

PERMIT
000033873

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

✓ ^{prior} to permit i.c.
Truss package

Spoke to Isaac 3-18-16 \$717.76 ck# 1002

March 18, 2016

Plans Reviewer
Columbia County Building Department
135 NE Hernando Ave.
Suite B-21
Lake City, FL 32055

Re: **One Foot Rise Letter of Record**
Article 8.5 Provisions for Flood Hazards
Columbia County Land Development Regulation

Parcel: 00-00-00-00533-009
Lot 9, Three Rivers Estate Section 1
County: Columbia, FL
STR: S023 T06 R15
Address: 302 SW Riverside Avenue, Ft White, FL 32038

Owners:
Hilda and David Gilchrist
2235 Trescott Drive
Tallahassee, FL 32308

Dear Plans Reviewer:

In accordance with 8.5.2.6. a. I have calculated that the total development will not increase the water surface elevation of the surveyed Base flood elevation of 33' (100-year flood level) by more than one foot. Please refer to drawing sheet A-001 for the Survey datum.

The buildable site level on the parcel above the demarcated wetlands exceeds 0.55 acres or 24,000 sf. The construction below the 33' elevation consists of a 480 sf ground floor slab spanning grade beams, concrete foundation piers and steel columns that combined equate to less than 800 cu ft.

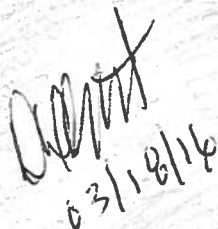
During a flood event this volume adds .033' or less than 1/2 inch of surface elevation,

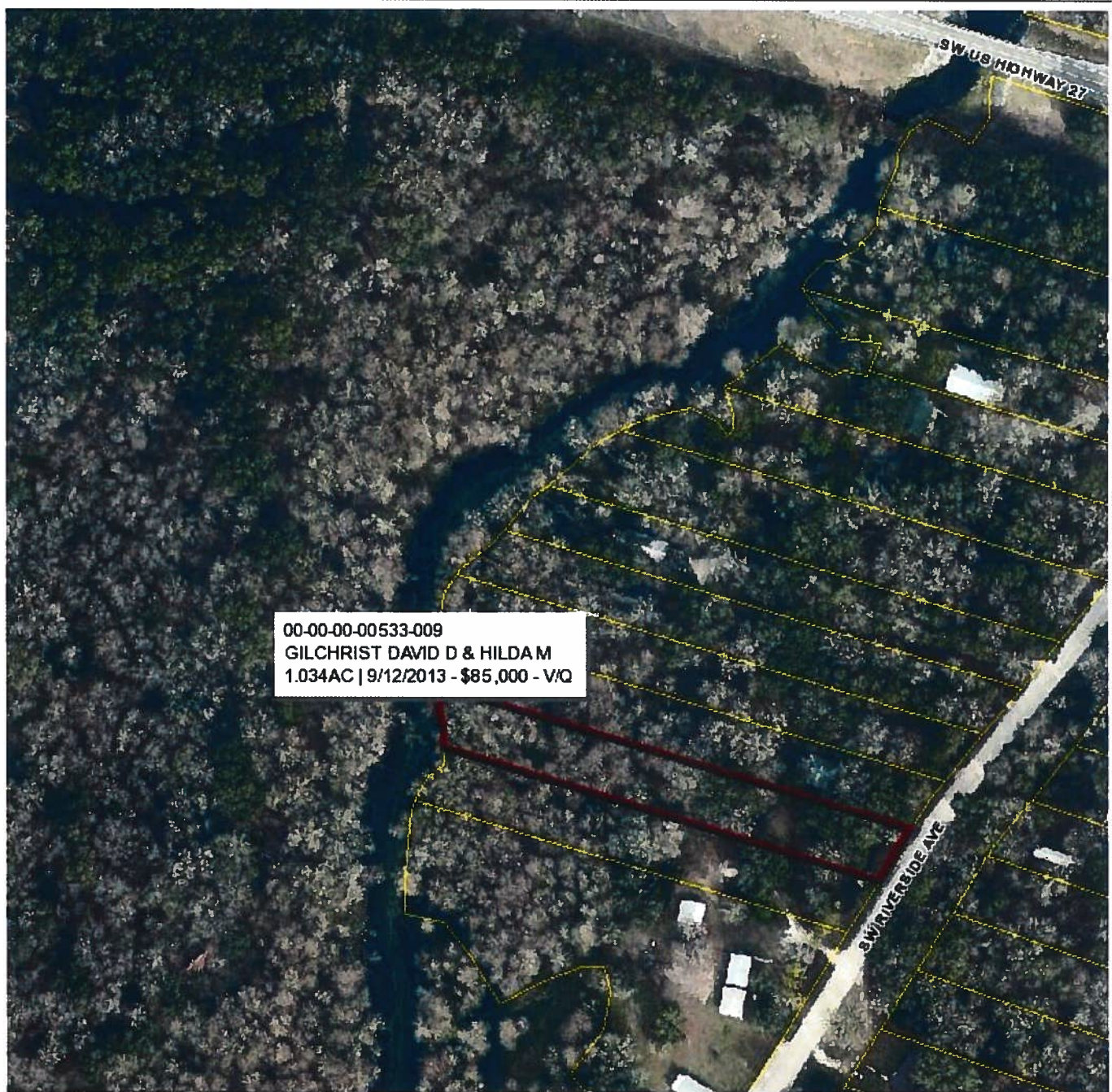
Herein, as Architect of Record, I certify that no hazard to the rule will be realized for the community of Three Rivers Estate.

Sincerely,



David D, Gilchrist, RA
FL License # AR 0012025





00-00-00-00533-009
GILCHRIST DAVID D & HILDA M
1.034AC | 9/12/2013 - \$85,000 - V/Q

0 130 260 390 520 650 780 910 1040 1170 1300 ft

Columbia County Property Appraiser

J. Doyle Crews - Lake City, Florida 32055 | 386-758-1083

PARCEL: 00-00-00-00533-009 - MISC RES (000700)

