Columbia County Building Permit Application

For Office Use Only Application # 0704-24 Date Received 4-11-07 By LH Permit # 26309

Application Approved by - Zoning Official BLK Date 4.11.07 Plans Examiner OK JH Date 10-3-07

Flood Zone AE Development Permit YES Zoning ESA-2 Land Use Plan Map Category ESA

Comments Section 23.1 Legal Non-conforming Lt of Rec'd / Not Exceeding 50% Value of existing dwelling

☐ NOC ☐ EH ☑ Deed or PA ☐ Site Plan Floodway NP ☑ State Road Info ☐ Parent Parcel # ☑ Development Permit

Name Authorized Person Signing Permit Michael Gianikas Phone 386-462-1275 Fax 386-462-7752

Address PO Box 2467, Alachua, FL 32616

Owners Name Michael & Erin Gianikas Phone 386-462-7752

911 Address 492 SE Riverview Circle, High Springs (Columbia County)

Contractors Name Same Phone

Address

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Colacino Drafting & Design, 1223 SW 186th St, Newberry 32669

Mortgage Lenders Name & Address n/a

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

Property ID Number 27-7S-17-10055-108 Estimated Cost of Construction 10,000

Subdivision Name n/a Lot ___ Block ___ Unit ___ Phase ___

Driving Directions US Hwy 441 South, left onto SE Riverview Circle (last left in Columbia County before crossing Santa Fe River), ~~first left onto dirt road, first~~ 1st house on left

Type of Construction Addition to SFD Number of Existing Dwellings on Property 1

Total Acreage 1.8 Lot Size ___ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 98' Side 35' Side 135' Rear 108'

Total Building Height 14' Number of Stories 2 Heated Floor Area 1344 ft² Roof Pitch Flat

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

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

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

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 10th day of April 2007

GALE TEDDER MY COMMISSION # DD 322586 EXPIRES: June 28, 2008 Bonded Thru Notary Public Underwriters

Notary Signature

Personally known ___ or Produced Identification DL

(Revised Sept. 2006)

BAILEY BISHOP & LANE, INC.
Engineers *Surveyors* *Planners*

January 11, 2007

ZERO RISE CERTIFICATION

PROPERTY DESCRIPTION: ***Parcel North of Lot 8 & East of Lot 28 River View Subdivision***

OWNER: ***Mike Gianikis***

BASE FLOOD ELEVATION (WITHOUT FLOODWAY): ***49.0***

BASE FLOOD ELEVATION (WITH FLOODWAY): ***50.0***

COMMUNITY-PANEL NUMBER: ***120070 0290 B***

EXISTING CONDITIONS: Lower level of existing residence is enclosed.

PROJECT REQUIREMENTS: Minimum Finish Floor Elevation ***50.0***
Minimum Flooring Support (i.e. Girders, Joists) Elevation ***49.0***
All footers to be below grade. The lower level of the addition shall not be enclosed.

I hereby certify that construction of the proposed addition to the residence will not increase flood elevations of the Santa Fe River at the project location.

Gregory G. Bailey, P.E.
Date: January 11, 2007

P. O. Box 3717 Lake City, FL 32056-3717 Ph. (386) 752-5640 FAX (386) 755-7771

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0323-E

PART II - SITE PLAN

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

SEE ATTACHED

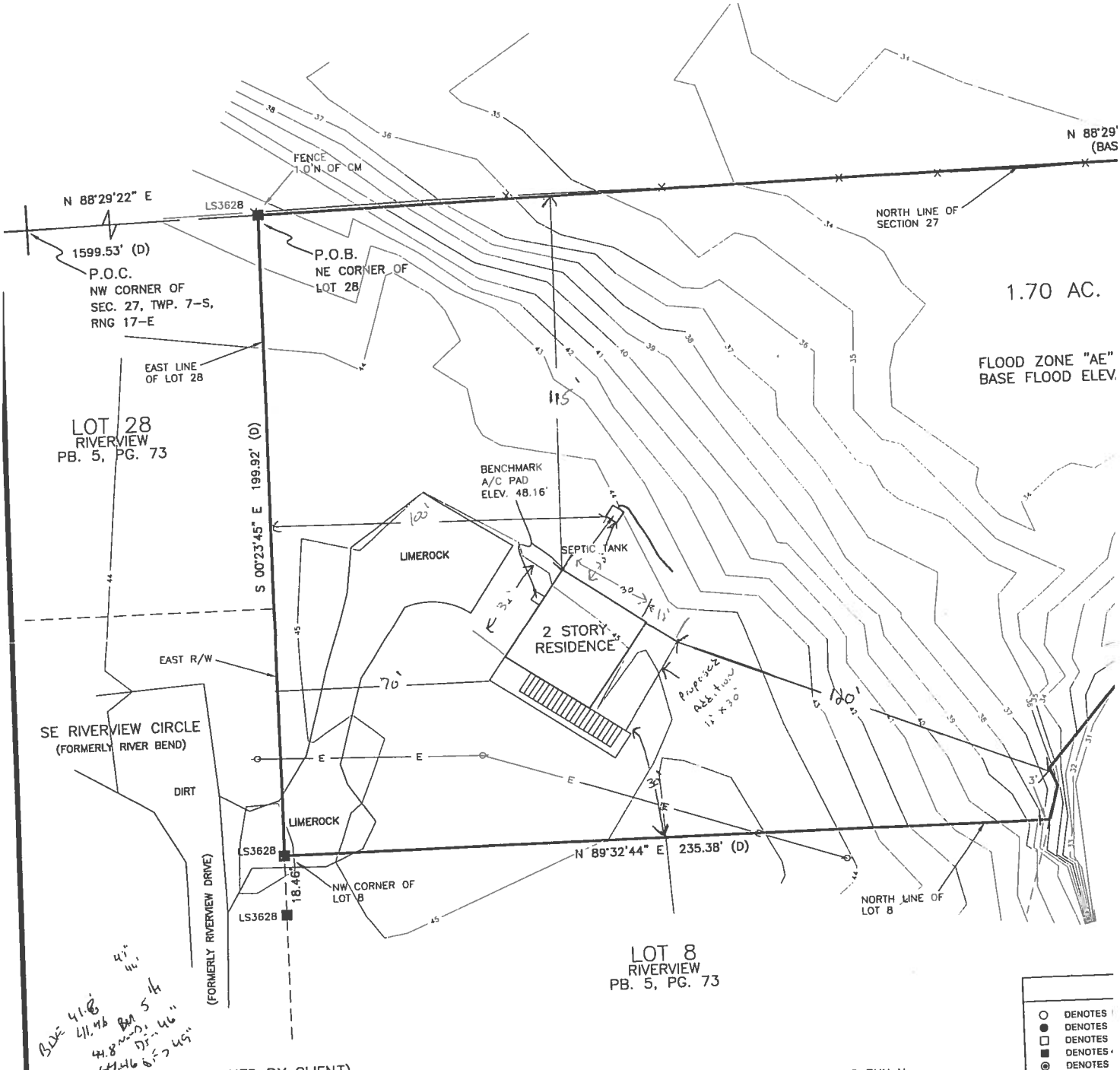
Notes: _____

Site Plan submitted by: _____ (Signature) OWNER (Title)

Plan Approved X Not Approved _____ Date 6.5.07

By Sallie Ford EHS Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



DESCRIPTION: (FURNISHED BY CLIENT)

COMMENCE AT THE NORTHWEST CORNER OF SECTION 27, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA AND RUN N 88°29'22" E ALONG THE NORTH LINE OF SAID SECTION 27, 1599.53 FEET TO THE NORTHEAST CORNER OF LOT 28 OF RIVER VIEW AND THE POINT OF BEGINNING; THENCE S 00°23'45" E ALONH THE EAST LINE OF SAID LOT 28 AND THE EAST RIGHT-OF-WAY LINE OF RIVERVIEW DRIVE 199.92 FEET TO THE NORTHWEST CORNER OF LOT 8; THENCE N 89°32'44" E ALONG THE NORTH LINE OF SAID LOT 8, 235.38 FEET TO A CONCRETE MONUMENT; THENCE CONTINUE N 89°32'44" E ALONG SAID NORTH LINE 3 FEET, MORE OR LESS, TO THE TOP OF BANK OF THE SANTA FE RIVER; THENCE NORTHEASTERLY ALONG SAID TOP OF BANK 400 FEET, MORE OR LESS, TO THE NORTH LINE OF SAID SECTION 27; THENCE S 88°29'22" W ALONG THE NORTH LINE OF SAID SECTION 27, 2 FEET, MORE OR LESS, TO A CONCRETE MONUMENTS; THENCE CONTINUE S 88°29' 22" W ALONG SAID NORTH LINE, 551.76 FEET TO THE POINT OF BEGINNING.

NOTES:

1. BEARINGS ARE BASED ON THE NORTH LINE OF SECTION 27, TOWNSHIP 7 SOUTH, RANGE 17 EAST, BEING N 88°29'22" E.
2. ELEVATIONS WERE ESTABLISHED FROM SURVEY BY DONALD F. LEE and ASSOCIATES, INC. DATED 3/1/2006.

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- PI - POINT OF IN
- PRC - POINT OF
- PCC - POINT OF
- R - RADIUS
- T - TANGENT
- L - ARC LENGTH

Columbia County Property Appraiser

DB Last Updated: 4/11/2007

Parcel: 27-7S-17-10055-108 HX

2007 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	GIANIKAS MICHAEL P & ERIN F		
Site Address	*ADDR & HX NOTE		
Mailing Address	P O BX 2467 ALACHUA, FL 32616		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	27717.01	**Tax District**	3
UD Codes	MKTA02	**Market Area**	02
Total Land Area	1.820 ACRES		
Description	LOT 8 RIVER VIEW S/D & ALSO COMM NW COR SEC, RUN E 1599.53 FT TO NE COR LOT 28 SAID S/D FOR POB, RUN S 199.92 FT TO NW COR OF LOT 8, RUN E 238.38 FT TO TOP OF RIVER BANK, NE'LY ALONG RIVER BANK 400 FT, W 553.76 FT TO POB. ORB 649-023-026, ORB 898-945,		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (2)	$43,369.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$65,190.00
XFOB Value	cnt: (2)	$760.00
Total Appraised Value		$109,319.00

Just Value		$109,319.00
Class Value		$0.00
Assessed Value		$101,336.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$76,336.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
2/25/2000	898/945	WD	I	Q		$105,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1975	Single Sid (04)	1568	2088	$65,190.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	0	$460.00	1.000	0 x 0 x 0	(.00)
0263	PRCH,USP	0	$300.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	99.100 FF - (.000AC)	1.00/1.00/1.00/1.00	$145.00	$14,369.00
000100	SFR (MKT)	400.000 FF - (1.820AC)	1.00/1.00/.50/1.00	$72.50	$29,000.00

Columbia County Property Appraiser

DB Last Updated: 4/11/2007

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

(X) Single Family Dwelling
( ) Farm Outbuilding
( ) Two-Family Residence
( ) Other_____

NEW CONSTRUCTION OR IMPROVEMENT

( ) New Construction
(X) Addition, Alteration, Modification or other Improvement

I Michael Gianikas, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Owner Builder Signature Date

GALE TEDDER
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

The above signer is personally known to me or produced identification DL

Notary Signature Gale Tedder Date 4-10-07 (Stamp / Seal)

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date_____ Building Official/Representative_____

Columbia County Building Department
Flood Development Permit

Development Permit
F 023- 07-013

DATE 10/03/2007 BUILDING PERMIT NUMBER 000026309

APPLICANT MICHAEL GIANIKAS PHONE 386-462-7752

ADDRESS PO BOX 2467 ALACHUA FL 32616

OWNER MICHAEL & ERIN GIANIKAS PHONE 386-462-7752

ADDRESS 492 SE RIVERVIEW CIRCLE HIGH SPRINGS FL 32643

CONTRACTOR OWNER BUILDER PHONE

ADDRESS FL

SUBDIVISION RIVERVIEW Lot 8 Block Unit Phase

TYPE OF DEVELOPMENT SFD, ADDITION, UTLY PARCEL ID NO. 27-7S-17-10055-108

FLOOD ZONE AE/F BY BK 1-6-88 FIRM COMMUNITY #. 120070 - PANEL #. 290 B

FIRM 100 YEAR ELEVATION 49' PLAN INCLUDED YES or NO

→ REQUIRED LOWEST HABITABLE FLOOR ELEVATION 50'

IN THE REGULATORY FLOODWAY YES or NO RIVER Santa Fe

SURVEYOR / ENGINEER NAME Gregory Bailey LICENSE NUMBER 4385-8

____ ONE FOOT RISE CERTIFICATION INCLUDED

✓ ZERO RISE CERTIFICATION INCLUDED

✓ SRWMD PERMIT NUMBER ERP06-0649
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED

INSPECTED DATE BY

COMMENTS

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

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

GENERAL PERMIT

PERMITTEE:
MICHAEL P GIANIKAS
PO BOX 2467
ALACHUA, FL 32616

PERMIT NUMBER: ERP06-0649
DATE ISSUED: 02/12/2007
DATE EXPIRES: 02/12/2010
COUNTY: COLUMBIA
TRS: S27/T7S/R17E

PROJECT: GIANIKAS RESIDENCE ADDITION

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

MICHAEL P GIANIKAS
PO BOX 2467
ALACHUA, FL 32616

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

Construction of a 32 foot by 11 foot residence addition in a manner consistent with the application package submitted by Mike Gianikas on December 11, 2006 and January 23, 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 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 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.

