIN ST. • PO BOX 2016 • BARTOW, FL 33831-2016 TEL (863) 534-4731 • www.PolkTaxes.com

THIS POLK COUNTY LOCAL BUSINESS TAX RECEIPT MUST BE CONSPICUOUSLY DISPLAYED AT THE BUSINESS LOCATION

PAID-4102169.0001-0003 419 08/10/2007 140.00

COLUMBIA COUNTY BUILDING DEPARTMENT

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

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

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

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant

Plans Examiner

- | | | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Designers name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Two (2) Copies of Approved Site Plan</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Minimum Type Construction (FBC Table 500)</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Wind Load Engineering Summary, calculations and any details required:</u>
a) Plans or specifications must state compliance with FBC Section 1606
b) The following information must be shown as per section 1606.1.7 FBC <ol style="list-style-type: none">1. Basic wind speed (MPH)2. Wind importance factor (I) and building category3. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated4. The applicable internal pressure coefficient5. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional |
| <input type="checkbox"/> | <input type="checkbox"/> | <u>Fire Resistant Construction Requirements shall include:</u>
a) Fire resistant separations (listed system)
b) Fire resistant protection for type of construction
c) Protection of openings and penetrations of rated walls (listed systems)
d) Fire blocking and draft-stopping
e) Calculated fire resistance |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | |

Thomas C. Negorah
ARCHITECT 9/12/07

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

- | | | |
|-------------------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | a) Fire sprinklers |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b) Fire alarm system (early warning) with name of licensed installer. If not shown on plans or not known at time of permitting, a separate permit shall be required by the licensed installer |
| <input type="checkbox"/> | <input type="checkbox"/> | c) Smoke evacuation system schematic |
| <input type="checkbox"/> | <input type="checkbox"/> | d) Stand-pipes
Pre-engineered system
Riser diagram |

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

- | | | |
|-------------------------------------|--------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a) Occupancy load and egress capacity |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b) Early warning |
| <input type="checkbox"/> | <input type="checkbox"/> | c) Smoke control |
| <input type="checkbox"/> | <input type="checkbox"/> | d) Stair pressurization |
| <input type="checkbox"/> | <input type="checkbox"/> | e) Systems schematic |

Occupancy Load/Egress Requirements shall include:

- | | | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a) Occupancy load (gross and net) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b) Means of egress
exit access, exit and exit discharge |
| <input type="checkbox"/> | <input type="checkbox"/> | c) Stair construction/geometry and protection |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d) Doors |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | e) Emergency lighting and exit signs |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | f) Specific occupancy requirements
1. Construction requirements
2. Horizontal exits/exit passageways |

Structural Requirements shall include:

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

Materials shall include:

- | | | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a) Wood |
| <input type="checkbox"/> | <input type="checkbox"/> | b) Steel |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c) Aluminum |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d) Concrete |
| <input type="checkbox"/> | <input type="checkbox"/> | e) Plastic |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | f) Glass (mfg. Listing for wind zone including details for installation and attachments) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | g) Masonry |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | h) Gypsum board and plaster |
| <input type="checkbox"/> | <input type="checkbox"/> | i) Insulating (mechanical) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | j) Roofing (mfg. Listed system for wind zone with installation and attachments) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | k) Insulation |

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Accessibility Requirements shall include:

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

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Interior Requirements shall include:

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

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Special Systems shall include:

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

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

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Electrical:

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

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Plumbing:

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

Mechanical:

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

Gas:

- | | | |
|--------------------------|--------------------------|----------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | a) Gas piping |
| <input type="checkbox"/> | <input type="checkbox"/> | b) Venting |
| <input type="checkbox"/> | <input type="checkbox"/> | c) Combustion air |
| <input type="checkbox"/> | <input type="checkbox"/> | d) Chimney's and vents |
| <input type="checkbox"/> | <input type="checkbox"/> | e) Appliances |
| <input type="checkbox"/> | <input type="checkbox"/> | f) Type of gas |
| <input type="checkbox"/> | <input type="checkbox"/> | g) Fireplaces |
| <input type="checkbox"/> | <input type="checkbox"/> | h) LP tank locations |
| <input type="checkbox"/> | <input type="checkbox"/> | i) Riser diagram/shut offs |

Disclosure Statement for Owner Builders

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

Private Potable Water:

- | | | |
|--------------------------|--------------------------|-----------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | a) Size of pump motor |
| | | b) Size of pressure tank |
| | | c) Cycle stop valve if used |

Florida Energy Efficiency Code For Building Construction
Florida Department of Community Affairs
FLA/COM 2004 v2.5 – Form 400A-2004
Method A: Whole Building Performance Method for Commercial Buildings

PROJECT SUMMARY

Short Desc: Grace Covenant Owner: Grace Covenant Church Address1: Enter Address here Address2: Enter Address here Type: Religious Building Jurisdiction: LAKE CITY, COLUMBIA COUNTY, FL (221200) Cond Area: 7200 SF No of Storeys: 1 Permit No: 0	Description: Grace Covenant Church City: Lake City State: FL Zip: 0 Class: New Finished building Cond & UnCond Area: 7200 SF Area entered from Plans 0 SF Max Tonnage 35 If different, write in: _____
--	---

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	12,771.6	17,214.0	PASSES
LIGHTING CONTROLS			PASSES
EXTERNAL LIGHTING			None Entered
HVAC SYSTEM			PASSES
PLANT			None Entered
WATER HEATING SYSTEMS			PASSES
PIPING SYSTEMS			PASSES
Met all required compliance from Check List?			Yes/No/NA

IMPORTANT NOTE: An input report of this design building must be submitted along with this Compliance Report.

CERTIFICATIONS

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

Prepared By: James L. Burch

Building Official: _____

Date: 09.12.07

Date: _____

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: Thomas Gregory

Date: 9/13/07

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

Architect: Thomas Gregory

Reg No: AR 6171

Electrical Designer: James L. Burch

Reg No: PE/12465

Lighting Designer: James L. Burch

Reg No: PE/12465

Mechanical Designer: James L. Burch

Reg No: PE/12465

Plumbing Designer: James L. Burch

Reg No: 11

(*) 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: Grace Covenant
Title: Grace Covenant Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Building End Uses

	Design	Reference
Total	74.64	100.00
	\$12,772	\$17,214
ELECTRICITY(MBtu/k	74.64	100.00
Wh/\$)	253909	340197
	\$12,772	\$17,214
AREA LIGHTS	9.79	15.56
	33320	52917
	\$1,676	\$2,678
MISC EQUIPMT	3.10	3.10
	10549	10549
	\$531	\$534
PUMPS & MISC	7	5
	\$0	\$0
SPACE COOL	23.89	37.46
	81270	127433
	\$4,088	\$6,448
SPACE HEAT	9.01	11.44
	30645	38908
	\$1,541	\$1,969
VENT FANS	28.85	32.45
	98118	110385
	\$4,935	\$5,585

Credits & Penalties (if any): Modified Points: = 74.65

PASSES

External Lighting Compliance				
Description	Category	Allowance (W/Unit)	Area or Length ELPA or No. of Units (Sqft or ft)	CLP (W)
None				

Project: Grace Covenant
 Title: Grace Covenant Church
 Type: Religious Building
 (WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance							
Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compliance
Pr0ZolSp1	.001	Worship-Pulpit, Choir	7,200	1	10	3	PASSES
PASSES							

Project: Grace Covenant
 Title: Grace Covenant Church
 Type: Religious Building
 (WEA File: JACKSONVILLE.TMY)

System Report Compliance							
Pr0Sy1	System 1	Constant Volume Packaged System--902					No. of Units 1
Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled 240000 to 760000 Btu/h Cooling Capacity		14.00	9.50	10.00	9.70	PASSES
Heating System	Air Cooled HP > 135000 Btu/h Cooling Capacity		3.74	3.10			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		8.00	6.00			PASSES
PASSES							

Plant Compliance								
Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance
								None

Project: Grace Covenant
Title: Grace Covenant Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance							
Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance
Water Heater 1	Electric water heater	<= 12 [kW]	0.97	0.92			PASSES
							PASSES

Project: Grace Covenant
Title: Grace Covenant Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Piping System Compliance							
Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance
Domestic and Service Hot Water Systems	0.75	False	140.00	0.28	1.50	0.50	PASSES
<div>PASSES</div>							

Project: Grace Covenant
Title: Grace Covenant Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Other Required Compliance

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

For: Grace Covenant Church
 Zone: Grace Church
 Job #: Grace Covenant Church
 City: Gainesville, FL, US
 By: Advanced Engineering Concepts
 LWH: 150.0 x 48.0 x 18.0
 Units: U.S. customary (I-P)