LOT 9 SEC 1 THREE RIVERS ESTATES. ORB 988-1625. & WD 1261-1521

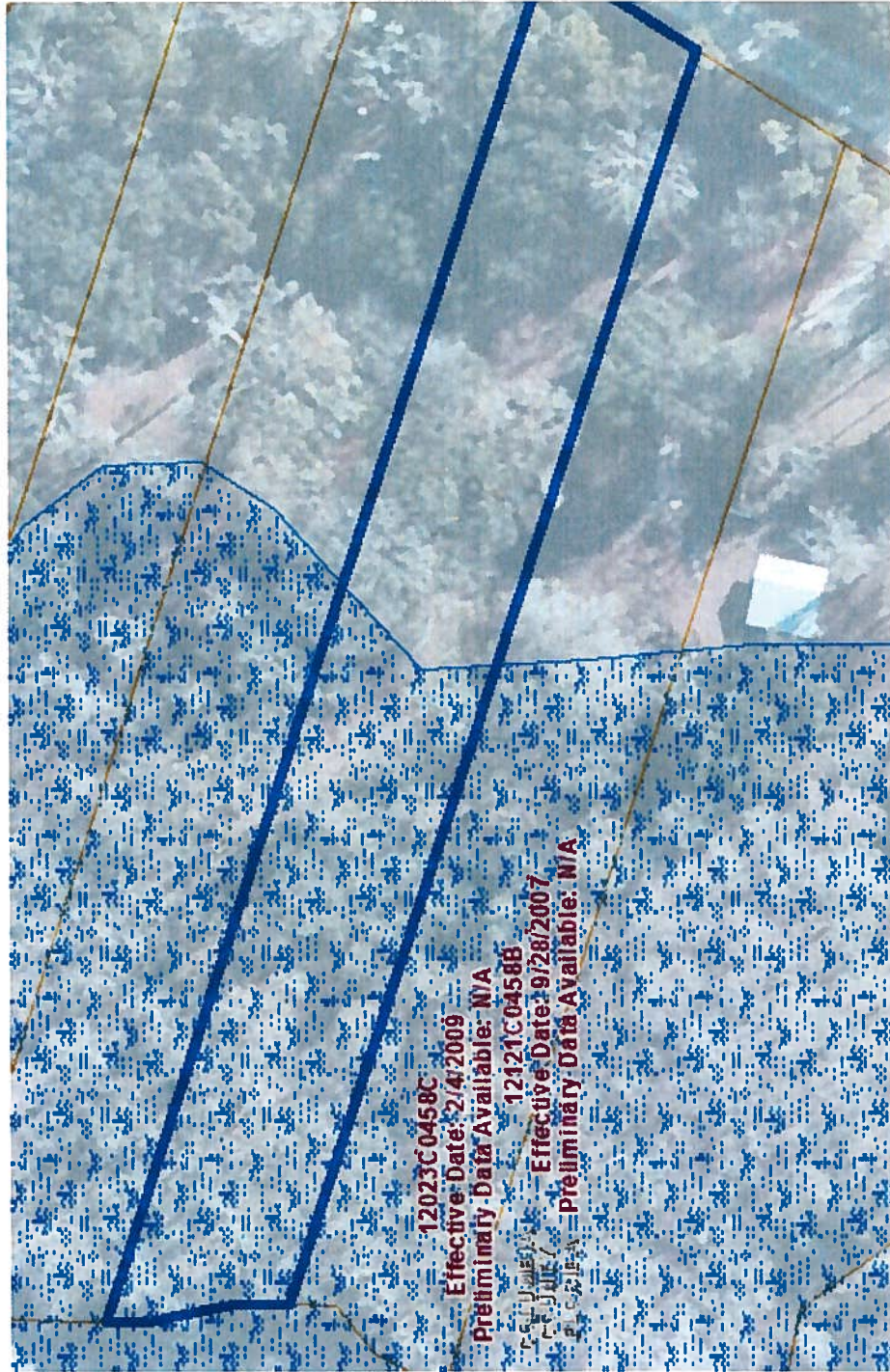
NOTES:

Name: GILCHRIST DAVID D & HILDA M		2015 Certified Values	
Site:		Land	\$73,074.00
Mail:	2235 TRESCOTT DR	Bldg	\$0.00
	TALLAHASSEE, FL 32308	Assd	\$73,074.00
Sales	9/12/2013 \$85,000.00 V / Q	Exmpt	\$0.00
Info	6/30/2003 \$92,500.00 V / Q	Taxbl	
		Cnty: \$73,074	
		Other: \$73,074 Schl: \$73,074	



This information, updated: 3/7/2016, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

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GrizzlyLogic.com

Effective Flood Zones described on
Page 2

- | Effective Flood Zones described on Page 2 | | Depressions | BFE | Cross Sections |
|---|---|--|--|----------------|
| 
SFHA - Zone VE | 
Wetlands | 
Counties |  | |
| 
SFHA - AE w/Floodway | 
FIRM Panel | 
SRWMD |  | |
| 
SFHA - Zones AE, AH, AO | 
State Lands | 
Parcels |  | |

The Federal Emergency Management Agency (FEMA) maintains information about map features, such as street locations and names, in or near designated flood hazard areas. The information herein represents the best available data as of the effective date shown. The applicable Flood Insurance Study and a Digital Flood Insurance Rate Map is available online (<http://www.srwmdfloodreport.com>). To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to also consult the FEMA Map Service Center at 1-800-358-9616 (<http://www.msc.fema.gov>) for information on available products associated with this FIRM panel.

Available products from the Map Service Center may include previously issued Letters of Map Change.

Requests to revise flood information in or near designated flood hazard areas may be provided to FEMA during the community review period on preliminary maps, or through the Letter of Map Change process for effective maps.

Base Flood Elevation (BFE)

The elevation shown on the Flood Insurance Rate Map for Zones AE, AH, A1-A30, AR, AO, V1-V30, and VE that indicates the water surface elevation resulting from a flood that has a one percent chance of equaling or exceeding that level in any given year.

A

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.

AE, A1-A30

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. In most instances, base flood elevations derived from detailed analyses are shown at selected intervals within these zones.

AH

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Usually areas of ponding with flood depths of 1 to 3 feet. Base Flood Elevations are determined.

AO

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Usually areas of sheet flow on sloping terrain with flood depths of 1 to 3 feet. Base Flood Elevations are determined.

Supplemental Information:

10%-chance flood elevations (10-year flood-risk elevations) and 50%-chance flood elevations (2-year flood-risk elevations), are calculated during detailed flooding studies but are not shown on FEMA Digital Flood Insurance Rate Maps (FIRMs). They have been provided as supplemental information in the Flood Information section of this report.

AE FW (FLOODWAYS)

The channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood (1% annual chance flood event). The floodway must be kept open so that flood water can proceed downstream and not be obstructed or diverted onto other properties.

Please note, if you develop within the regulatory floodway, you will need to contact your Local Government and the Suwannee River Water Management District prior to commencing with the activity. Please contact the District at 800.226.1066.

VE

Areas with a 1% annual chance of flooding over the life of a 30-year mortgage with additional hazards due to storm-induced velocity wave action. Base Flood Elevations (BFEs) derived from detailed analyses.

X 0.2 PCT (X Shaded, 0.2 PCT ANNUAL CHANCE FLOOD HAZARD)

Same as Zone X; however, detailed studies have been performed, and the area has been determined to be within the 0.2 percent annual chance floodplain (also known as the 500-year flood zone). Insurance purchase is not required in this zone but is available at a reduced rate and is recommended.

X

All areas outside the 1-percent annual chance floodplain are Zone X. This includes areas of 1% annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1% annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1% annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones.