Standard Conditions for All General Permits:

1. 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.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and chapter 40B-1, F.A.C.

6. 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, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. 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.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other

operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;

b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to

determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This 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 permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 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.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

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

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 2-12-07
District Staff

_____ _____
Clerk Executive Director

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:

MICHAEL P GIANIKAS
PO BOX 2467
ALACHUA, FL 32616

At 4:00 p.m. this 15th day of Dec, 2007.

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: ERP06-0649

Request for Additional Information Date: January 3, 2007

Applicant: Gianikas Residence Addition
File Number: SAJ- or NOT YET ASSIGNED

Your application has been received by the U.S. Army Corps of Engineers (Corps). However, the application is incomplete. In order for the Corps to continue to evaluate your project you must submit the items **checked** below within 45 days or your application will be withdrawn. No action will be taken on your application until the information requested is received. Please respond to Shaun Gallagher, U.S. Army Corps of Engineers, Gainesville Regulatory Office, 2831 NW 41st Street Suite K, Gainesville, Florida 32606 or by phone at 352-264-7672.

Location Map [Permit - Floodway]

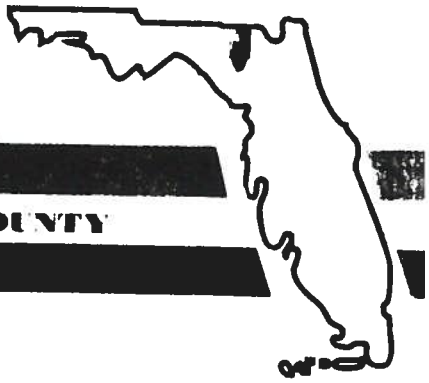
(**X**) Either no location map was received with your application or the submitted location map was illegible. Provide a location map at a sufficient scale to depict the project site and area within
1 and 10 mile radius of project site.

Plan view Drawings

(**X**) Either no drawings were received with your application or submitted drawings are either illegible or do not provide sufficient detail to allow review of the project as proposed. Provide legible graphically scaled or dimensioned detailed plan view drawings on 8.5" x 11" sheets depicting existing site conditions and proposed site conditions. Drawings should include but not be limited to a north arrow, the location and extent of area to be mechanically cleared and the area over which fill material is to be discharged, boundaries and dimensions of project site, the location and extent of onsite and immediately offsite wetlands as established using the Corps 1987 Wetland Delineation Manual and data sheets, the location of existing and/or proposed pier/boat ramp/ sea wall/ roads/ driveways/ buildings/ residences/ septic systems/ sidewalks/ landmark points/ stormwater ponds/etc, and the Ordinary High Water Line (OHWL) in non-tidal environments or Mean High Water Line (MHWL) and Mean Low Water Line (MLWL) if the project site abuts tidal waters. The drawings should distinguish area to be filled versus excavated.

Cross Sectional Drawings

(**X**) Either no drawings were received with your application or submitted drawings are either illegible or do not provide sufficient detail to allow review of the project as proposed. Provide legible graphically scaled or dimensioned detailed cross sectional drawings on 8.5" x 11" sheets depicting existing site conditions and proposed site conditions. Drawings should include but not be limited to the location and extent of area to be mechanically cleared and the area over which fill material is to be discharged, depth of fill material, the location and extent of onsite and immediately offsite wetlands as established using the Corps 1987 Wetland Delineation Manual and data sheets, the location of existing and/or proposed pier/boat ramp/ sea wall roads/driveways/ buildings/ residences/ septic systems/ sidewalks/ landmark points/ stormwater ponds/ etc, and the Ordinary High Water Line (OHWL) in non-tidal environments or the Mean High Water Line (MHWL) and Mean Low Water Line (MLWL) if the project site abuts tidal waters. The drawings should distinguish area to be filled versus excavated.



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

MEMO OF REVIEW FOR CORRECTNESS AND COMPLETION

In accordance with participation in the NFIP/CRS program, all elevation certificates are required to be reviewed for correctness and completion prior to acceptance by the community. This completed form shall be attached to all elevation certificates maintained on file and provided with requested copies of elevation certificates.

_____ The attached elevation certificate requires corrections by the surveyor of section(s) _____ prior to acceptance by the community.
X The attached elevation certificated is complete and correct.
_____ Minor corrections have been made in the below marked sections by the authorized Community Official.

SECTION A - PROPERTY INFORMATION	For Insurance Company Use:
A1. Building Owner's Name	Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	Company NAIC Number
City / State / ZIP Code	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)	

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) _____
A5. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: ☐ NAD 1927 ☐ NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.
A7. Building Diagram Number_____
A8. For a building with a crawl space or enclosure(s), provide:
a) Square footage of crawl space or enclosure(s) _____ sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in

A9. For a building with an attached garage, provide:
a) Square footage of attached garage _____ sq ft
b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A9.b _____ sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other (Describe) _____
B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) _____
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☐ No
Designation Date_____ ☐ CBRS ☐ OPA

COMMENTS: Addition to existing house did not exceed 50% value of structure no requirement to bring up to current regulations

Date of Review: 22 JAN. 2009 BOARD MEETS FIRST THURSDAY AT 7:00 P.M. AND THIRD THURSDAY AT 7:00 P.M. **Community Official:** _____

All elevation certificates shall be maintained by the community and copies with the attached memo made available upon request.

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

ELEVATION CERTIFICATE

O.M.B. No. 3067-0077
Expires December 31, 2005

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION

For Insurance Company Use:

BUILDING OWNER'S NAME
Mike Gianikas

Policy Number

BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO.
SE Riverview Circle

Company NAIC Number

CITY	STATE	ZIP CODE
High Springs	FL	32643

PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Area North of Lot 8 & East of Lot 28 River View Sub'd. West of Santa Fe River & South of N Line Section 27, 7 S., 17 E

BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.)
Residential

LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ##.##" or ##.######°) HORIZONTAL DATUM: ☐ NAD 1927 ☐ NAD 1983 SOURCE: ☐ GPS (Type):____ ☐ USGS Quad Map ☐ Other: ____

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER	B2. COUNTY NAME	B3. STATE
Columbia County, Florida 120070	Columbia	Florida

B4. MAP AND PANEL NUMBER	B5. SUFFIX	B6. FIRM INDEX DATE	B7. FIRM PANEL EFFECTIVE/REVISED DATE	B8. FLOOD ZONE(S)	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding)
120070 0290	B	1/6/1988	1/6/1988	AE	49

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.
☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other (Describe): ____

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe): ____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No Designation Date____

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 6 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO

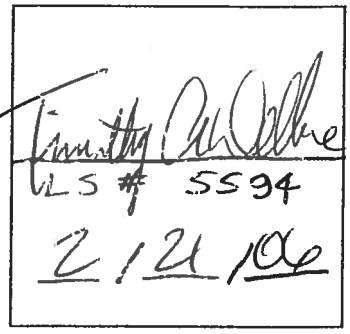
Complete items C3.-a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.

Datum 1929NGVD Conversion/Comments ____

Elevation reference mark used FDOT Does the elevation reference mark used appear on the FIRM? ☐ Yes ☒ No

o a) Top of bottom floor (including basement or enclosure)	45. 36 ft.(m)
o b) Top of next higher floor	51. 99 ft.(m)
o c) Bottom of lowest horizontal structural member (V zones only)	N/A. __ ft.(m)
o d) Attached garage (top of slab)	N/A. __ ft.(m)
o e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)	48. 16 ft.(m)
o f) Lowest adjacent (finished) grade (LAG)	44. 9 ft.(m)
o g) Highest adjacent (finished) grade (HAG)	45. 3 ft.(m)
o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade N/A	
o i) Total area of all permanent openings (flood vents) in C3.h N/A sq. in. (sq. cm)	

License Number, Embossed Seal, Signature, and Date



SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.

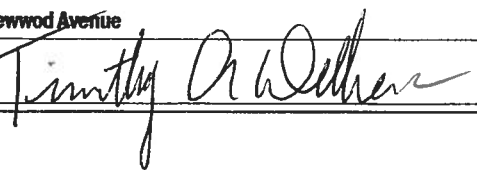
I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.

I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME Timothy A. Delbene, PSM LICENSE NUMBER LS 5594

TITLE Land Surveyor COMPANY NAME Donald F. Lee & Associates, Inc.

ADDRESS	CITY	STATE	ZIP CODE
140 NW Ridgewood Avenue	Lake City	FL	32055

SIGNATURE  DATE 2/16/2006 TELEPHONE 386-755-6166

IMPORTANT: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use:
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. SE Riverview Circle			Policy Number
CITY High Springs	STATE FL	ZIP CODE 32643	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

COMMENTS

Elevation of mechanical equipment serving the building is taken on pad beneath air-conditioner.

Elevation C3-b is taken on the bottom of the floor joists. The depth of the floor is unknown.

The house is on piers with a small utility room below and living area on the upper floor.

☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete Items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

E1. Building Diagram Number _(Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is __ ft.(m) __in.(cm) ☐ above or ☐ below (check one) the highest adjacent grade. (Use natural grade, if available).

E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is __ ft.(m) __in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.

E4. The top of the platform of machinery and/or equipment servicing the building is__ ft.(m) __in.(cm) ☐ above or ☐ below (check one) the highest adjacent grade. (Use natural grade, if available).

E5. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?
☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, C (Items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, C, and E are correct to the best of my knowledge.*

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS | CITY | STATE | ZIP CODE

SIGNATURE | DATE | TELEPHONE

COMMENTS

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

G1. ☐ The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is: ____.__ft.(m) Datum: _____

G9. BFE or (in Zone AO) depth of flooding at the building site is: ____.__ ft.(m) Datum: _____

LOCAL OFFICIAL'S NAME | TITLE

COMMUNITY NAME | TELEPHONE

SIGNATURE | DATE

COMMENTS

DIAGRAM 5

All buildings elevated on piers, posts, piles, columns, or parallel shear walls. No obstructions below the elevated floor.

Distinguishing Feature – For all zones, the area below the elevated floor is open, with no obstruction to flow of flood waters (open lattice work and/or readily removable insect screening is permissible).

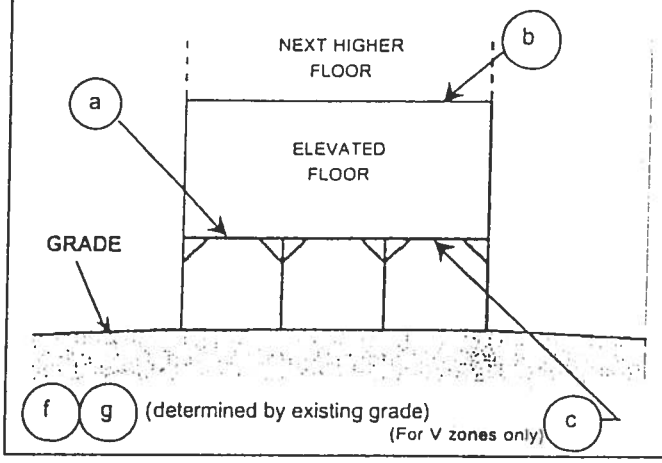


DIAGRAM 6

All buildings elevated on piers, posts, piles, columns, or parallel shear walls with full or partial enclosure below the elevated floor.

Distinguishing Feature – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings** present in the walls of the enclosure. Indicate information about openings in Section C, Building Elevation Information (Survey Required).

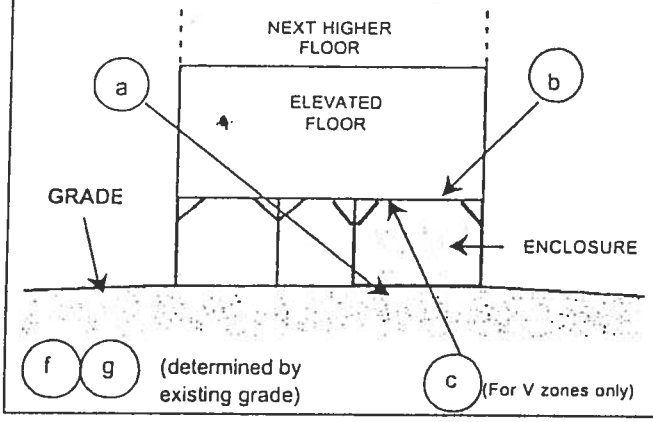


DIAGRAM 7

All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least one side is at or above grade. The principal use of this building is located in the elevated floors of the building.