Page: 1

1. DESIGN CONDITIONS - COOLING

(3PM , August)

		Dry Blb	RH	Moisture	Range	Wet Blb
Outdoor Conditions	→	97	46		19	79
Indoor Conditions	→	72	50			60
TOD Correction	→	0				

Difference

25

63

[Mult = 1.0]

2. GLAZING SOLAR HEAT GAIN

(Lat = 29.68 °N, Const Wt = M)

Type	Dir	Shad	Tilt	%ovr	Area	Sfact	Shgf	Shad	Sens
GLAZ 1	s	N	90	0.0	36	0.94	59	1.0	1997
GLAZ 1	n	N	90	100.0	108	0.94	28	1.0	2843
GLAZ 1	e	N	90	100.0	108	0.94	64	1.0	2843

3. TRANSMISSION GAINS

Type	Dir	GrArea	NtArea	Uval	Grp	CLTD	Shad	Clr	Sens
GLAZ 1	s	36	36	1.040		25.0	N	-	936
GLAZ 1	n	108	108	1.040		25.0	N	-	2808
GLAZ 1	e	108	108	1.040		25.0	N	-	2808
WALL 1	s	2067	2067	0.072	B	17.8	N	L	2642
WALL 1	n	2082	2082	0.072	B	14.5	N	L	2174
WALL 1	w	729	729	0.072	B	17.8	N	L	932
WALL 1	e	642	642	0.072	B	24.3	N	L	1121
DOOR 1	s	147	147	0.560		25.0	-	-	2058
DOOR 1	n	63	63	0.560		25.0	-	-	882
DOOR 1	w	21	21	0.560		25.0	-	-	294
DOOR 1	e	0	0	0.560		25.0	-	-	0
FLOR 1	-	400	400	0.810		0.0	-	-	0
ROOF 1	-	7200	7200	0.030	RC-1	86.7	-	D	18716

4. INTERNAL HEAT GAIN

ERNAL HEAT GAIN								Sens	Latent
People	266	x	Per person:	sensible	225	latent	105	59850	27930
	0	x	Per person:	sensible	300	latent	300	0	0
Lights	Incandescents in RA Ceiling			0	x 3.4	x 60%	0		
	Fluorescents in RA Ceiling			0	x 4.1	x 60%	0		
	Incandescents other			0	x 3.4	x 100%	0		
	Fluorescents other			10800	x 4.1	x 100%	44280		
Motors	Nmbr	Power		Gain	Load Fact		Usage		
1	1	0.33		1500	1.00		1.00	1500	
2	1	0.00		0	1.00		1.00	0	
3	1	0.00		0	1.00		1.00	0	

Job #: Grace Covenant Church

Page: 2

Appl.	Nmbr	Type	Sens	Latent	Usage		
1	1		0	0	1.00	0	0
2	1		0	0	1.00	0	0
3	1		0	0	1.00	0	0
4	1		0	0	1.00	0	0
5	1		0	0	1.00	0	0
Other	1		0	0	1.00	0	0

5. INFILTRATION						Sens	Latent
	0	cfm	→	x	db Temp Diff	25.0	x 1.1
			→	x	Moist. Diff	63.4	x 0.68
							0

6. SUBTOTAL COOLING LOAD FOR SPACE						148682	27930
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7. SUPPLY DUCT HEAT GAIN							
Gain factor	0.10			x	Line 6 Sensible Gain		14868

8. COOLING FAN SIZING							
Sum of Duct Gain	(7),	Line (6)	&	Drawthru Fan	=	163550	
Est Cooling	cfm	= (163550)	/ (1.1 x 17.0)	=	8794
Actual Cooling Fan							8794

9. VENTILATION							
	2305	cfm	→	x	db Temp Diff	25.0	x 1.1
			→	x	Moist. Diff	63.4	x 0.68
						63042	
							98863

10. RETURN AIR LOAD FROM LIGHTING AND ROOF							
Incandescent Lights	0	Watts	x	3.4	x	40%	0
Fluorescent Lights	0		x	4.1	x	40%	0
RA Roof Load				from Line 3		(+)	0
RA Ceiling Load Credit				from Line 3		(-)	0

11. RETURN DUCT HEAT GAIN							
Gain factor	0.10			x	Line 6 Sensible Gain		14868

12. TOTAL COOLING LOADS ON EQUIPMENT (Btuh)						241461	126793
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SPACE HEATING LOAD CALCULATION