LINKS

FEMA:

<http://www.fema.gov>

SRWMD:

<http://www.srwmd.state.fl.us>

CONTACT

SRWMD
9225 County Road 49
Live Oak, FL 32060

(386) 362-1001

Toll Free:
(800) 226-1066

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RECALCULANT UP
2. THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
3. BEARINGS ARE BASED ON SAID PLAT OF RECORD AND THE BEARING BASIS AS SHOWN HEREIN.
4. THIS PARCEL IS IN ZONE "A/C" AND IS SUBJECT TO FLOODING. A BASE FLOOD ELEVATION
5. IS ESTABLISHED TO BE 33 FEET AS PER FLOOD INSURANCE RATE MAP, DATED 4 FEBRUARY,
6. 2009 FIRM PANEL NO. 12023C045BC. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE
7. SUBJECT TO CHANGE.
8. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON
9. DATE OF FIELD SURVEY AS SHOWN HEREIN.
10. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR
11. THIS SURVEY EXCEPT AS SHOWN HEREIN.
12. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE
13. POLICY.
14. DIMENSIONS SHOWN HEREIN ARE IN FEET AND DECIMAL PARTS THEREOF.
15. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
16. THE ADJACENT OWNERSHIP INFORMATION AS SHOWN HEREIN IS BASED ON THE COUNTY
17. PROPERTY APPRAISERS GIS SYSTEM, UNLESS OTHERWISE NOTED.
18. THE ELEVATIONS AS SHOWN HEREIN ARE BASED ON NAVD 88 DATUM
19. II. THE TREE TYPES ARE AS PROVIDED BY OUR CLIENT.



A vertical color calibration chart. It features a grayscale bar on the left with steps from white to black. To the right of the grayscale bar is a color bar with patches of primary and secondary colors. Below the color bar, the text 'GRAPHIC SCALE' is printed vertically. At the bottom of the chart, the numbers 0, 10, 20, 40, and 60 are printed, likely indicating a scale for the color or grayscale values.

DESCRIPTION: LOT 9 OF "THREE RIVERS ESTATES SECTION NO. 1" AS PER THE PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGE 53 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

LOT 10
S. NEIGHBOR
UNIMPROVED PROPERTY
THEY STAY IN R.V.)

LOT 10

TOP OF MONUMENT
ELEVATION 30.21'

153

REASONS		INITIAL	DATE	NO.	BY
FIELD BOOK					
DOWN BY	NO				
DESIGNED BY	NO		1/13		
DESIGNED BY	NO		5/7/74		

PROJECT

Lot 09 Riverside
3 Rivers Estates

SHEET TITLE

Site Plan / Survey

COMPUTER FILE - SEE TIME STAMP	PROJ
FILE NO	

SHEET
2

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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 WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature

****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Contractor's Signature (Permitee)

Contractor's License Number CBC-1258773

Columbia County

Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 26 day of February 2016.

Personally known ✓ or Produced Identification ✓

SEAL:

State of Florida Notary Signature (For the Contractor)

**Columbia County Building Department
Flood Development Permit**

**Development Permit
F 023- 16-002**

DATE 03/21/2016 BUILDING PERMIT NUMBER 000033873
APPLICANT ISAAC NICKELSON PHONE 386-628-0823
ADDRESS 496 SW RING CT, STE A-9 LAKE CITY FL 32025
OWNER DAVID & HILDA GILCHRIST PHONE 850-997-8585
ADDRESS 302 SW RIVERSIDE AVE FORT WHITE FL 32038
CONTRACTOR ISAAC NICKELSON PHONE 386-628-0823
ADDRESS 496 SW RING CT, STE A-9 LAKE CITY FL 32025
SUBDIVISION THREE RIVERS EST Lot 9 Block Unit 1 Phase
TYPE OF DEVELOPMENT SFD, UTILITY PARCEL ID NO. 23-6S-15-00533-009

FLOOD ZONE AE BY BS 2-4-2009 FIRM COMMUNITY # 120070 - PANEL # 0458-C
FIRM 100 YEAR ELEVATION 33' PLAN INCLUDED YES or NO
REQUIRED LOWEST HABITABLE FLOOR ELEVATION 34'
IN THE REGULATORY FLOODWAY YES or NO RIVER Ich.
SURVEYOR / ENGINEER NAME David Gilchrist LICENSE NUMBER AR 0012025

X ONE FOOT RISE CERTIFICATION INCLUDED

 ZERO RISE CERTIFICATION INCLUDED

 SRWMD PERMIT NUMBER
(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



SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1602-64 - Gilchrist CONTRACTOR Premier Building, LLC PHONE 386-965-0985

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

<input checked="" type="checkbox"/> ELECTRICAL ✓ <u>602</u>	Print Name _____ License #: <u>Clinton G. Wilson</u>	Signature _____ <i>Clinton G. Wilson</i> DocuSigned by: Clinton G. Wilson 5B59CA1032C8403
MECHANICAL/A/C	Print Name _____ License #: <u>CAC057886</u>	Signature _____ Phone #: <u>386-496-9000</u>
PLUMBING/GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER **1602-64 - Gilchrist** CONTRACTOR **Premier Building, LLC** PHONE **386-965-0985**

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

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DocuSigned by:

ELECTRICAL/ 301	Print Name: Matt Burns	Signature: Matt Burns
	License #: EC13006531	Phone #: 3810DD6586
MECHANICAL/ A/C	Print Name: _____	Signature: _____ Phone #: _____
PLUMBING/ GAS	Print Name: _____	Signature: _____ Phone #: _____
ROOFING	Print Name: _____	Signature: _____ Phone #: _____
SHEET METAL	Print Name: _____	Signature: _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name: _____	Signature: _____ Phone #: _____
SOLAR	Print Name: _____	Signature: _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING ✓ <u>A 94</u>	Print Name <u>Caleb Laughlin</u> License #: <u>CCC13277188</u>	Signature <u>[Signature]</u> Phone #: <u>386-752-4022</u> DocuSigned by: <u>C05DA2D822A9401</u>
SHEET METAL	Print Name <u>Caleb Laughlin</u> License #: <u>CCC1327718</u>	Signature <u>[Signature]</u> Phone #: <u>386-752-4022</u> DocuSigned by: <u>C05DA2D822A9401</u>
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
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PLASTER			
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SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER **1602-64 - Gilchrist** CONTRACTOR **Premier Building, LLC** PHONE **386-965-0985**

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
✓ PLUMBING/ GAS 715	Print Name Cody barrs License #: Cfc1427145	Signature  DC238A864FD04F0 Phone #: 386 623 0509
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