Distinguishing Feature – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings** present in the walls of the enclosure. Indicate information about openings in Section C, Building Elevation Information (Survey Required).

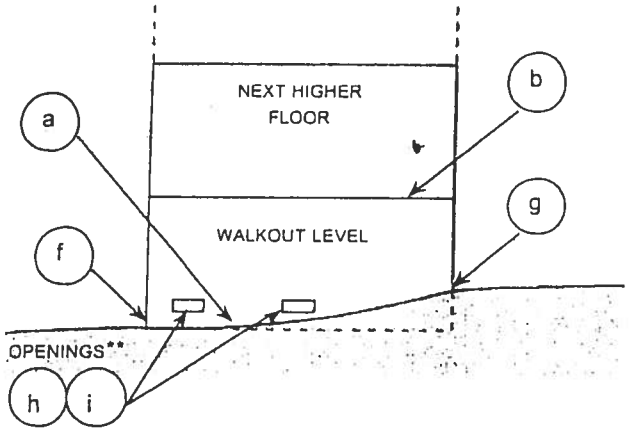
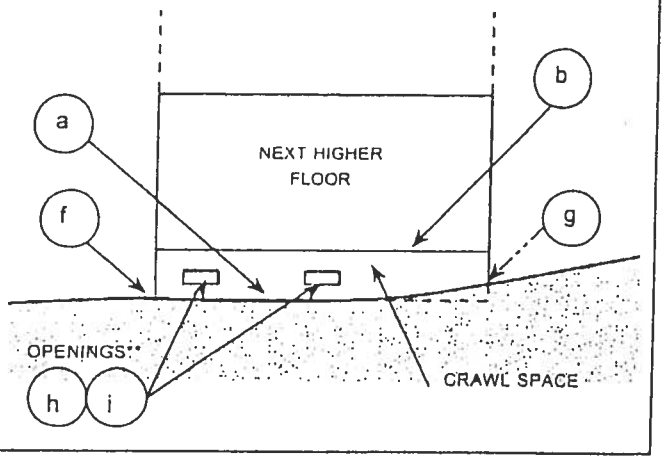


DIAGRAM 8

All buildings elevated on a crawl space with the floor of the crawl space at or above grade on at least one side, with or without an attached garage.

Distinguishing Feature – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A zones, the crawl space is with or without openings** present in the walls of the crawl space. Indicate information about the openings in Section C, Building Elevation Information (Survey Required).



** An "opening" (flood vent) is defined as a permanent opening in a wall that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of two openings is required for enclosures or crawl spaces with a total net area of not less than one square inch for every square foot of area enclosed. Each opening must be on different sides of the enclosed area. If a building has more than one enclosed area, each area must have openings on exterior walls to allow floodwater to directly enter. The bottom of the openings must be no higher than one foot above the grade underneath the flood vents. Alternatively, you may submit a certification by a registered professional engineer or architect that the design will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening.

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

GENERAL PERMIT

PERMITTEE:
MICHAEL P GIANIKAS
PO BOX 2467
ALACHUA, FL 32616

PERMIT NUMBER: ERP06-0649
DATE ISSUED: 02/12/2007
DATE EXPIRES: 02/12/2010
COUNTY: COLUMBIA
TRS: S27/T7S/R17E

PROJECT: GIANIKAS RESIDENCE ADDITION

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

MICHAEL P GIANIKAS
PO BOX 2467
ALACHUA, FL 32616

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

Construction of a 32 foot by 11 foot residence addition in a manner consistent with the application package submitted by Mike Gianikas on December 11, 2006 and January 23, 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 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 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.

Standard Conditions for All General Permits:

1. 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.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and chapter 40B-1, F.A.C.

6. 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, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. 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.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other

operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;

b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to

determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This 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 permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 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.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

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

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 2-12-07
District Staff

_____ _____
Clerk Executive Director

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:

MICHAEL P GIANIKAS
PO BOX 2467
ALACHUA, FL 32616

At 4:00 p.m. this 15th day of Dec, 2007.

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: ERP06-0649

Request for Additional Information Date: January 3, 2007

Applicant: Gianikas Residence Addition
File Number: SAJ- or NOT YET ASSIGNED

Your application has been received by the U.S. Army Corps of Engineers (Corps). However, the application is incomplete. In order for the Corps to continue to evaluate your project you must submit the items **checked** below within 45 days or your application will be withdrawn. No action will be taken on your application until the information requested is received. Please respond to Shaun Gallagher, U.S. Army Corps of Engineers, Gainesville Regulatory Office, 2831 NW 41st Street Suite K, Gainesville, Florida 32606 or by phone at 352-264-7672.

Location Map [Permit - Floodway]

(**X**) Either no location map was received with your application or the submitted location map was illegible. Provide a location map at a sufficient scale to depict the project site and area within
1 and 10 mile radius of project site.

Plan view Drawings

(**X**) Either no drawings were received with your application or submitted drawings are either illegible or do not provide sufficient detail to allow review of the project as proposed. Provide legible graphically scaled or dimensioned detailed plan view drawings on 8.5" x 11" sheets depicting existing site conditions and proposed site conditions. Drawings should include but not be limited to a north arrow, the location and extent of area to be mechanically cleared and the area over which fill material is to be discharged, boundaries and dimensions of project site, the location and extent of onsite and immediately offsite wetlands as established using the Corps 1987 Wetland Delineation Manual and data sheets, the location of existing and/or proposed pier/boat ramp/ sea wall/ roads/ driveways/ buildings/ residences/ septic systems/ sidewalks/ landmark points/ stormwater ponds/etc, and the Ordinary High Water Line (OHWL) in non-tidal environments or Mean High Water Line (MHWL) and Mean Low Water Line (MLWL) if the project site abuts tidal waters. The drawings should distinguish area to be filled versus excavated.

Cross Sectional Drawings

(**X**) Either no drawings were received with your application or submitted drawings are either illegible or do not provide sufficient detail to allow review of the project as proposed. Provide legible graphically scaled or dimensioned detailed cross sectional drawings on 8.5" x 11" sheets depicting existing site conditions and proposed site conditions. Drawings should include but not be limited to the location and extent of area to be mechanically cleared and the area over which fill material is to be discharged, depth of fill material, the location and extent of onsite and immediately offsite wetlands as established using the Corps 1987 Wetland Delineation Manual and data sheets, the location of existing and/or proposed pier/boat ramp/ sea wall roads/driveways/ buildings/ residences/ septic systems/ sidewalks/ landmark points/ stormwater ponds/ etc, and the Ordinary High Water Line (OHWL) in non-tidal environments or the Mean High Water Line (MHWL) and Mean Low Water Line (MLWL) if the project site abuts tidal waters. The drawings should distinguish area to be filled versus excavated.

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

Reference to a building permit application Number: 0704-24

Michael Gianikas, Owner/Builder LLC Property ID# 27-7s-17-10055-108

On the date of April 13, 2007 application 0704-24 and plans for construction of an addition on an existing single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0704-24 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms that the existing waste water disposal system will support this addition and comply with the codes of the health department.
2. Please have Schafer Engineering LLC to show the design method to be used to connect the existing foundation to the proposed 24"X12" continuous foundation.
3. The structural design by Schafer Engineering LLC provides specification for a floor slab. Show the area of the structure to which a floor slab will be added.
4. The structural design by Schafer Engineering LLC provides specification for 12"x12" CMU columns with 4 #5 reinforcing steel bars. Please have Schafer Engineering LLC provide a drawing which shows the design specification for attaching the 4 #5 reinforcing steel bars within the columns to the 3 # 5 reinforcing steel bars in the 24"X12" continuous foundation. Also provide an inspection port at the base of the columns.
5. Please have Schafer Engineering LLC to show the design size of the LVL beam and the method to which the LVL will be anchored to the 12"x12" CMU columns. Also show the method of attachment of the2"x12" floor joist to the LVL beam. Show the method of attachment of the2"x12" floor joist to the existing structure.
6. Schafer Engineering LLC spec that the roof truss system will be pre-engineered manufactured trusses. Please provide this department with two set of embossed engineered truss design plans, which include the truss layout plan.
7. The plans show on page one that the existing wall section next to the addition that will be razed and replaced with a load bear beam an a supporting column. Please have Schafer Engineering LLC to design and show the beam size and the total number of required jack and king studs and column type and size which will be required to support this beam. Also show the attachment method of the beam to the shear walls.
8. Chapter 13 of the Florida Building Codes section 13-101.2.2: Additions to existing residential buildings shall be considered new building construction and shall comply with the requirements of either Method A, B, or C of Subchapter 13-6, as applicable. Please complete and submit the attached Florida Energy Efficiency code for building construction form 600C-04.

Also have a manual J residential system sizing calculation summary preformed for the existing dwelling and the addition.

9. Please include on the elevation drawing the roof slope units per foot.

Thank You:

Joe Haltiwanger
Plan Examiner
Columbia County Building
Department

Gainikas Addition
HVAC Load Calculations

for

A+ AIR CONDITIONING & REFRIGERATION

Prepared By:

Bob McCollum
A+ Air Conditioniong & Refrigeration Inc
P.O. Box 358565
Gainesville Florida 32635
(352) 374-4988
Tuesday, May 08, 2007

Project Report

General Project Information

Project Title:	Gainikas Addition
Designed By:	Bob McCollum
Project Date:	4-30-07
Company Name:	A+ Air Conditioniong & Refrigeration Inc
Company Representative:	Bob McCollum
Company Address:	P.O. Box 358565
Company City:	Gainesville Florida 32635
Company Phone:	(352) 374-4988
Company Fax:	(352) 372-0060
Company E-Mail Address:	BOBHARV@AOL.COM
Company Website:	www.aplusairconditioning.com
Company Comment:	

Design Data

Reference City:		Gainesville, Florida
Daily Temperature Range:		Medium
Latitude:	29	Degrees
Elevation:	152	ft.
Altitude Factor:	0.995	
Elevation Sensible Adj. Factor:	1.000	
Elevation Total Adj. Factor:	1.000	
Elevation Heating Adj. Factor:	1.000	
Elevation Heating Adj. Factor:	1.000	

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum	Indoor Dry Bulb	Grains Difference
Winter:	31	0	50	72	38
Summer:	93	77	50	75	50

Check Figures

Total Building Supply CFM:	1,141	CFM Per Square ft.:	0.849
Square ft. of Room Area:	1,344	Square ft. Per Ton:	497
Volume (ft³) of Cond. Space:	10,752	Air Turnover Rate (per hour):	6.4

Building Loads

Total Heating Required With Outside Air:	31,011 Btuh	31.011 MBH	
Total Sensible Gain:	24,969 Btuh	86 %	
Total Latent Gain:	4,168 Btuh	14 %	
Total Cooling Required With Outside Air:	29,136 Btuh	2.43	Tons (Based On Sensible + Latent)
		2.70	Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

Load Preview Report

Scope	Area	Sens Gain	Lat Gain	Net Gain	Sens Loss	Win CFM	Sum CFM	Sys CFM	Duct Size
Building: 2.43 Net Tons, 2.70 Recommended Tons, 497 ft.²/Ton, 31.01 MBH Heating									
Building	1,344	24,969	4,168	29,136	31,011	338	1,141	1,141	
System 1: 2.43 Net Tons, 2.70 Recommended Tons, 497 ft.²/Ton, 31.01 MBH Heating									
System 1	1,344	24,969	4,168	29,136	31,011	338	1,141	1,141	15x15
AED Excursion		714		714					
Duct Loads		3,927	822	4,748	5,151				
Zone 1	1,344	20,328	3,346	23,674	25,860	338	1,141	1,141	
1-Main House	960	11,877	1,968	13,845	15,718	205	667	667	6-6
2-New Addition	384	8,451	1,378	9,829	10,142	132	474	474	4-6

Total Building Summary Loads

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break	244	6,500	0	10,254	10,254
11D: Door-Solid Core	21	336	0	238	238
12C-0sw: Wall-Frame, R-13 insulation in 2 x 4 stud cavity, no board insulation, siding finish, wood studs	919	3,428	0	2,049	2,049
16B-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, Dark Asphalt Shingles or Dark Metal, Tar and Gravel or Membrane, R-30 insulation	1344	1,764	0	2,279	2,279
19A-0tp: Floor-Over enclosed unconditioned crawl space, No insulation on exposed walls, sealed or vented space, passive, no floor insulation, tile or vinyl	1344	6,598	0	2,897	2,897
Subtotals for structure:		18,626	0	17,717	17,717
People:	4		920	1,200	2,120
Equipment:			0	0	0
Lighting:	0			0	0
Ductwork:		5,151	822	3,927	4,748
Infiltration: Winter CFM: 161, Summer CFM: 72		7,234	2,426	1,411	3,837
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
AED Excursion:		0	0	714	714
Total Building Load Totals:		31,011	4,168	24,969	29,136