13. HEATING DESIGN TEMPERATURE

Heating TD = (Inside DB - Outside DB) = (72 - 33) = 39

[Mult = 1.0]

14. TRANSMISSION LOSSES

Type	Expos	GrArea	NetArea	Uval	HTD	Loss
GLAZ	1 s	36	36	1.100	39.0	1544
GLAZ	1 n	108	108	1.100	39.0	4633
GLAZ	1 e	108	108	1.100	39.0	4633
WALL	1 s	2067	2067	0.072	39.0	5804
WALL	1 n	2082	2082	0.072	39.0	5846
WALL	1 w	729	729	0.072	39.0	2047
WALL	1 e	642	642	0.072	39.0	1803
DOOR	1 s	147	147	0.560	39.0	3210
DOOR	1 n	63	63	0.560	39.0	1376
DOOR	1 w	21	21	0.560	39.0	459
DOOR	1 e	0	0	0.560	39.0	0
FLOR	1 -	400	400	0.810	39.0	12636

15. INFILTRATION
1296 cfm x db Temp Diff 39.0 x 1.1 Loss
55296

16. SUBTOTAL HEATING LOAD FOR SPACE 107712

17. SUPPLY DUCT HEAT LOSS
Loss factor 0.10 x Line 16 Loss 10771

18. VENTILATION
2350 cfm x db Temp Diff 39.0 x 1.1 100266

19. HUMIDIFICATION
Inside RH desired : 32.0 (Max = 32.0 for 1 pane)
of Glazing panes : 1.0 (Max = 52.0 for 2 pane)
3646 cfm x 2.80 g/100cfm/d = 102 gpd 37838

20. RETURN DUCT HEAT LOSS
Loss factor 0.10 x Line 16 Loss 10771

21. TOTAL HEATING LOAD ON EQUIPMENT (Btuh)

267358

EnergyGauge Summit v3.10
INPUT DATA REPORT

Project Information

Project Name: Grace Covenant
Project Title: Grace Covenant Church
Address: Enter Address here
Enter Address here
State: FL
Zip: 0
Owner: Grace Covenant Church

Orientation: East
Building Type: Religious Building
Building Classification: New Finished building
No.of Storeys: 1
GrossArea: 7200 SF

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]
1	Pr0Zo1	Zone 1	CONDITIONED	7200.0	1	7200.0

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multi plier	Total Area [sf]	Total Volume [cf]
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In Zone: Pr0Zo1									
1	Pr0Zo1Sp1	Zo0Sp1	Worship-Pulpit, Choir	48.00	150.00	18.00	1	7200.0	129600.0 <input type="checkbox"/>

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No. of Ctrl pts
In Zone: Pr0Zo1							
In Space: Pr0Zo1Sp1							
1	Recessed Fluorescent - No vent	General Lighting	68	160	10880	Manual On/Off	10 <input type="checkbox"/>

Walls

No	Description	Type	Width H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.s.f.F/Btu]
In Zone: Pr0Zo1										
1	Pr0Zo1Wa1	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	150.00	1	2250.0	South	0.1043	8.982	67.36	9.6 <input type="checkbox"/>
2	Pr0Zo1Wa2	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	150.00	1	2250.0	North	0.1043	8.982	67.36	9.6 <input type="checkbox"/>
3	Pr0Zo1Wa3	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	50.00	1	900.0	West	0.1043	8.982	67.36	9.6 <input type="checkbox"/>
4	Pr0Zo1Wa4	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	50.00	1	750.0	East	0.1043	8.982	67.36	9.6 <input type="checkbox"/>

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHGC	Vis.Tra	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]
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In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa1											
1	Pr0Zo1Wa1Wi1	User Defined	No	1.2500	0.82	0.76	3.00	6.00	2	36.0	<input type="checkbox"/>
In Wall: Pr0Zo1Wa2											
1	Pr0Zo1Wa2Wi1	User Defined	No	1.2500	0.82	0.76	3.00	6.00	7	126.0	<input type="checkbox"/>
In Wall: Pr0Zo1Wa4											
1	Pr0Zo1Wa4Wi1	User Defined	No	1.2500	0.82	0.76	3.00	6.00	6	108.0	<input type="checkbox"/>