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CONCRETE FINISHER			
FRAMING			
INSULATION			
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PLASTER			
CABINET INSTALLER			
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MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	CBC-1258773	Premier Building, LLC	
CONCRETE FINISHER	CBC-1258773	Premier Building, LLC	
FRAMING	CBC-1258773	Premier Building, LLC	
INSULATION	CBC-1258773	Premier Building, LLC	
STUCCO	CBC-1258773	Premier Building, LLC	
DRYWALL	CBC-1258773	Premier Building, LLC	
PLASTER	CBC-1258773	Premier Building, LLC	
CABINET INSTALLER	CBC-1258773	Premier Building, LLC	
PAINTING	CBC-1258773	Premier Building, LLC	
ACOUSTICAL CEILING	CBC-1258773	Premier Building, LLC	
GLASS	CBC-1258773	Premier Building, LLC	
CERAMIC TILE	CBC-1258773	Premier Building, LLC	
FLOOR COVERING	CBC-1258773	Premier Building, LLC	
ALUM/VINYL SIDING	CBC-1258773	Premier Building, LLC	
GARAGE DOOR	CBC-1258773	Premier Building, LLC	
METAL BLDG ERECTOR	CBC-1258773	Premier Building, LLC	

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Continued: Premier Building, LLC, 10/26/10



CBC-1258773

Transmittal – Permit Application

Date: 02/24/16

To: Columbia County Building Dept

Subject: Permit Application Package

Job Name: Gilchrist River House

We are submitting our Permit Application and Plans for our new project, the Gilchrist River House on the Ichetucknee River outside of Ft. White.

Set back variance – there is already a recorded setback variance by Variance Application #0294, April 1st, 2014 by the Board of County Commissioners.

The Septic was installed prior to this, under Septic Permit #12-SC-1519124, and a copy of the permit is included in the package.

There are no other existing dwellings on the property, but there is a board walk with a screened porch at the end. This was all permitted under DEP Environmental Resource Permit #12-326885-001 EI.

We verified with the SRWMD that this lot is outside of the Santa Fe flood way. We did have a DEP compliance officer visit the site to confirm there was no change to the wetlands boundaries from the DEP permit site drawings, and that the new residence and structure is in the Upland area, well outside of the wetland boundaries.

We have attached the DEP's compliance officer's confirming email for this.

Premier Building, LLC
496 SW Ring Ct. Suite A-9, Lake City, FL 32025
Phone: (386) 628-0823
Email: Isaac@PremierBuildingFL.com

Sincerely,
Rich Nickelson
Assistant Project Manager

Isaac Nickelson
Owner/President
Premier Building

Premier Building, LLC
496 SW Ring Ct. Suite A-9, Lake City, FL 32025
Phone: (386) 628-0823
Email: Isaac@PremierBuildingFL.com

UPLAND DETERMINATION = 302 SW Riverside Ave., Fort White, FL.
32038 (Columbia Co. Parcel ID 00-00-000-00533-009)

Oliverio, Carmine <Carmine.Oliverio@dep.state.fl.us>

Thu 2/11/2016 7:24 AM

To:Rich Nickelson <rich@premierbuildingfl.com>;

Cc:Isaac Nickelson <isaac@premierbuildingfl.com>;

2/10/16 Upland Determination

Residential Property:

302 SW Riverside Ave., Fort White, FL. 32038 (Columbia Co. Parcel ID 00-00-000-00533-009)

Present:

Carmine Oliverio, DEP
Richard Nickelson, Premier Building, LLC
Isaac Nickelson, Premier Building, LLC

RESULTS:

- **Proposed residential structure @ 302 SW Riverside Ave. in uplands - determined no jurisdictional wetland impacts based on site location. All four corners staked and most water-ward stake coordinates recorded (N29deg 57' 00.2" / W82deg 47' 12.8") and photographed.**
- **BMPs were also discussed (silt fencing, staging of construction materials, etc) to ensure no secondary wetland impacts during the construction process**

Call if any questions,

Carmine Oliverio

ES III - Compliance Assurance
Northeast District - <http://www.dep.state.fl.us/northeast/>
Florida Department of Environmental Protection
carmine.oliverio@dep.state.fl.us
Cell (386) 590-9089

From: Rich Nickelson <rich@premierbuildingfl.com>
Sent: Wednesday, February 10, 2016 9:57 AM

NOTICE OF COMMENCEMENT

Inst:201612003442 Date:2/26/2016 Time:3:54 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1310 P:1221

County Clerk's Office Stamp or Seal

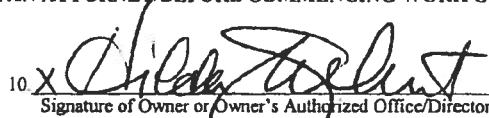
Tax Parcel Identification Number 00533-009

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): PARCEL #00-00-00-00533-009 - LOT 9, THREE RIVERS ESTATE, SECTION 1, COLUMBIA COUNTY, FL
a) Street (job) Address: 302 SW Riverside Ave., Ft. White, FL 32038
2. General description of improvements: 1 Bedroom, 2 Bath River House Elevated on Steel Posts and Frame
3. Owner Information
a) Name and address: David and Hilda Gilchrist 302 SW Riverside Ave., Ft. White, FL 32038
b) Name and address of fee simple titleholder (if other than owner)
c) Interest in property Fee Simple
4. Contractor Information
a) Name and address: Isaac Nickelson - Premier Building, LLC Premier Building, LLC, 496 SW Ring Ct., Ste A-9, Lake City, FL 32025
b) Telephone No. 386-628-0823 Fax No. (Opt.) 866-270-2240
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 owner upon whom notices or other documents may be served:
a) Name and address:
b) Telephone No.: Fax No. (Opt.)
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: Premier Building, LLC, 496 SW Ring Ct., Ste A-9, Lake City, FL 32025
b) Telephone No.: 386-628-0823 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):

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

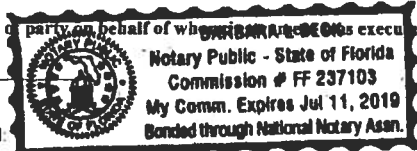
10. 
Signature of Owner or Owner's Authorized Office/Manager/Partner/Manager
HILDA GILCHRIST
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 17th day of February, 2016, by _____ as _____ (type of authority, e.g. officer, trustee, attorney

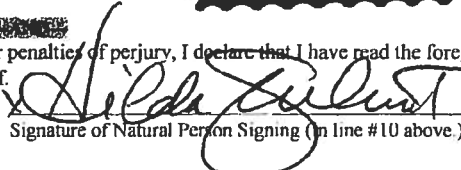
fact) for _____ (name of party on behalf of whom instrument is executed).

Personally Known OR Produced Identification Type Dr. Lina

Notary Signature  Notary Stamp or Seal:



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.)

To: Oliverio, Carmine

Subject: Instructions from Columbia County

Carmine,

Thanks for meeting us this morning at the site and we appreciate your help.

Lori at the CC Building Dept wanted us to receive your email verification, or letter, and then just turn it in with the Permit Application, since they have not opened a file on the project yet.

Will that work for you. Later, if they have more questions or need anything else, we should have a good contact for the actual plan examiner that will be working the project.