Check Figures

Total Building Supply CFM:	1,141	CFM Per Square ft.:	0.849
Square ft. of Room Area:	1,344	Square ft. Per Ton:	497
Volume (ft³) of Cond. Space:	10,752	Air Turnover Rate (per hour):	6.4

Building Loads

Total Heating Required With Outside Air:	31,011 Btuh	31.011 MBH	
Total Sensible Gain:	24,969 Btuh	86 %	
Total Latent Gain:	4,168 Btuh	14 %	
Total Cooling Required With Outside Air:	29,136 Btuh	2.43 Tons (Based On Sensible + Latent)	
		2.70 Tons (Based On 77% Sensible Capacity)	

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1 Main Floor Summary Loads

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break	244	6,500	0	10,254	10,254
11D: Door-Solid Core	21	336	0	238	238
12C-0sw: Wall-Frame, R-13 insulation in 2 x 4 stud cavity, no board insulation, siding finish, wood studs	919	3,428	0	2,049	2,049
16B-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, Dark Asphalt Shingles or Dark Metal, Tar and Gravel or Membrane, R-30 insulation	1344	1,764	0	2,279	2,279
19A-0tp: Floor-Over enclosed unconditioned crawl space, No insulation on exposed walls, sealed or vented space, passive, no floor insulation, tile or vinyl	1344	6,598	0	2,897	2,897
Subtotals for structure:		18,626	0	17,717	17,717
People:	4		920	1,200	2,120
Equipment:			0	0	0
Lighting:	0			0	0
Ductwork:		5,151	822	3,927	4,748
Infiltration: Winter CFM: 161, Summer CFM: 72		7,234	2,426	1,411	3,837
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
AED Excursion:		0	0	714	714
System 1 Main Floor Load Totals:		31,011	4,168	24,969	29,136

Check Figures

Supply CFM:	1,141	CFM Per Square ft.:	0.849
Square ft. of Room Area:	1,344	Square ft. Per Ton:	497
Volume (ft³) of Cond. Space:	10,752	Air Turnover Rate (per hour):	6.4

System Loads

Total Heating Required With Outside Air:	31,011 Btuh	31.011 MBH	
Total Sensible Gain:	24,969 Btuh	86 %	
Total Latent Gain:	4,168 Btuh	14 %	
Total Cooling Required With Outside Air:	29,136 Btuh	2.43 Tons (Based On Sensible + Latent)	
		2.70 Tons (Based On 77% Sensible Capacity)	

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1, Zone 1 Summary Loads (Average Load Procedure for Rooms)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break	244	6,500	0	10,254	10,254
11D: Door-Solid Core	21	336	0	238	238
12C-0sw: Wall-Frame, R-13 insulation in 2 x 4 stud cavity, no board insulation, siding finish, wood studs	919	3,428	0	2,049	2,049
16B-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, Dark Asphalt Shingles or Dark Metal, Tar and Gravel or Membrane, R-30 insulation	1344	1,764	0	2,279	2,279
19A-0tp: Floor-Over enclosed unconditioned crawl space, No insulation on exposed walls, sealed or vented space, passive, no floor insulation, tile or vinyl	1344	6,598	0	2,897	2,897
Subtotals for structure:		18,626	0	17,717	17,717
People:	4		920	1,200	2,120
Equipment:			0	0	0
Lighting:	0			0	0
Ductwork:		0	0	0	0
Infiltration: Winter CFM: 161, Summer CFM: 72		7,234	2,426	1,411	3,837
System 1, Zone 1 Load Totals:		25,860	3,346	20,328	23,674

Check Figures

Supply CFM:	1,141	CFM Per Square ft.:	0.849
Square ft. of Room Area:	1,344	Square ft. Per Ton:	613
Volume (ft³) of Cond. Space:	10,752	Air Turnover Rate (per hour):	6.4

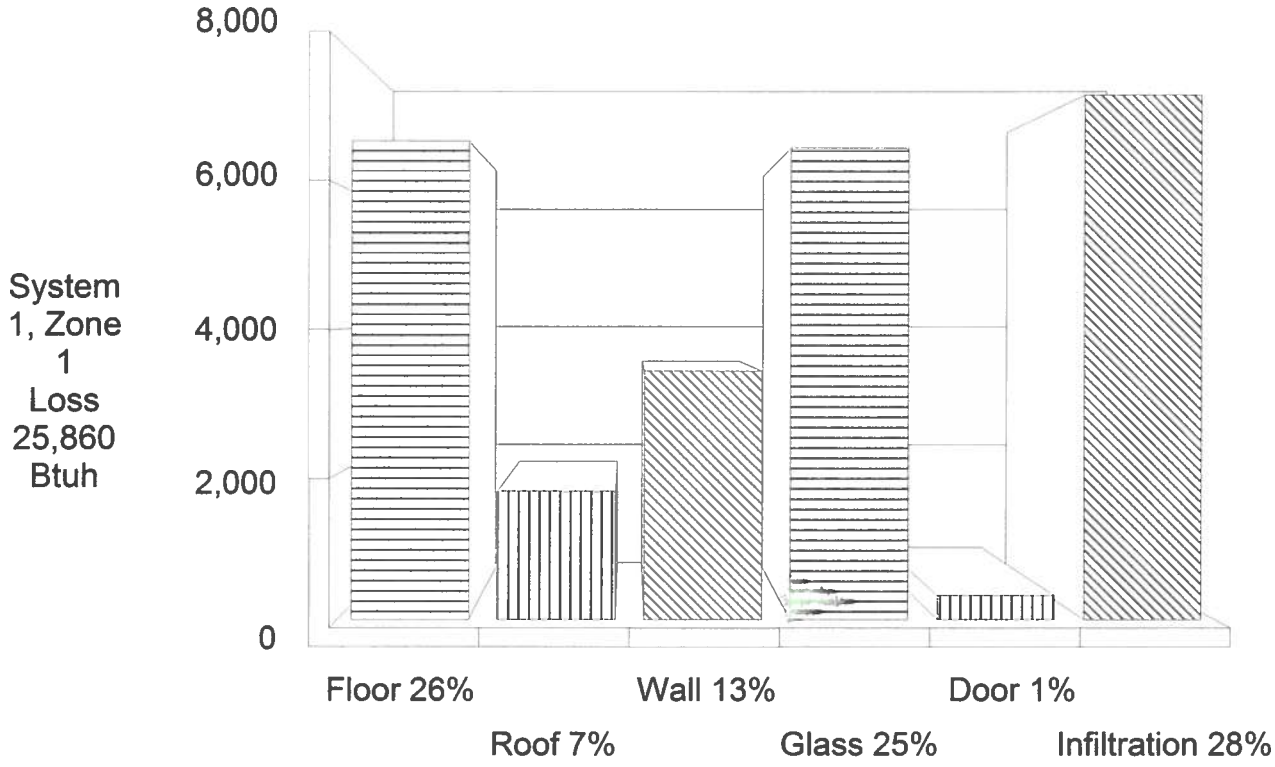
Zone Loads

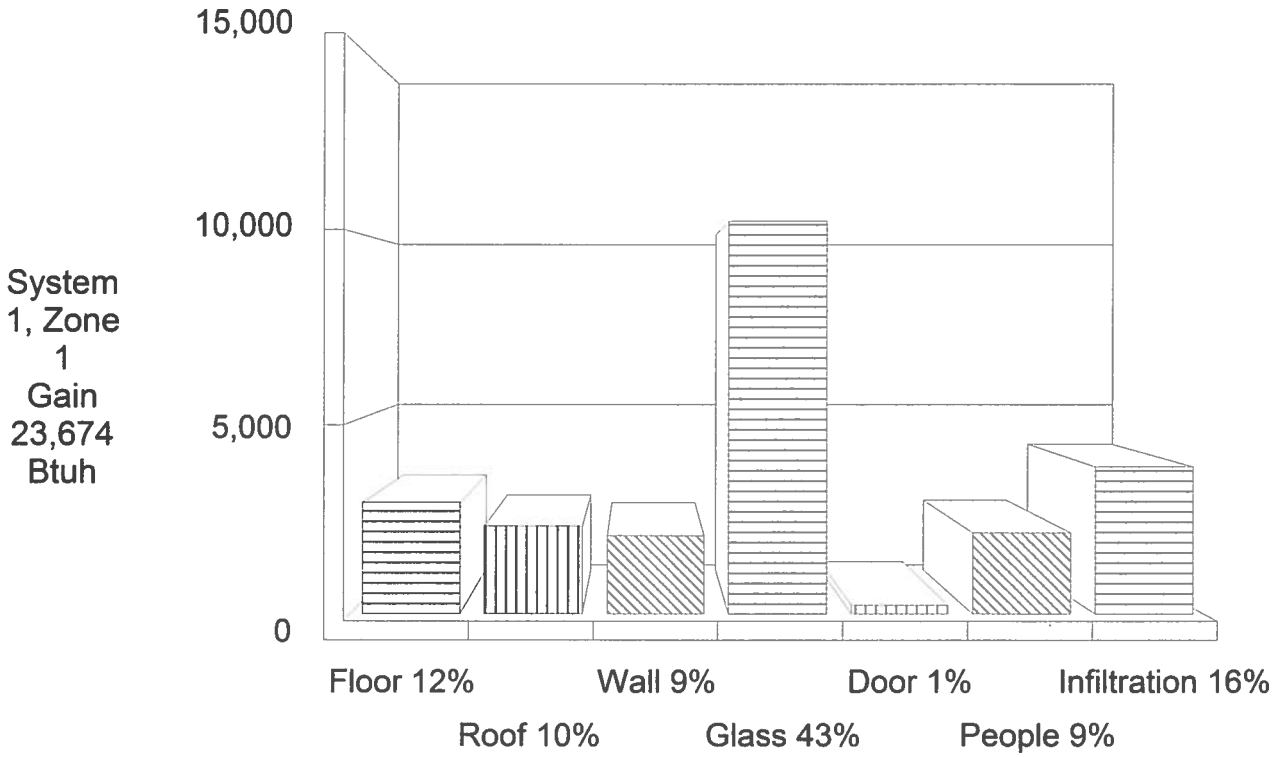
Total Heating Required:	25,860 Btuh	25.860 MBH	
Total Sensible Gain:	20,328 Btuh	86 %	
Total Latent Gain:	3,346 Btuh	14 %	
Total Cooling Required:	23,674 Btuh	1.97	Tons (Based On Sensible + Latent)
		2.19	Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1, Zone 1 Bar Graph





System 1 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Air Sys CFM
---Zone 1---										
1	Main House	960	15,718	205	6-6	566	11,877	1,968	667	667
2	New Addition	384	10,142	132	4-6	604	8,451	1,378	474	474
	AED Excursion						714			
	System 1 total	1,344	31,011	338			24,969	4,168	1,141	1,141

System 1 Main Trunk Size:	15x15	in.
Velocity:	817	ft./min
Loss per 100 ft.:	0.082	in.wg

Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	2.43	86% / 14%	24,969	4,168	29,136
Recommended:	2.70	77% / 23%	24,969	7,458	32,427

SCHAFER ENGINEERING, LLC

September 28, 2007

Design Basis, Wind Load Analysis for Gainikas Addition
- Wind Speed: 110 M.P.H. \ Florida Building Code \ Current Edition

Columns:
- 16" x 16" x 96" max. height with (4) #5 rebars. 97" maximum spacing between columns 10 columns total \ (5) each side. Install Simpson HHETA24 for column to rim joist connection.

Foundation:
- Install 24" wide x 12" deep with (3) #5 rebar continuous strip footing continuous for all columns. It is assumed that ideal soil conditions and pad preparation are provided.

Floors:
- Provide for 288# uplift at each end of the 2 x 12 syp #2d @ 16" o.c. floor joists. Install Simpson CS16 @ 32" o.c. connecting the wall into the 2 x 12 rim joists. 12'-0" maximum span floor joists.

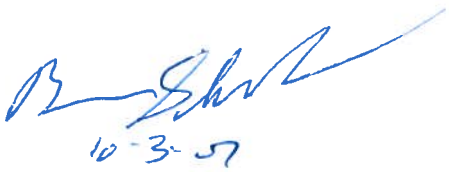
Walls:
- Frame construction, 2x4 spf studs @ 16" o.c. 8' nom. plate height.
- Sheathing to be 7/16" osb nailed with 8d 131 gauge nails @ 3" edges and 8" interior.
- SPF Double top plates nailed with 16d nails @ 8" o.c.