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. Heat Cap. [lb/cf] [Btu/sf. F]	R-Value [h.s.f.F/Btu]		
In Zone: Pr0Zo1												
In Wall: Pr0Zo1Wa1												
1	Pr0Zo1Wa1Dr1	Aluminum door, 1.25 in. polystyrene	No	3.00	7.00	7	21.0	0.1919	43.67	0.53	5.21	<input type="checkbox"/>
In Wall: Pr0Zo1Wa2												
1	Pr0Zo1Wa2Dr1	Aluminum door, 1.25 in. polystyrene	No	3.00	7.00	3	21.0	0.1919	43.67	0.53	5.21	<input type="checkbox"/>
In Wall: Pr0Zo1Wa3												
1	Pr0Zo1Wa3Dr1	Aluminum door, 1.25 in. polystyrene	No	3.00	7.00	1	21.0	0.1919	43.67	0.53	5.21	<input type="checkbox"/>

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap Dens. [lb/cf]	R-Value [h.s.f.F/Btu]		
In Zone: Pr0Zo1												
1	Pr0Zo1Rf1	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	150.00	48.00	1	7200.0	0.00	0.0320	1.50	8.22	31.2	<input type="checkbox"/>

Skylights

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

In Roof:

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Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. Dens. [Btu/sf. F]	R-Value [h.s.f.F/Btu]
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In Zone: Pr0Zo1

1 Pr0Zo1F1

Concrete floor,
carpet and rubber
pad

150.00

48.00

1

7200.0

0.5987

9.33

140.00

1.67

☐

Systems

Pr0Sy1 System 1

Constant Volume Packaged System-
-902

No. Of Units 1

Component	Category	Capacity	Efficiency	IPLV
1	Cooling System (Air Cooled 240000 to 760000 Btu/h Cooling Capacity)	420000.00	14.00	10.00
2	Heating System (Air Cooled HP > 135000 Btu/h Cooling Capacity)	420000.00	3.74	
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	14000.00	0.80	
4	Air Distribution System (ADS System)	8.00		

Plant				
Equipment	Category	Size	Inst.No	Eff. IPLV

Water Heaters				
W-Heater Description	CapacityCap.Unit	I/P Rt.	Efficiency	Loss
1 Electric water heater	6 [Gal]	2 [kW]	0.9700 [Ef]	[Btu/h]

Ext-Lighting						
Description	Category	No. of Luminares	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]

Piping						
No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?
1	Domestic and Service Hot Water Systems	140.00	0.28	0.75	1.50	No

Fenestration Used					
Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VL/T
ASHULSgIClrAll Frm	User Defined	1	1.2500	0.8200	0.7600

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.s.f.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]
264	Matl264	ALUMINUM, 1/16 IN	No	0.0002	0.0050	26.0000	480.00	0.1000
214	Matl214	POLYSTYRENE, EXP., 1-1/4IN,	No	5.2100	0.1042	0.0200	1.80	0.2900
187	Matl187	GYP OR PLAS BOARD, 1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000
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				
266	Matl266	2x4@16" oc + R11 Batt	No	8.3343	0.2917	0.0350	9.70	0.2000
86	Matl86	BRICK, COMMON, 4IN	No	0.8012	0.3333	0.4160	120.00	0.2000
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.s.f.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.s.f.F/Btu]
1002	Aluminum door, 1.25 in. polystyrene	No	No	0.19	0.53	43.67	5.2
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	264	ALUMINUM, 1/16 IN	0.0050	0.000			
2	214	POLYSTYRENE, EXP., 1-1/4IN,	0.1042	0.000			
3	264	ALUMINUM, 1/16 IN	0.0050	0.000			

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	1.7
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.000			
2	178	CARPET W/RUBBER PAD		0.000			
No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1012	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	No	No	0.10	8.98	67.36	9.6
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	86	BRICK, COMMON, 4IN	0.3333	0.000			
2	266	2x4@16" oc + R11 Batt	0.2917	0.000			
3	187	GYP OR PLAS BOARD, 1/2IN	0.0417	0.000			
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	31.2
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	81	ASPHALT-ROOFING, ROLL		0.000			
2	244	PLYWOOD, 1/2IN	0.0417	0.000			
3	12	3 in. Insulation	0.2500	0.000			
4	23	6 in. Insulation	0.5000	0.000			
5	187	GYP OR PLAS BOARD, 1/2IN	0.0417	0.000			