Sincerely,

Richard Nickelson

Assistant Project Manager

Controller/Director of Business Systems Development

Rich@PremierBuildingFL.com

Cell: 386-984-6169

www.PremierBuildingFL.com

Premier Building, LLC

496 SW Ring Ct Suite A-9

Lake City, FL 32025

[Dep Customer Survey](#)

RECORDED IN OFFICIAL RECORDS
INSTRUMENT # 2816443 2 PG(S)
September 13, 2013 04:34:23 PM
Book 4227 Page 1687
J. K. IRBY Clerk of Circuit Court
ALACHUA COUNTY, Florida

Prepared by and return to:
Philip A. DeLaney
Attorney at Law
Scruggs & Carmichael, P.A.
4041 N.W. 37th Place, Suite B
Gainesville, FL 32606
PAD: 13-1634

Doc Stamp-Deed: \$365.00



Inst:201312014229 Date:9/18/2013 Time:10:53 AM
Doc Stamp-Deed:0.00
P DC, P. DeWitt Cason, Columbia County Page 1 of 2 B-1261 P-1521

Sales price - \$85,000.00
Recording Fee - \$18.50

[Space Above This Line For Recording Data]

Warranty Deed

This Warranty Deed made this 12th day of September, 2013 between

Joseph L. Martin, III and Rosie I. Martin, husband and wife,
whose post office address(es) is(are): 888 S.W. 22nd St., Boca Raton, FL 33486, grantor, and

David D. Gilchrist and Hilda M. Gilchrist, husband and wife,
whose post office address(es) is(are): 2235 Treacott Dr., Tallahassee, FL 32308, grantees:
(Whenever used herein the terms "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, trusts and trustees)

WITNESSETH, that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County Florida to-wit:

Lot 9 of THREE RIVERS ESTATES SECTION NO. 1, according to the Plat thereof as recorded in Plat Book 3, Page(s) 53, of the Public Records of Columbia County, Florida.

Parcel Identification Number: 00-00-00-00533-009

Subject to taxes for 2013 and subsequent years; covenants, conditions, restrictions, easements, reservations and limitations of record, if any.

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, 2012.

Remainder Of This Page Intentionally Left Blank

Warranty Deed

Page 2

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

[Signature]
Witness Name: Louredes Loreti

[Signature]
Witness Name: Susan Silva

[Signature]
Joseph L. Martin, III

[Signature]
Rosie I. Martin

State of Florida
County of Palm Beach

The foregoing instrument was acknowledged before me this 11 day of September, 2013 by Joseph L. Martin, III and Rosie I. Martin, who ☐ are personally known or ☒ have produced a driver's license as identification.

[Notary Seal]



[Signature]
Notary Public

Printed Name: Louredes Loreti

My Commission Expires: September 29, 2016

First American Title Insurance Company

OWNER'S POLICY Schedule A

Policy No.:
5011412-143760

Date of Policy:
September 13, 2013 @ 04:34 PM

Agent's File Reference:
13-1634

Amount of Insurance: \$85,000.00

Premium: \$488.75

Address Reference: Lot 9 Riverside Ave., Fort White, FL 32038

1. Name of Insured: David D. Gilchrist and Hilda M. Gilchrist
2. The estate or interest in the Land that is insured by this policy is: Fee Simple as shown by instrument recorded as Document No. 2816443 in Official Records Book 4227, Page 1687, of the Public Records of Columbia County, Florida.
3. Title is vested in: David D. Gilchrist and Hilda M. Gilchrist
4. The Land referred to in this policy is described as follows:

Lot 9 of THREE RIVERS ESTATES SECTION NO. 1, according to the Plat thereof as recorded in Plat Book 3, Page(s) 53, of the Public Records of Columbia County, Florida.


First American Title Insurance Company

2632 N.W. 43rd St., Bldg. C, Gainesville, Florida 32606

Agent No.: FL 408-1468 A

Issuing Agent:

Scruggs & Carmichael, P.A.
4041 N.W. 37th Place, Suite B
Gainesville, FL 32606


Agent's Signature
Philip A. DeLaney
Attorney at Law

First American Title Insurance Company

OWNER'S POLICY Schedule B

Policy No.:
5011412-143760

Agent's File Reference:
13-1634

This policy does not insure against loss or damage, and First American Title Insurance Company will not pay costs, attorneys' fees, or expenses that arise by reason of:

1. General or special taxes and assessments required to be paid in the year 2013 and subsequent years.
2. Rights or claims of parties in possession not recorded in the Public Records.
3. Any encroachment, encumbrance, violation, variation, or adverse circumstance that would be disclosed by an inspection or an accurate and complete land survey of the Land and inspection of the Land.
4. Easements, or claims of easements, not recorded in the Public Records.
5. Any lien, or right to a lien, for services, labor, or material furnished, imposed by law and not recorded in the Public Records.
6. Any adverse ownership claim by the State of Florida by right of sovereignty to any portion of the Land(s) insured hereunder, including submerged, filled and artificially exposed lands, and lands accreted to such lands.
7. Declaration of Covenants, Conditions, Restrictions and Easements, recorded in Book 129, Page 90, revised in Book 733, Page 144, but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status or national origin to the extent such covenants, conditions or restrictions violate 42 USC 3604(c).
8. Matters appearing on the plat recorded in Plat Book 3, Page(s) 53, including, but not limited to, any building setback lines and/or easements lying within the lot(s) described in Schedule "A".
9. This Policy does not insure title to any part of the land lying below the ordinary high water mark of any abutting body of water.
10. Riparian and/or littoral rights are not insured.
11. Any adverse ownership claim by the State of Florida by right of sovereignty to any part of the Land that is, as of the Date of Policy or was at any time previously, under water (submerged).
12. NOTE: All of the recording information contained herein refers to the Public Records of Levy County, Florida, unless otherwise indicated. Any reference herein to a Book and Page is a reference to the Official Record Books of said county, unless indicated to the contrary.
13. Any rights, easements, interests or claims which may exist by reason of, or reflected by, the facts as demonstrated on the survey dated September 12, 2013, prepared by Britt Surveying & Mapping, LLC, including but not limited to:
 1. Encroachment of a dirt driveway onto the Northerasterly corner of the Insured Property.
 2. N.B. - Insured Property certified as being within a flood prone zone.
14. Items 2, 3, 4 and 5 above are hereby deleted.