Total Shearwall Lengths Required:
- Transverse: 15'-0"
- Longitudinal: 20'-0"

Allowable unit shear on shear walls: 429
Trs: 322 Long: 241

Rafters:
- Provide for 288# uplift at each end of the 2 x 12 syp #2 rafters @ 24" o.c. maximum span of 12'-0"

Roof Sheathing:
- Sheathing to be 5/8" C.D. Plywood attached to the top chords of the trusses with 8d 131 ring shank nails spaced at 3" o.c. edges and 8" o.c. interior.



10-3-07

Bruce Schafer, P.E. #48984
7104 N.W. 42nd Lane \ Gainesville Fl.

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 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 the following:

Applicant	Plans Examiner	
☐	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. *The following information must be shown as per section 1603.1.4 FBC* a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
☑	☐	**Elevations including:** a) All sides
☐	☐	b) Roof pitch
☐	☐	c) Overhang dimensions and detail with attic ventilation

☐	☐	d) Location, size and height above roof of chimneys.
☐	☐	e) Location and size of skylights
☑	☐	f) Building height
☑	☐	e) Number of stories
		Floor Plan including:
☐	☐	a) Rooms labeled and dimensioned.
☐	☐	b) Shear walls identified.
☐	☐	c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
☐	☐	d) Show safety glazing of glass, where required by code.
☐	☐	e) Identify egress windows in bedrooms, and size.
☐	☐	f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
☐	☐	g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☐	☐	h) Must show and identify accessibility requirements (accessible bathroom)
		Foundation Plan including:
☐	☐	a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
☐	☐	b) All posts and/or column footing including size and reinforcing
☐	☐	c) Any special support required by soil analysis such as piling
☐	☐	d) Location of any vertical steel.
		Roof System:
☐	☐	a) Truss package including:
		1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
		2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
☐	☐	b) Conventional Framing Layout including:
		1. Rafter size, species and spacing
		2. Attachment to wall and uplift
		3. Ridge beam sized and valley framing and support details
		4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
		Wall Sections including:
☐	☐	a) Masonry wall
		1. All materials making up wall
		2. Block size and mortar type with size and spacing of reinforcement
		3. Lintel, tie-beam sizes and reinforcement
		4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
		5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
		6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
		7. Fire resistant construction (if required)
		8. Fireproofing requirements
		9. Shoe type of termite treatment (termiticide or alternative method)
		10. Slab on grade
		a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
		b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
		11. Indicate where pressure treated wood will be placed
		12. Provide insulation R value for the following:

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall
1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☑ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
☐ ☐ b) Floor joist size and spacing
☐ ☐ c) Girder size and spacing
☐ ☐ d) Attachment of joist to girder
☐ ☐ e) Wind load requirements where applicable
☐ ☐ **Plumbing Fixture layout** N/A

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
☑ ☐ b) Ceiling fans
☐ ☐ c) Smoke detectors
☐ ☐ d) Service panel and sub-panel size and location(s)
☐ ☐ e) Meter location with type of service entrance (overhead or underground)
☐ ☐ f) Appliances and HVAC equipment
☐ ☐ g) Arc Fault Circuits (AFCI) in bedrooms
☐ ☐ h) Exhaust fans in bathroom

HVAC information

☐ ☐ a) Energy Calculations (dimensions shall match plans)
☐ ☐ b) Manual J sizing equipment or equivalent computation
☐ ☐ c) Gas System Type (LP or Natural) Location and BTU demand of equipment
☑ ☐ **Disclosure Statement for Owner Builders**
☑ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done**
☑ ☐ **Private Potable Water**

P.O. BOX 358565 GAINESVILLE FLORIDA 32635
(352) 374-4988 FAX (352) 372-0060
CMC 056926

3-28-07

MIKE GIANIKAS
HIGH SPRINGS FLORIDA

TO WHOM IT MAY CONCERN:

THE EXISTING HVAC SYSTEM IS ADEQUETE TO COOL AND HEAT THE NEW ADITION. ANY QUESTIONS PLEASE CALL ME.

THANK YOU,

BOB McCOLLUM
PRESIDENT, A+ A/C

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER	Better Bilt	Windows Horizontal 160 SERIES	670
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson	Strong-Tie	503
B. WOOD ANCHORS	Simpson	Strong-Tie	1423
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE

4/11/07
DATE

R-1305 01-04

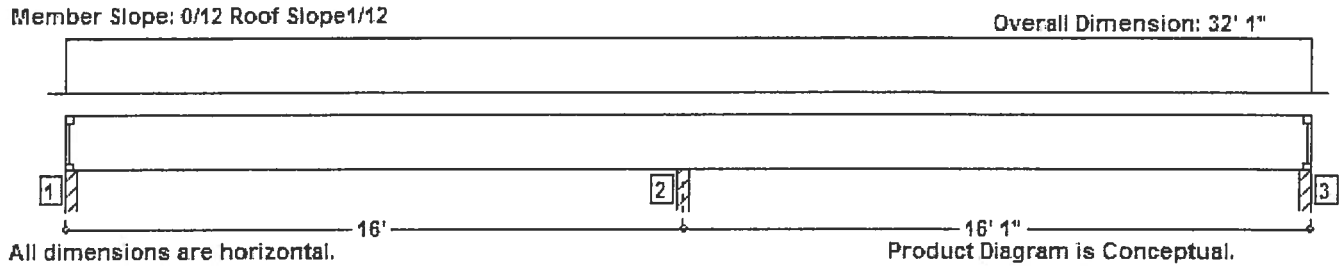
Trus Joist
A Weyerhaeuser Business

TJ-Beam® 6.25 Serial Number: 7005101720
User: 4 9/26/2007 12:28:18 PM
Page 1 Engine Version: 6.25.71

BEAM 1

2 Pcs of 1 3/4" x 16" 1.9E Microllam® LVL

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



LOADS:

Analysis is for a Drop Beam Member. Tributary Load Width: 1' 4"
Primary Load Group - Roof (psf): 20.0 Live at 125 % duration, 15.0 Dead
Vertical Loads:

Type	Class	Live	Dead	Location	Application	Comment
Uniform(plf)	Roof(1.25)	770.0	310.0	0 To 32' 1"	Adds To	

SUPPORTS:

		Input Width	Bearing Length	Vertical Reactions (lbs) Live/Dead/Uplift/Total	Detail	Other
1	Wood column	3.50"	2.80" *	5254 / 2106 / 0 / 7360	L1: Blocking	1 Ply 1 3/4" x 16" 1.9E Microllam® LVL
2	Wood column	3.50"	8.63"	15809 / 6857 / 0 / 22666	L5	None
3	Wood column	3.50"	2.82"	5287 / 2124 / 0 / 7411	L1: Blocking	1 Ply 1 3/4" x 16" 1.9E Microllam® LVL

-See TJ SPECIFIER'S / BUILDERS GUIDE for detail(s): L1: Blocking,L5
-Bearing length requirement exceeds input at support(s) 2. Supplemental hardware is required to satisfy bearing requirements.

DESIGN CONTROLS:

	Maximum	Design	Control	Control	Location
Shear (lbs)	11351	9661	13300	Passed (73%)	Lt. end Span 2 under Roof loading
Moment (Ft-Lbs)	-35982	-35982	38893	Passed (93%)	Bearing 2 under Roof loading
Live Load Defl (in)		0.319	0.796	Passed (L/599)	MID Span 2 under Roof ALTERNATE span loading
Total Load Defl (in)		0.423	1.061	Passed (L/451)	MID Span 2 under Roof ALTERNATE span loading

-Deflection Criteria: MINIMUM(LL:L/240,TL:L/180).
-Bracing(Lu): All compression edges (top and bottom) must be braced at 2' 6" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
-The load conditions considered in this design analysis include alternate member pattern loading.
-Design assumes adequate continuous lateral support of the compression edge.

ADDITIONAL NOTES:

-IMPORTANT! The analysis presented is output from software developed by Trus Joist (TJ). Allowable product values shown are in accordance with current TJ materials and code accepted design values. TJ Engineering has verified the analysis. The input loads and dimensions have been provided by others (JAMES DOBBS' BFS) and must be verified and approved for the specific application by the design professional for the project.
-THIS ANALYSIS FOR TRUS JOIST PRODUCTS ONLY! PRODUCT SUBSTITUTION VOIDS THIS ANALYSIS.
-Allowable Stress Design methodology was used for Building Code IBC analyzing the TJ Distribution product listed above.
-Note: See TJ SPECIFIER'S / BUILDER'S GUIDES for multiple ply connection.

Operator Notes:

*** NOTE ADDITIONAL BEARING REQUIREMENTS AT SUPPORT #2. ***

PROJECT INFORMATION:

O'Neil Construction
492 SE Riverview Circle
Columbia County, TN

OPERATOR INFORMATION:

Chad A. Wall, P.E.
iLevel by Weyerhaeuser:
Southeast Division
6001 Jackson Square Suite 600
LaVergne, TN 37086
Phone : 615-793-7788

ROBERT C. WALL LICENSE No 63439 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:\2007 Tech Call Files\CW\BFS Lake City\BEAM 1.sms

SCHAFER ENGINEERING, LLC

7104 N. W. 42ND LANE

GAINESVILLE, FLORIDA 32606

ONEIL CONSTRUCTION \ THE GAINIKAS ADDITION

SCHAFER ENGINEERING, LLC

NO COPIES TO BE PERMITTED

Florida Building Code \ Latest Edition

386-462-1340 / 352-375-6329

SCHAFER ENGINEERING LLC

Trusses: Pre-engineered with manufacturer's required bracing system installed.

Roof sheathing: Type CD 7/16 OSB Size 5/8 Fastener type Nails Size 8d/.113 Ring Shank
R803.2.3.1

Interior zone spacing: Interior 6 in. Periphery 3 in.
Edge and end zone spacing: Interior 6 in. Periphery 3 in.

Top double pl: Type Spruce Grade #1 #2 Size 2 x 4 Nail spacing 16 in.

Studs: Wood or Steel: Wood Type Spruce Grade #1 #2 Size 2 x 4
Interior stud spacing 16 in. Composite (yes or no) Y
End stud spacing 16 in. Composite (yes or no) Y

Shearwall siding: Type OSB Thickness 7/16 in.
15 — Trans: Fastener 8d / 131 Spacing: Int 6 in. Edge 3 in.
30 — Long: Fastener 8d / 131 Spacing: Int 6 in. Edge 3 in.

Allowable unit shear on shearwalls: 429 **pounds per linear foot**
Unit shear transferred from diaphragm: Trans: 332 Long: 241

Wall tension transferred by: Siding nails 8d/131 @ 3 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi
Size 1/2 in. Shape L Washer 2" Embedment 7 in.
Location of first anchor bolt from corner _____ in.

Anchor Bolts @ 48" O.C. Model A307 Loc. from corner _____ in.

Type of foundation: 1 #5 rebar continuous required in bond beam.

Floor slab 4 in. CMU: Size 8 x 16 in. Height _____ in. Reinf. #5 at 72 in.
Monolithic footing: Depth _____ in. Bottom width _____ in.

Footing: Width 24 in. Depth 12 in. Reinforcing 3 --# 5 bars
Interior Footings: 16" W X 10" D

~~Porch~~ **Columns:** 12"x12" CMU Fully Grouted w/ 4 #5 rebar Cont. w/ 8' max Height

Porch Column Fasteners: _____
In Lieu of Straps - USP @ 48" OC for Wall to Floor Connection

NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shearwalls.
4. This is a windload only, NOT a structural analysis.
5. This windload is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.
10. The foundation is for minimum design use and may be increased.
11. All headers over 12 feet to be pre-engineered.

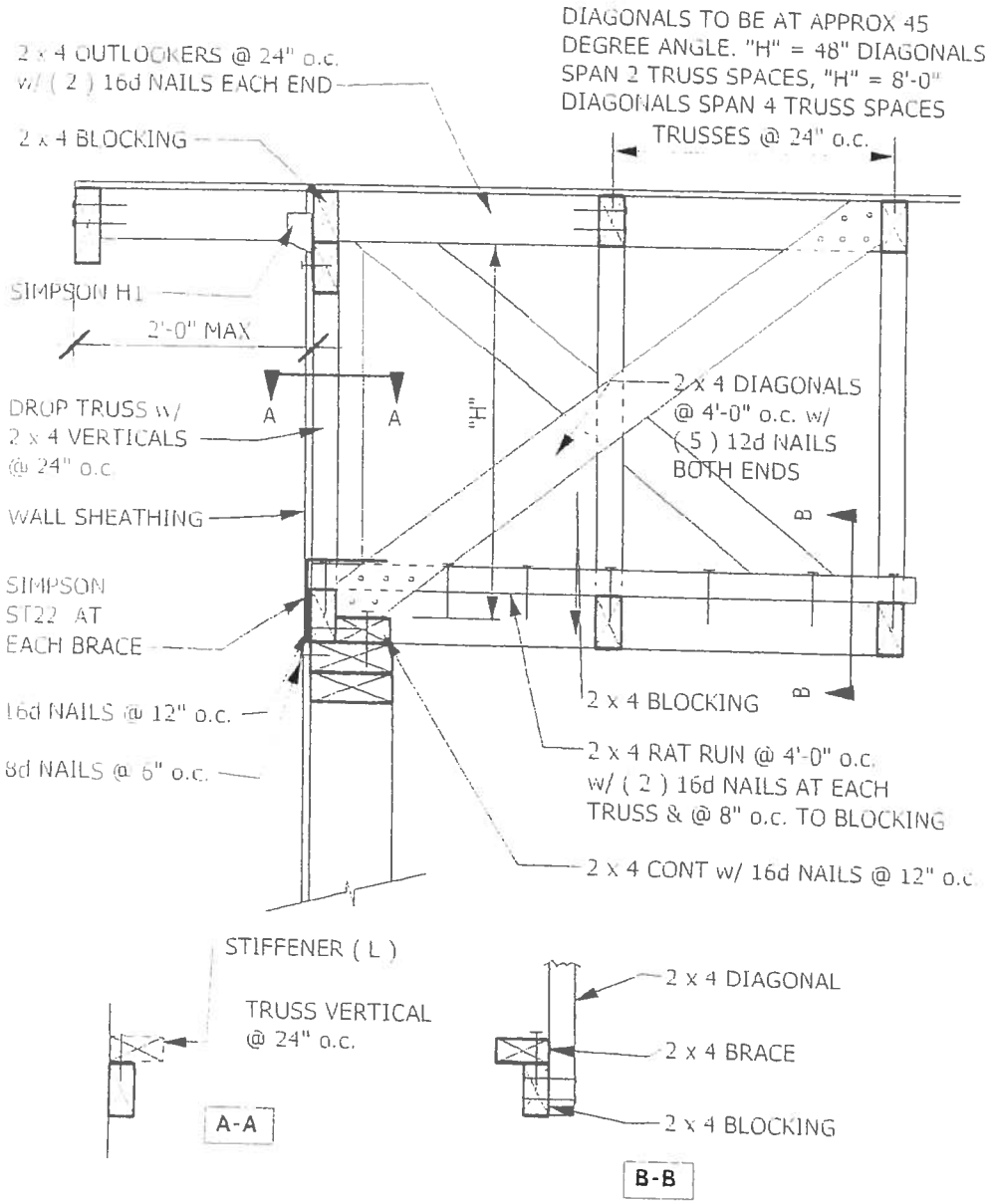
3-1-07

48984
7104 NW 42nd Ln
Gainesville, Fl

SCHAFER ENGINEERING, LLC

7104 N. W. 42ND LANE

GAINESVILLE, FLORIDA 32606



TYPICAL GABLE END BRACING

5-1-07

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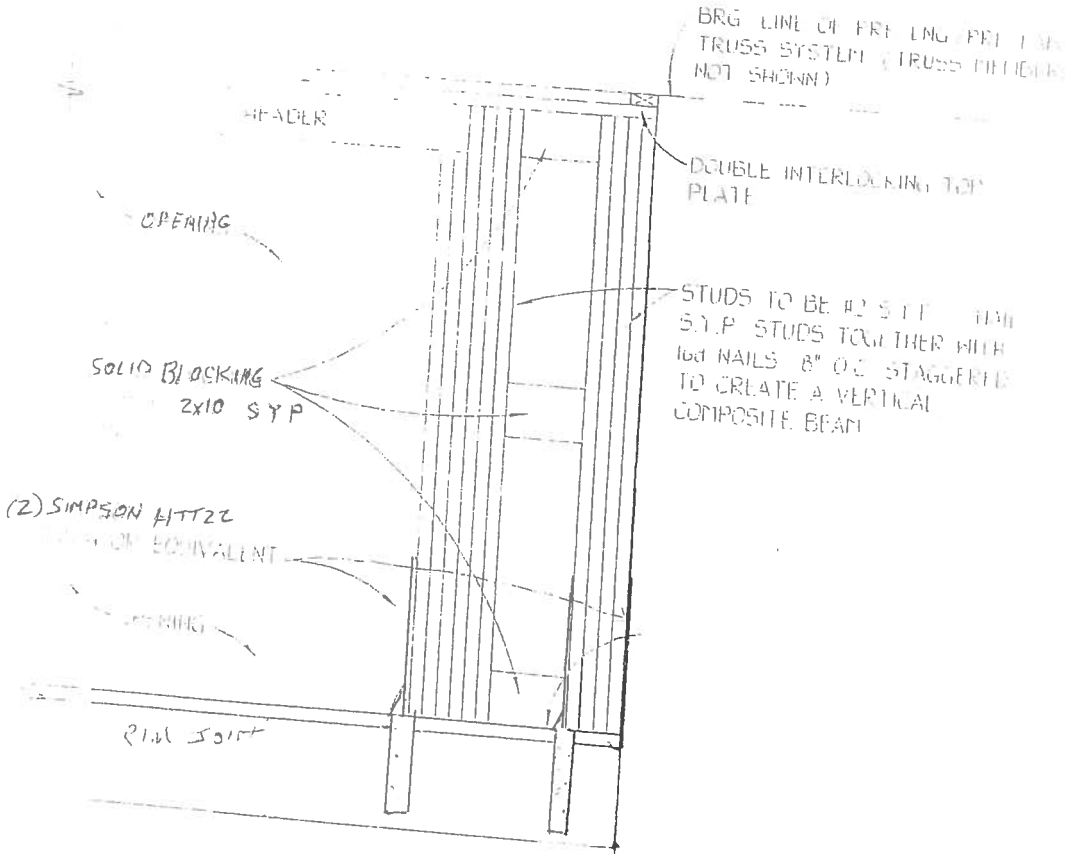
GAINESVILLE, FLORIDA 32606



MINIMUM 2'-0" SHEAR WALL SEGMENT

EQUIVALENT SHEAR WALL EQUAL TO 1.5 TIMES THE ACTUAL
JOINT LENGTH. MINIMUM WALL SEGMENT LENGTH OF 2'-0"
TO A 2'-0" SHEAR WALL SEGMENT. SEE WINDLOAD
FOR NAIL SIZES AND SPACING ON SHEATHING

3-1-07

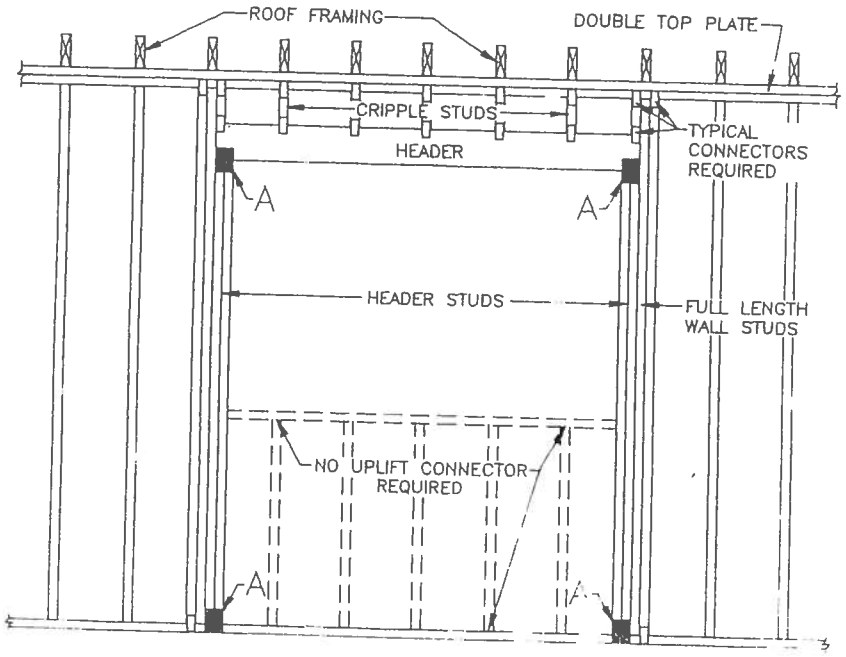
48984
7104 NW 42nd Ln
Gainesville, Fl

Unsupported Wall Height	Stud Spacing	Maximum Header Span (ft.)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1[1]	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
10' or less	12 in.	2	2	3	3	3	3
	16 in.	2	2	3	3	3	3
	24 in.	1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
	16 in.	2	2	3	3	4	4
	24 in.	1	2	2	2	3	3

1. The header stud shall not be required if the header is supported by a suitable framing anchor.

Uplift connection requirement at points A (top and bottom of header studs): Uplift load per framing member above the header from Table 307F1 or 307A, as appropriate, multiplied by the number of framing members displaced divided by two.

NOTE: Uplift connection is required at each end of header and at bottom of header studs in addition to connectors at wall studs and at top and bottom of cripples.



TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700
Total uplift for each truss resting on the header and divide by 2 to determine the uplift force. Use proper bolt anchors sufficient to support required load.				

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A
Two 12d common toenails are required per truss/rafter per bearing point into plate. Use proper bolt anchors. Strap rafters to truss or at each end with minimum uplift resistance of 450# each end. Strap ridge beam at each end with minimum uplift resistance of 1000#. It is the contractors responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.		

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300
*or per truss engineering Use proper bolt anchors All beams to be sheathed or strapped to Double Top Plate when applicable.				

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails @ 3" O.C.
Use SP1 & SP2 @ 32" O.C. on all bearing walls.
Interior anchor bolts to be ½" x 8" A307 or ½" x 7" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.

NOTE:

1. For nailing into SPF members, multiply table values by .86
2. See truss engineering for anchor tie-down values.

ASCE 7-02

2/5/07

Wind Load Design per ASCE 7-02

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	7.4	Deg
Type of Roof	Gabled	
Eave Height (Eht)	20.33	ft
Ridge Height (RHt)	20.78	ft
Mean Roof Height (Ht)	17.83	ft
Width Perp. to Wind (B)	12.00	ft
Width Parallel to Wind (L)	31.08	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters		
Type of Structure		
Height/Least Horizontal Dim	1.49	
Flexible Structure	No	

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.9349	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8866	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	1.16	
Nb	4.6*NatFreq*B/Vzm	0.78	
Nd	15.4*NatFreq*Depth/Vzm	6.75	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5277	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.6334	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.1371	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	1.0471	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	1.28	

Gust Factor Summary			
Main Wind-force resisting system:		**Components and Cladding:**	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.89	Gust Factor (G)	0.89

ASCE 7-02

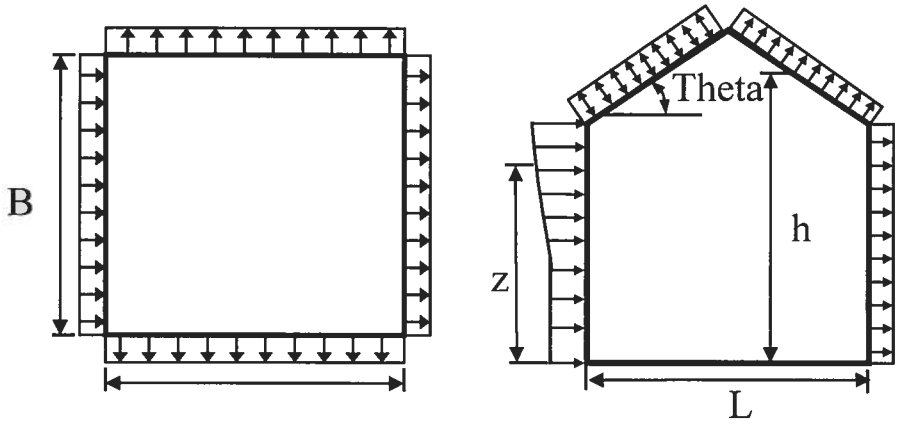
Wind Load Design per ASCE 7-02

6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev. ft	Kz	Kzt	Kd 1.00	qz lb/ft^2	Pressure (lb/ft^2) Windward Wall* +GCpi	-GCpi
20.78	0.70	1.00	1.00	21.70	12.03	18.76
20.33	0.70	1.00	1.00	21.70	12.03	18.76
20	0.70	1.00	1.00	21.70	12.03	18.76
17.83	0.70	1.00	1.00	21.70	12.03	18.76
15	0.70	1.00	1.00	21.70	12.03	18.76

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(Ht/zg)^(2/Alpha)	0.60	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	18.70	psf