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION PERMIT

PERMIT #: 12-SC-1519124
APPLICATION #: AP1134523
DATE PAID: 214/114
FEE PAID: 425.00
RECEIPT #: 2346504
DOCUMENT #: PR933349

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: HILGA*14-0038 GILCHRIST

PROPERTY ADDRESS: RIVERSIDE Dr Fort White, FL 32038

LOT: 9 BLOCK: SUBDIVISION: 3 Rivers Estates

PROPERTY ID #: 00533-009 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [1,050] GALLONS / GPD Existing Septic Tank CAPACITY
A [] GALLONS / GPD N/A CAPACITY
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [300] GALLONS DOSING TANK CAPACITY [50.00] GALLONS [6] DOSES PER 24 HRS #Pumps [1]

D [375] SQUARE FEET Drainfield SYSTEM
R [] SQUARE FEET N/A SYSTEM
A TYPE SYSTEM: [x] STANDARD [] FILLED [] MOUND []
I CONFIGURATION: [x] TRENCH [] BED []

F LOCATION OF BENCHMARK: Survey benchmark, spike set in 36" Water Oak, 25.71 NAVD

I ELEVATION OF PROPOSED SYSTEM SITE [50.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [20.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

D FILL REQUIRED: [0.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

- 1.) The system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom). for a total estimated flow of 300 gpd.
2.) Permit expired. System matches requirements for elevation to the 10-yr flood zone with the drainfield installed no greater than 27.20' NAVD.
3.) Do not disturb existing drainfield. Area installed exceeds code requirements.

SPECIFICATIONS BY: Jeremy K Clifford TITLE: Environmental Specialist I

APPROVED BY: Jeremy K Clifford TITLE: Environmental Specialist I Columbia CHD

DATE ISSUED: 03/18/2014 EXPIRATION DATE: 09/18/2015

DK 4016, 08/09 (Obsoletes all previous editions which may not be used)

Incorporated: 64E-5.003, FAC



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 14-1038
DATE PAID: 5/16/14
FEE PAID: 435.00
RECEIPT #: 1734533

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Hilga GilchristAGENT: Howard Septic Tank Service Inc TELEPHONE: 386-935-1518MAILING ADDRESS: PO Box 180 Branford, FL 32008

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(a) OR 489.552, FLORIDA STATUTES.

PROPERTY INFORMATION

LOT: 9 Section 1 BLOCK: 1 SUBDIVISION: Three River Estates PLATTED: 19/12

PROPERTY ID #: 33-65-15-00533-009 ZONING: B I/M OR EQUIVALENT: ☐ Y ☒ N

PROPERTY SIZE: 1.034 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤ 2000 GPD ☐ > 2000 GPD

IS SEWER AVAILABLE AS PER 381.0065, FSP ☐ Y ☒ N DISTANCE TO SEWER: NA FT

PROPERTY ADDRESS: Riverside Dr. Ft White FL.DIRECTIONS TO PROPERTY: Attached

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>House</u>	<u>3</u>	<u>17100</u>	
2				
3				
4				

☐ Floor/Equipment Drains ☐ Other (Specify) _____

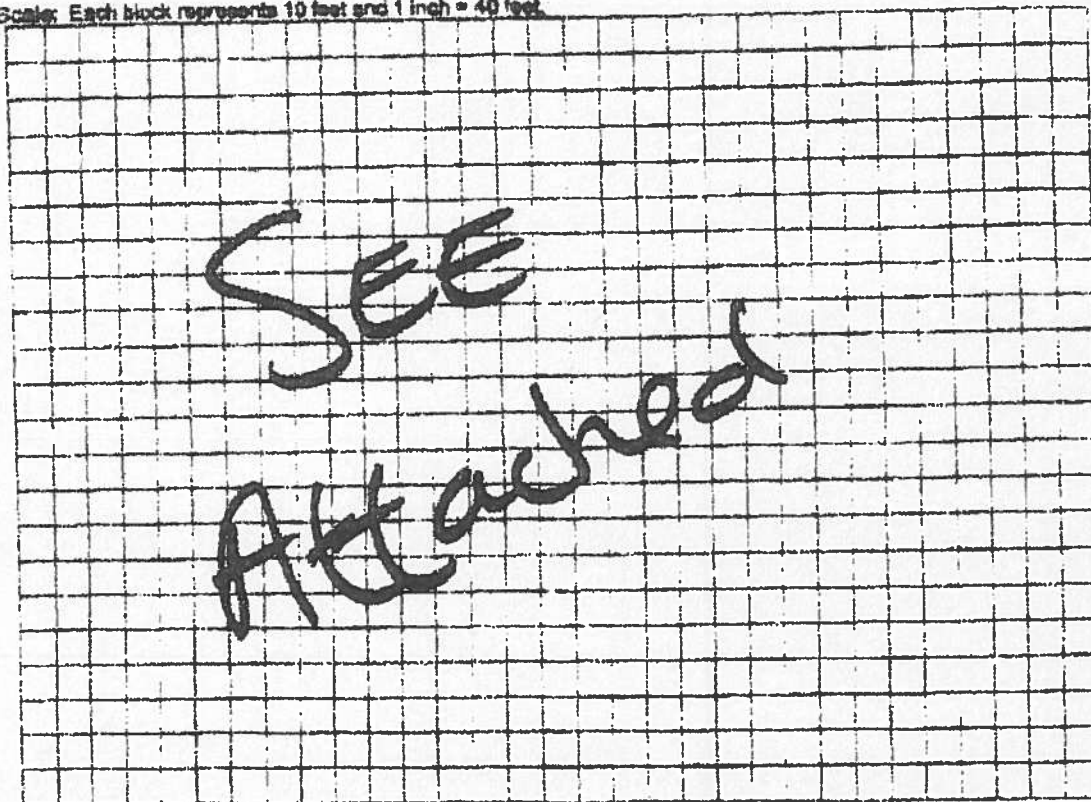
SIGNATURE: Telton C. McManisDATE: 2/3/14

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 14-0038-N

----- PART II - SITEPLAN -----

Scale: Each block represents 10 feet and 1 inch = 40 feet.



Notes: _____

Site Plan submitted by Alberto Alvarado

Plan Approved [Signature]

By [Signature]

Not Approved _____

Columbia CHD

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

SF

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

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

Addressing Maintenance

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

DATE REQUESTED: 8/18/2014 DATE ISSUED: 8/21/2014

ENHANCED 9-1-1 ADDRESS:

302 SW RIVERSIDE AVE

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

00-00-00-00533-009

Remarks:

ADDRESS FOR PROPOSED STRUCTURE ON PARCEL.

Address Issued By: SIGNED: / RONAL N. CROFT
Columbia County 9-1-1 Addressing / GIS Department

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



CBC-1258773

Transmittal – Driving Directions

Date: 02/24/16

To: Columbia County Building Dept

Subject: Driving Directions

Job Name: Gilchrist River House

Construction Site address:

201 SW Riverside Ave.
Ft. White, FL 32038

Driving Directions:

1. From Lake City, go southwest on State Hwy 47 to Ft. White.
2. In Ft. White, turn right (to the East) on State Hwy 27.
3. Continue approximately 2 miles East on Hwy 27, and turn left onto SW Riverside Ave, before you cross over the Ichetucknee.
4. The construction site, 302 SW Riverside Ave., is the third lot on the right.