Wall Pressure Coefficients, Cp	
Surface	**Cp**
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf) +GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 12 ft wall)	-0.27	-7.85	-1.12
Leeward Walls (Wind Dir Parallel to 31.08 ft wall)	-0.50	-11.66	-4.92
Side Walls	-0.70	-14.97	-8.24
Roof - Normal to Ridge (Theta<10)			
Dist from Windward Edge: 0 ft to 8.915 ft	-1.30	-24.92	-18.19
Dist from Windward Edge: 8.915 ft to 17.83 ft	-0.70	-14.97	-8.24
Dist from Windward Edge: 17.83 ft to 35.66 ft	-0.70	-14.97	-8.24
	0.00	0.00	0.00
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 8.915 ft	-0.96	-19.27	-12.53

ASCE 7-02

Wind Load Design per ASCE 7-02

Dist from Windward Edge: 8.915 ft to 17.83 ft	-0.87	-17.80	-11.07
Dist from Windward Edge: 17.83 ft to 35.66 ft	-0.53	-12.15	-5.41
	0.00	0.00	0.00

* Horizontal distance from windward edge

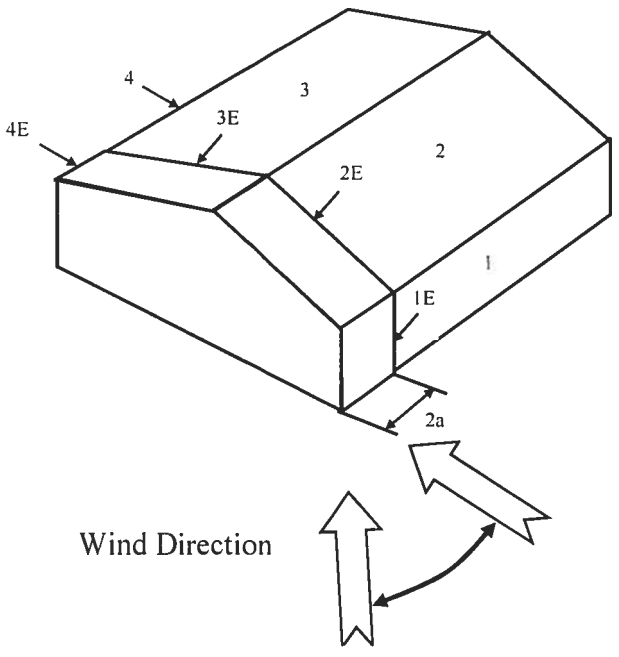
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.60
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.70

Case A						
Surface	**GCpf**	**+GCpi**	**-GCpi**	**qh (psf)**	**Min P (psf)**	**Max P (psf)**
1	0.42	0.18	-0.18	21.70	5.23	13.04
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.39	0.18	-0.18	21.70	-12.32	-4.51
4	-0.31	0.18	-0.18	21.70	-10.69	-2.87
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.64	0.18	-0.18	21.70	9.99	17.80
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.56	0.18	-0.18	21.70	-15.96	-8.15
4E	-0.46	0.18	-0.18	21.70	-13.97	-6.15
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* p = qh * (GCpf - GCpi)



ASCE 7-02

Wind Load Design per ASCE 7-02

W

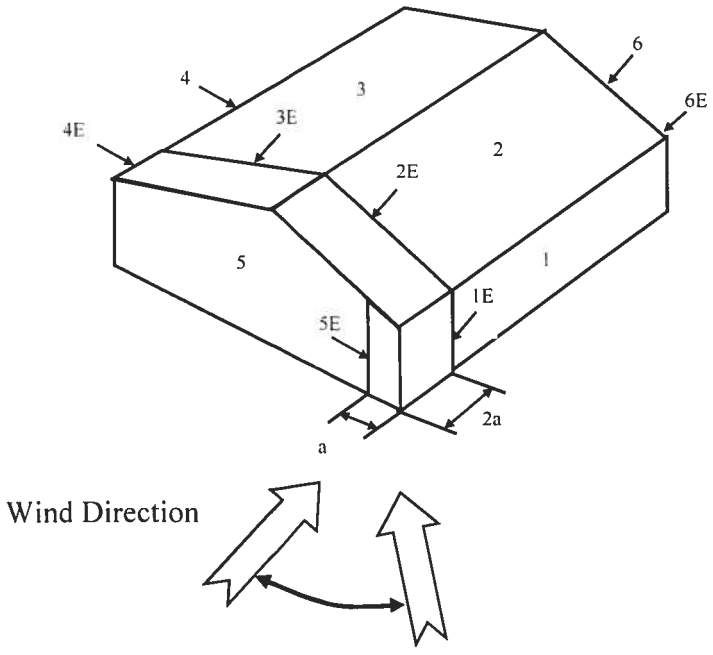
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.60
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.70

Case B						
Surface	**GCpf**	**+GCpi**	**-GCpi**	**qh (psf)**	**Min P (psf)**	**Max P (psf)**
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

* p = qh * (GCpf - GCpi)

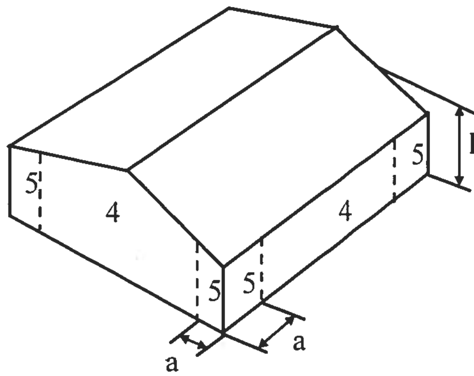


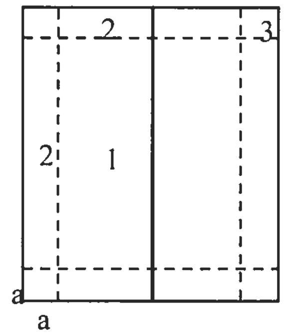
ASCE 7-02

Wind Load Design per ASCE 7-02

Figure 6-5 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft





Gabled Roof
Theta <= 10

a = 1.2 ==> 3.00 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp Max	GCp Min	Wind Press (lb/ft^2) Max	Wind Press (lb/ft^2) Min
	16	7	112.00	5	0.81	-1.03	18.60	-22.62
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
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	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

ASCE 7-02

Wind Load Design per ASCE 7-02

Condition	Gcpi	
	Max +	Max -
Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	**0.18**	**-0.18**

Table 6-8 External Pressure Coefficients for Arched Roofs, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.29	-19.95	-11.66
	P (-GCpi) -psf	5.44	-13.22	-4.92
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.60	-19.95	-11.66
	P (-GCpi) -psf	3.60	-19.95	-11.66

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, Cf

Variable	Description	Value	
L	Roof dimension normal to wind direction	31.08	ft
B	Roof dimension parallel to wind direction	12.00	ft
L/B	Ratio of L to B	2.590	
Theta	Slope of Roof	7.4	Deg
Cf	Force Coefficient	0.00	
X	Distance to center of pressure from windward edge	0.00	ft

COLUMBIA COUNTY INSPECTION SHEET

DATE 01/18/2008 TAKEN BY CH **INSPECTION DATE:** 1-22-08

BUILDING PERMIT # 000026309 **CULVERT / WAIVER PERMIT #** _____ **WAIVER** _____

PARCEL ID # 27-7S-17-10055-108 ZONING ESA-2

TYPE OF DEVELOPMENT SFD, ADDITION, UTLY

SETBACKS: FRONT 30.00 REAR 25.00 SIDE 25.00 HEIGHT 14.00

FLOOD ZONE AE/F SEPTIC 07-0323-E NO. EXISTING D.U. 1

SUBDIVISION RIVERVIEW Lot 8 Block ___ Unit ___ Phase ___

OWNER MICHAEL & ERIN GIANIKAS PHONE 386-462-7752

ADDRESS 492 SE RIVERVIEW CIRCLE HIGH SPRINGS FL 32643

CONTRACTOR OWNER BUILDER PHONE _____

LOCATION 441 S, L SE RIVERVIEW CIRCLE, 1ST HOUSE ON THE LEFT

(LAST RD ON THE LEFT INSIDE COLUMBIA COUNTY)

COMMENTS: SECTION 2.3.1 NOT EXCEEDING 50%, SWRMD PERMIT INCLUDED, ZERO RISE INCLUDED, DISCLOSURE STATEMENT INCLUDED,MFE SET @ 50'

NOC ON FILE

INSPECTION(S) REQUESTED:

_____ Temp Power _____ _____ Foundation 10/09/2007 HD _____ Set backs 10/09/2007 HD

_____ Mono Slab _____ _____ Under Slab Rough-in _____ _____ Slab _____

_____ Sheathing/Nailing 11/07/2007 HD _____ Framing 11/13/2007 HD _____ Other _____

_____ Above slab Rough-in _____ _____ Electrical Rough-in 11/13/2007 HD

_____ Heat & A/C _____ _____ Beam (Lintel) _____ _____ Perm Power _____

✓ ~~CO~~ Final _____ _____ Culvert _____ _____ Reconnection _____

_____ Pool _____ _____ MH Perm Power _____ _____ Utility Pole _____

_____ RV Power _____ _____ Re-Roof _____ _____ MH Pole _____

INSPECTORS:

APPROVED _____ NOT APPROVED _____ BY _____ POWER CO. PROGRESS

INSPECTORS COMMENTS: _____

PKAC/KL #125

20.50

135.00

This Warranty Deed

Made this 25th day of February A.D. 2000
by William B. Scheel

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FL

'00 MAR -7 PM 2:57

hereinafter called the grantor, to 00-04057
Michael P. Gianikas and Erin F. Gianikas, husband and wife

whose post office address is: 15013 SW 26th Pl
Newberry, Florida 32669

hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of $ 10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Schedule A attached hereto and by this reference made a part hereof.

SUBJECT TO: taxes for the year 2000, and subsequent years, easements and restrictions of record and applicable zoning laws.

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel Identification Number: R 10055-000

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple, that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 1999

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Nannet Read Name Witness NANNET READ	William B. Scheel (LS) Name & Address William B. Scheel 4589 Ortega Blvd Jacksonville, FL 322100
VE McCormac Name Witness VE McCORMAC	Name & Address (LS)
Name	Name & Address (LS)
Name	Name & Address OR 0899 PG 0045 (LS)

State of Florida
County of Alachua

The foregoing instrument was acknowledged before me this 25th day of February, 2000, by

William B. Scheel

Schedule A

Lot Eight (8), RIVER VIEW, a subdivision according to plat recorded in Plat Book 5, page 73 of the Public Records of Columbia County, Florida, less and except the South 20 feet thereof.

Also
Commence at the Northwest corner of Section 27, Township 7 South, Range 17 East, Columbia County, Florida and run North 88 degrees, 29 minutes, 22 seconds East along the North line of said Section 27, 1599.53 feet to the Northeast corner of Lot 28 of said River View and the Point of Beginning; thence South 00 degrees, 23 minutes, 45 seconds East along the East line of said Lot 28 and the East right of way line of Riverview Drive, 199.92 feet to the Northwest corner of said Lot 8; thence North 89 degrees, 32 minutes, 44 seconds East along the North line of said Lot 8, 235.38 feet to a concrete monument; thence continue North 89 degrees, 32 minutes, 44 seconds East along said North line, 3 feet, more or less, to the top of bank of the Santa Fe River; thence Northeasterly along said top of bank 400 feet, more or less to the North line of said Section 27; thence South 88 degrees, 29 minutes, 22 seconds West along the North line of said Section 27, 2 feet, more or less, to a concrete monument; thence continue South 88 degrees, 29 minutes, 22 seconds West along said North line, 551.76 feet to the Point of Beginning.

COMMENCE AT THE NORTHWEST CORNER OF SECTION 27, TOWNSHIP 7 SOUTH, RANGE 17 EAST, OF COLUMBIA COUNTY, FLORIDA AND RUN N 88°29'22" E ALONG THE NORTH LINE OF SAID SECTION 27, 1599.53 FEET TO THE NORTHEAST CORNER OF LOT 28 OF RIVER VIEW, A SUBDIVISION ACCORDING TO PLAT RECORDED IN PLAT BOOK 5, PAGE 73 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA; THENCE S 00°23'45" E ALONG THE EAST LINE OF LOT 28 OF SAID RIVER VIEW SUBDIVISION AND THE EAST RIGHT-OF-WAY LINE OF RIVERVIEW DRIVE, 179.96 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S 00°23'45" E, 19.96 FEET TO THE NORTH LINE OF LOT 8, OF SAID RIVER VIEW SUBDIVISION; THENCE N 89°32'44" E ALONG SAID NORTH LINE, 235.38 FEET TO A CONCRETE MONUMENT; THENCE CONTINUE N 89°32'44" E, 3 FEET, MORE OR LESS TO THE TOP OF BANK OF THE SANTA FE RIVER; THENCE NORTHERLY ALONG SAID TOP OF BANK, 20 FEET, MORE OR LESS; THENCE S 89°32'44" W, 3 FEET, MORE OR LESS TO A CONCRETE MONUMENT; THENCE CONTINUE S 89°32'44" W, 235.38 FEET TO THE POINT OF BEGINNING.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600C-04
Small Additions, Renovations & Building Systems

Residential Limited Applications Prescriptive Method C

NORTH 1 2 3

Compliance with Method C of Sub-Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600C-04 for additions of 600 square feet or less, site-installed components of manufactured homes, and renovations to single- and multiple-family residences. Alternative methods are provided for additions by use of Form 600B-04 or 600A-04.