Sincerely,
Rich Nickelson
Assistant Project Manager

Isaac Nickelson
Owner/President
Premier Building

Premier Building, LLC
496 SW Ring Ct. Suite A-9, Lake City, FL 32025
Phone: (386) 628-0823
Email: Isaac@PremierBuildingFL.com



STATE OF FLORIDA WELL COMPLETION REPORT

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

☐ Southwest
☐ Northwest
☐ St. Johns River
☐ South Florida
☒ Suwannee River
☐ DEP
☐ Delegated Authority (If Applicable)

Date Stamp

Confirmation#
6926

Date: 03/27/2014

Official Use Only

1. Permit Number <u>202407</u>		CUP/WUP Number _____		DID Number <u>117421</u>		62-524 Delineation No. _____	
2. Number of permitted wells constructed, repaired, or abandoned <u>1</u>		Number of permitted wells not constructed, repaired, or abandoned <u>0</u>					
3. Owner's Name <u>Hilda Gilchrist</u>		4. Completion Date <u>01/21/2013</u>		5. Florida Unique ID _____			
6. <u>FORT WHITE, FL - 32038</u>							
Well Location - Address, Road Name or Number, City, ZIP							
7. County _____		Section <u>23</u>		Land Grant _____		Township <u>6S</u> Range <u>15E</u>	
8. Latitude <u>295659.7228</u>		Longitude <u>824710.95</u>					
9. Data Obtained From: _____ GPS <input checked="" type="checkbox"/> Map _____ Survey _____ Datum: _____ NAD 27 _____ NAD 83 _____ WGS 84							
10. Type of Work: <input checked="" type="checkbox"/> Construction _____ Repair _____ Modification _____ Abandonment							
11. Specify Intended Use(s) of Well(s):							
<input checked="" type="checkbox"/> Domestic _____ Landscape Irrigation _____ Agricultural Irrigation _____ Site Investigation _____							
_____ Bottled Water Supply _____ Recreation Area Irrigation _____ Livestock _____ Monitoring _____							
_____ Public Water Supply (Limited Use/DOH) _____ Nursery Irrigation _____ Test _____							
_____ Public Water Supply (Community or Non-Community/DEP) _____ Commercial/Industrial _____ Earth-Coupled Geothermal _____							
_____ Class I Injection _____ Golf Course Irrigation _____ HVAC Supply _____							
_____ HVAC Return _____							
Class V Injection: _____ Recharge _____ Commercial/Industrial Disposal _____ Aquifer Storage and Recovery _____ Drainage							
Remediation: _____ Recovery _____ Air Sparge _____ Other (Describe) _____							
_____ Other (Describe) _____							
12. Drill Method: _____ Auger _____ Cable Tool _____ Rotary <input checked="" type="checkbox"/> Combination (Two or More Methods) _____ Jetted _____ Sonic _____							
_____ Horizontal Drilling _____ Hydraulic Point (Direct Push) _____ Other _____							
13. Measured Static Water Level <u>13</u> ft. Measured Pumping Water Level <u>8</u> ft. After <u>1</u> Hours at <u>20</u> GPM							
14. Measuring Point (Describe) _____ Which is _____ ft. Above _____ Below Land Surface Flowing: _____ Yes <input checked="" type="checkbox"/> No							
15. Casing Material: <input checked="" type="checkbox"/> Black Steel _____ Galvanized _____ PVC _____ Stainless Steel _____ Not Cased _____ Other _____							
16. Total Well Depth <u>68</u> ft. Cased Depth <u>62</u> ft. Open Hole: From <u>62</u> To <u>68</u> ft. Screen: From _____ To _____ ft. Slot Size _____							
17. Abandonment: _____ Other(Explain) _____							
From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
18. Surface Casing Diameter and Depth:							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
19. Primary Casing Diameter and Depth:							
Dia <u>4</u> in. From <u>0</u> ft. To <u>62</u> ft. No. of Bags <u>1</u> Seal Material (Check One): _____ Neat Cement _____ Bentonite <input checked="" type="checkbox"/> Other Cement _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
20. Liner Casing Diameter and Depth:							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
21. Telescope Casing Diameter and Depth:							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____							
22. Pump Type (If known):							
_____ Centrifugal _____ Jet <input checked="" type="checkbox"/> Submersible _____ Turbine _____							
Horsepower <u>1</u> Pump Capacity (GPM) <u>20</u>							
Pump Depth <u>41</u> ft. Intake Depth <u>42</u> ft.							
23. Chemical Analysis (When Required):							
Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm							
_____ Laboratory Test _____ Field Test Kit							
24. Water Well Contractor:							
Contractor Name <u>Donald Gaylord</u> License Number <u>2630</u> E-mail Address <u>gaylordpump@windstream.net</u>							
Contractor's Signature <u>Donald Gaylord</u> Driller's Name (Print or Type) <u>Donald Gaylord</u>							
(I certify that the information provided in this report is accurate and true.)							

WWW.SWFWMD.STATE.FL.US

WWW.SJRWMD.COM

WWW.NWFWMD.STATE.FL.US

*Permit No. 202407

WWW.SFWMD.GOV

WWW.MYSUWANNEERIVER.COM

[illegible]

Comments:

Well 80' from septic tank.

'Detailed Site Map of Well Location

LIMITED GEOTECHNICAL EXPLORATION
New Gilchrist Residence – Parcel ID 00-00-00-00533-009
Three Rivers Estate Subdivision, Fort White, Columbia County, Florida
CTI Project No. 14-00109-01

--- Prepared for ---
GRC Architects
Mr. David Gilchrist, AIA
413 All Saints Street
Tallahassee, Florida 32301

--- Prepared by ---
Cal-Tech Testing, Inc.
P. O. Box 1625
Lake City, Florida 32056-1625

March 28, 2014



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

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March 28, 2014

GRC Architects

413 All Saints Street
Tallahassee, Florida 32301

Attention: Mr. David Gilchrist, AIA

Subject: Report of Limited Geotechnical Exploration
New Gilchrist Residence – Parcel ID 00-00-00-00533-009
Three Rivers Estate, Fort White, Columbia County, Florida
CTI project No. 14-00109-01

Dear Mr. Gilchrist:

Cal-Tech Testing, Inc. (CTI) has completed the limited geotechnical exploration for the new Gilchrist Residence. This report briefly outlines our understanding of the planned construction, describes the field exploration, presents the collected data, and provides our geotechnical engineering recommendations. This exploration was performed in general accordance with our proposal dated March 19, 2014. Approval to this proposal and authorization to proceed was provided on March 19, 2014.

Introduction

The purpose of this exploration was to develop information concerning the site and subsurface soil/rock conditions, and provide site preparation requirements and foundation support recommendations for the proposed new residence. The subject property is designated as Lot 009 of the Three Rivers Estate subdivision located on the west side of SW Riverside Avenue approximately 1,200 feet south of US Highway 27 in Fort White, Columbia County, Florida. We have been provided with a Site Plan prepared by Britt Surveying & Mapping, Inc. dated January 20, 2014; and undated conceptual building layouts and elevations (unknown author).