PROJECT NAME: AND ADDRESS: GAINIKAS	BUILDER: ONEIL CONST		
	PERMITTING OFFICE: Columbia	CLIMATE ZONE: 1 ☐ 2 ☑ 3 ☐	
OWNER: Same	PERMIT NO.: 26309	JURISDICTION NO.: 221000	

SMALL ADDITIONS TO EXISTING RESIDENCES (600 square feet or less of conditioned area). Prescriptive requirements in Tables 6C-1, 6C-2, and 6C-3 apply only to the components of the addition, not to the existing building. Space heating, cooling, and water heating equipment efficiency levels must be met only when equipment is installed specifically to serve the addition or is being installed in conjunction with the addition construction. Components separating unconditioned spaces from conditioned spaces must meet the prescribed minimum insulation levels. RENOVATIONS (Residential buildings undergoing renovations costing more than 30% of the assessed value of the building). Prescriptive requirements in Tables 6C-1 and 6C-2 apply only to the components and equipment being renovated or replaced. MANUFACTURED HOMES AND BUILDINGS. Only site-installed components and features are covered by this form. BUILDING SYSTEMS. Comply when complete new system is installed.

	Please Print	CK
1. Renovation, Addition, New System or Manufactured Home	1. ADD	
2. Single-family detached or Multiple-family attached	2. SF	
3. If Multiple-family–No. of units covered by this submission	3. 0	
4. Conditioned floor area (sq. ft.)	4. 385	
5. Predominant eave overhang (ft.)	5. 2	
6. Glass type and area:	Single Pane / Double Pane	
a. Clear glass	6a. ____ sq. ft. 148 sq. ft.	
b. Tint, film or solar screen	6b. ____ sq. ft. 0 sq. ft.	
7. Percentage of glass to floor area	7. 38 %	
8. Floor type and insulation:		
a. Slab-on-grade (R-value)	8a R = ____ ____ lin. ft.	
b. Wood, raised (R-value)	8b. R = 19 385 sq. ft.	
c. Wood, common (R-value)	8c. R = ____ ____ sq. ft.	
d. Concrete, raised (R-value)	8d. R = ____ ____ sq. ft.	
e. Concrete, common (R-value)	8e. R = ____ ____ sq. ft.	
9. Wall type and insulation:		
a. Exterior: 1. Masonry (Insulation R-value) 2. Wood frame (Insulation R-value)	9a-1 R = ____ ____ sq. ft. 9a-2 R = 13 356 sq. ft.	
b. Adjacent: 1. Masonry (Insulation R-value) 2. Wood frame (Insulation R-value)	9b-1 R = ____ ____ sq. ft. 9b-2 R = ____ ____ sq. ft.	
c. Marriage Walls of Multiple Units* (Yes/No)	9c ____ ____	
10. Ceiling type and insulation:		
a. Under attic (Insulation R-value)	10a. R = 30 385 sq. ft.	
b. Single assembly (Insulation R-value)	10b. R = ____ ____ sq. ft.	
11. Cooling system* (Types: central, room unit, package terminal A.C., gas, existing, none)	11. Type: Cent. SEER/EER: 13	
12. Heating system* (Types: heat pump, elec. strip, natural gas, LP-gas, gas h.p., room or PTAC, existing, none)	12. Type: HP HSPF/COP/AFUE: 7.7	
13. Air distribution system*		
a. Backflow damper or single package systems* (Yes/No)	13a. ✓	
b. Ducts on marriage walls adequately sealed* (Yes/No)	13b. ____	
14. Hot water system: (Types: elec., natural gas, other, existing, none)	14. Type: N/A EF: ____	

* Pertains to manufactured homes with site-installed components.

SUNCOAST INSULATORS
825 NW 253rd Terrace
Newberry, FL 32669
(352) 472-3333
Fax (352) 472-2633

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

PREPARED BY: [signature] DATE: 9/10/17

I hereby certify that this building is in compliance with the Florida Energy Code:

OWNER AGENT: _____ DATE: _____

Review of 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: _____

FAXED

Climate Zones 1, 2, 3

TABLE 6C-1: PRESCRIPTIVE REQUIREMENTS FOR SMALL ADDITIONS (600 Sq. Ft. and Less), RENOVATIONS TO EXISTING BUILDINGS AND SITE-INSTALLED COMPONENTS OF MANUFACTURED HOMES

	COMPONENT	MINIMUM INSULATION	INSTALLED INSULATION
WALLS	Concrete Block	R-7	35C
	Frame, 2' x 4'	R-11	
	Frame, 2' x 6'	R-19	
	Common, Frame	R-11	
	Common, Masonry	R-3	
CEILINGS	Under Attic	R-30	✓
	Single Assembly; Enclosed		
	Frame	R-19	
	Metal Pans	R-13	
	Single Assembly; Open	R-10	
	Common, Frame	R-11	
FLOORS	Slab-on-grade	No Minimum	
	Raised Wood	R-19	✓
	Raised Concrete	R-7	
	Common, Frame	R-11	
DUCT	In unconditioned space	R-6	✓
	In conditioned space	No minimum	

	EQUIPMENT	MINIMUM EFFICIENCY	INSTALLED EFFICIENCY
COOLING	Central A/C - Split	SEER = 10.0	SEER = ✓
	- Single Pkg.	SEER = 9.7	SEER =
	Room unit or PTAC	EER = 8.5*	EER =
SPACE HEATING	Electric Resistance	ANY	
	Heat pump - Split	HSPF = 6.8	HSPF = ✓
	- Single Pkg.	HSPF = 6.6	HSPF =
	Room unit or PTHP	COP = 2.7*	HSPF/COP =
	Gas, natural or propane	AFUE = .78	AFUE =
	Fuel Oil	AFUE = .78	AFUE =
HOT WATER	Electric Resistance	EF = .92	EF = ✓
	Gas; natural or LP	EF = .59	EF =
	Fuel Oil	EF = .54	EF =

* See Table 13-607.1.ABC.3.2 and 13-608.1.ABC.3.2

TABLE 6C-2: PRESCRIPTIVE REQUIREMENTS FOR GLASS AREAS IN ADDITIONS ONLY

Maximum percentage glass to floor area allowed is selected by type, overhang length, and solar heat gain coefficient. Maximum % = 46 Installed % = 34

GLASS TYPE, OVERHANG, AND SOLAR HEAT GAIN COEFFICIENT REQUIRED FOR GLASS PERCENTAGE ALLOWED

UP TO 20%		UP TO 30%		UP TO 40%		UP TO 50%	
Single	Double	Single	Double	Single	Double	Single	Double
OH-SHGC	OH-SHGC	OH-SHGC	OH-SHGC	OH-SHGC	OH-SHGC	OH-SHGC	OH-SHGC
1' - .87 0' - .75	0' - .78	2' - .87 1' - .75 0' - .57	1' - .78 0' - .61	NOT ALLOWED	2' - .78 1' - .61 0' - .44	NOT ALLOWED	3' - .78 2' - .61 1' - .44 0' - .35

Get certified SHGC from the manufacturer or use defaults: Single clear SHGC = .75, double clear SHGC = .66, and single tint SHGC = .64

TABLE 6C-3 MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	✓
Exterior Windows & Doors	606.1	Max. 0.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	✓
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	✓
Multistory Houses	606.1	Air barrier on perimeter of floor cavity between floors.	✓
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	✓
Combustion Heating	606.1	Combustion space and water heating systems must be provided with outside combustion air, except for direct vent appliances.	✓
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker electric or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Noncommercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%.	✓
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	✓
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 psig.	✓
HVAC Duct Construction, Insulation & Installation	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610.1. Ducts in attics must be insulated to a minimum of R-6.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓

GENERAL DIRECTIONS:

1. On Table 6C-1 indicate the R-value of the insulation being added to each component and the efficiency levels of the equipment being installed. All R-values and efficiencies installed must meet or exceed the minimum values listed. Components and equipment neither being added nor renovated may be left blank.
2. ADDITIONS ONLY. Determine the percentage of new glass to conditioned floor area in the addition as follows. Total the areas of all glass windows, sliding glass doors and glass door panels. Double the area of all nonvertical roof glass and add it to the previous total. When glass in existing exterior walls is being removed or enclosed by the addition, an amount equal to the total area of this glass may be subtracted from the total glass area. Divide the adjusted glass area total by the conditioned floor area of the addition. Multiply by 100 to get the percent. Find the largest glass percentage under which your calculated percentage falls on Table 6C-2. Prescriptives are given by the type of glass (single or double pane) and the overhang (OH) paired with a solar heat gain coefficient (SHGC). For a given glass type and overhang, the minimum solar heat gain coefficient allowed is specified. Actual glass windows and doors previously in the exterior walls of the house and being reinstalled in the addition do not have to comply with the overhang and solar heat gain coefficient requirements on Table 6C-2. All new glass in the addition must meet the requirement for one of the options in the glass percentage category you indicated. The overhang (OH) distance is measured perpendicularly from the face of the glass to a point directly under the outermost edge of the overhang.
3. RENOVATIONS ONLY. Replacement glass needs to meet the following requirements. Any glass type and solar heat gain coefficient may be used for glass areas which are under at least a 2-foot overhang and whose lowest edge does not extend further than 8 feet from the overhang. Glass areas being renovated that do not meet this criteria must be either single-pane tinted, double-pane clear or double-pane tinted.
4. BUILDING SYSTEMS. Comply when new system is installed for system installed.
5. Complete the information requested on the top half of page 1.
6. Read "Minimum Requirements for Small Additions and Renovations," Table 6C-3, and check all applicable items.
7. Read, sign and date the "Owner/Agent" certification statement on page 1.

26309

SCHAFER ENGINEERING, LLC

7104 NW 42ND LANE GAINESVILLE FL 32606 PH: 386-462-1340 – 352-375-6329

November 14, 2007

Job: Oneil Consrtuction

Re: Gianikas Addition

Dear Sir:

The 2 x 8 #2 x 11'-5" maximum open span rafters spaced at 16" o.c. that were installed have been structurally analyzed and were found to be acceptable.

If you have any questions or if we can be any further assistance, please feel free to contact us at your convenience.

11-16-07

Bruce Schafer, P.E. #48984
7104 N. W. 42nd Lane
Gainesville, Florida 32606

NOTICE OF COMMENCEMENT 26309

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 27-7S-17-10055-108

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes. the following information is provided in this **NOTICE OF COMMENCEMENT.**

1. Description of property *(legal description)*: LOT 8 and attached River Rise Resort
   a) Street *(job)* Address: 492 SE RIVERVIEW Circle
2. General description of improvements: ADDITION TO RESIDENCE

3. Owner Information
   a) Name and address: Mike Giankas PO Box 2467 Alachua, FL 32616
   b) Name and address of fee simple titleholder (if other than owner) _____
   c) Interest in property owner / resident
4. Contractor Information
   a) Name and address: ~~Mike~~ Mike Giankas PO Box 2467 Alachua, FL 32616
   b) Telephone No.: 352-363-0115 Fax No. (Opt.) 386-462-1275
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond: _____
   c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
   a) Name and address: N/A
   b) Phone No. _____
7. Identity of person within the State of Florida designated by own
   a) Name and address: _____
   b) Telephone No.: _____

Inst:200712022560 Date:10/5/2007 Time:2:27 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b). Florida Statutes:
   a) Name and address: _____
   b) Telephone No.: _____ Fax No. (Opt.) _____

9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified):** 10/5/08

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. _____
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Michael P Giankas
Print Name

The foregoing instrument was acknowledged before me , a Florida Notary, this 5th day of October, 20 07, by:
Michael Giankas as owner builder **(type of authority, e.g. officer, trustee, attorney fact) for** _____ **(name of party on behalf of whom instrument was executed).**

Personally Known ____ OR Produced Identification ✓ Type DL

Notary Signature _____ Notary Stamp or Seal:

GALE TEDDER
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

_____
Signature of Natural Person Signing (in line #10 above.)