Based on furnished drawings and our telephone conversation, we understand the proposed residence will have a footprint of about 2,250 SF constructed of wood-frame and supported on 12-foot high steel columns "stilts". The total height of the structure will be 30 feet above the ground surface to include a main floor and a loft. Detailed structural information has not been provided; however, we assume that individual column loads will not exceed 50 kips each.

Field Program

Our field program consisted of performing two (2) Standard Penetration Test (SPT) borings within the proposed building area each extending 20 feet below the existing ground surface. These borings were performed at the approximate locations shown on the attached Boring Locations Map. The borings were located within the building footprint (corners were staked prior to our arrival). Global Positioning System (GPS) coordinates of the boring locations were acquired using a handheld device manufactured by Garmin (model Dakota® 10). These coordinates are listed below and should be considered only as accurate as the means and methods by which they were obtained:

SUMMARY OF FIELD EXPLORATION PROGRAM New Gilchrist Residence – Parcel ID 00-00-00-00533-009 Three Rivers Estate Subdivision, Fort White, Columbia County, Florida Cal-Tech Project No. 14-00109-01					
Boring No.	Location	Depth (feet)	Date Drilled Method	At-Completion Groundwater (feet)	Bottom Condition
B-1	29.94994° N, 82.78688° W	20	03/26/2014 SPT (manual)	3.25	Terminated (limestone)
B-2	29.94996° N, 82.78674° W	20	03/26/2014 SPT (manual)	4.5	Terminated (limestone)

Sampling and penetration procedures of the SPT borings were accomplished in general accordance with ASTM D-1586, "*Penetration Test and Split-Barrel Sampling of Soils*", using a power rotary drill rig. The standard penetration tests were performed by driving a standard 1-3/8" I.D. and 2" O.D. split spoon sampler with a 140 pound hammer falling 30 inches. The number of hammer blows required to drive the sampler a total of 18 inches, in 6 inch increments, were recorded. The penetration resistance or "N" value is the summation of the last two 6 inch increments and is illustrated on the attached boring log adjacent to their corresponding sample depths. The penetration resistance is used as an index to derive soil parameters from various empirical correlations.

The attached record of boring logs present the description of the subsurface conditions encountered at the time of our field program, and also provide the penetration resistances recorded during the drilling and sampling process. It should be noted the stratification lines and depth designations on the boring records represent the approximate boundaries between the various soils encountered, as determined in the field by our personnel. In some cases, the transition between these soils may be gradual.

Subsurface Conditions

The soil profile as disclosed by the borings initially consisted of about 3 inches of grayish brown sand with silt and organic (TOPSOIL). This surface cover is underlain by alternating layers of gray sand with silt (SP-SM), brown or grayish brown clayey sand (SC) with limestone fragments, gray to bluish gray or brown and gray mottled clay (CH) with limestone fragments, and cream to white decomposed fossiliferous limestone.

The limestone and sandy soils exhibited relative densities of very loose to very dense with standard resistance or “N” values ranging from 4 to exceeding 50 Blows Per Foot (BPF). The clay soils have “N” values ranging from 2 to 8 indicating these soils vary from very soft to firm in consistency.

Groundwater Conditions

The depth to the groundwater was measured following completion of the drilling operations. The groundwater table was encountered in the test borings at depths ranging from 3¼ to 4½ feet below the existing ground surface. It must be noted that due to the relatively short time frame of the field exploration and clayey nature of some of the site soils, the groundwater may not have had sufficient time to stabilize. Therefore, fluctuation in groundwater levels should be anticipated due to seasonal climatic conditions, construction activities, rainfall variations, surface water runoff, and other site-specific factors (such as the water level of the near by Ichetucknee River).

General Area Geology

Published information¹ regarding the geology in this area of Columbia County, Florida indicates the site is situated within the tertiary Ocala limestone (To) of the Eocene period. The Ocala limestone is approximately 270 feet thick and is nearly pure limestone and occasional dolostone. This formation is subdivided into lower and upper parts. The lower member is composed of white to cream-colored, fine to medium grained, poorly to moderately indurated, very fossiliferous limestone (grainstone and packstone). The upper member is white, poorly to well-indurated, poorly sorted, very fossiliferous limestone (grainstone, packstone, and wackstone) and may include silicified limestone (chert). In areas, the Ocala limestone exhibits extensive karstification which often has tens of feet of relief, dramatically influencing the subsurface topography. Numerous disappearing streams and springs occur within these areas.

The USGS Map Series No. 110, Sinkhole Type, Development, and Distribution in Florida dated 1985 identifies the subject site within Area I. This area consists of ground with bare or thinly covered limestone. Gradually developed solution sinkholes in this area are few, broad and shallow.

Sinkhole Potential

Sinkholes are primarily caused by an advanced state of internal soil erosion or raveling action, which under certain circumstances can lead to ground subsidences. This internal soil erosion is a very slow process by which soil particles usually migrate under the influence of a hydraulic gradient to underlying karsted and/or fractured limestone formation. There are several indicators generally associated with an advanced state of long term internal soil erosion such as noticeable surface depressions and very loose or soft soil zones just above or within the limestone rock formation.

The sinkhole Database issued by the Florida Geological Survey (last updated May 6, 2013) indicates a number of “reported” sinkhole occurrences within the site vicinity, with the nearest being about 1,500 feet northwest of the subject site (see database reference No. 37-030, Suwannee County, Florida). The test borings encountered very soft/loose soils near the top of the limestone (at ±10 feet).

Based on our review of the site geology, our knowledge of the surrounding areas and evaluation of the test borings, it is our opinion that the subject site has an elevated risk of sinkhole occurrence, if compared

¹ *Geologic Map of the State of Florida, Series MS 146, by the Florida Geological Survey (FGS), 2001, revised April 15, 2006 & Open-File Report 80, by FGS dated 2001.*

to other sites with a subsurface profile that is free of features that could be associated with sinkholes (very soft soils above or within the limestone formation, such as encountered at B-1).

Due to the nature of sinkholes and the limitations of the current detection methods, it is incorrect to assume that this exploration has detected all existing or future sinkholes. It is possible that existing sinkholes or subsurface conditions which could be associated with future sinkholes were not detected or predicted by this exploration. Also, it must be understood that this exploration was not intended to predict or preclude future sinkholes from occurring within the limits of the subject site. Other, more costly, methods are available for subsurface exploration for the purpose of sinkhole/cavity detection. These methods include, but are not limited to, Ground Penetrating Radar (GPR) scanning and Electrical Resistivity (ER) sounding, etc. To better understand the subsurface profile at the subject site, we recommend a more extensive exploration be performed utilizing these and other methods of detection.

Foundation Recommendations

The following recommendations are based upon the previously presented information along with our understanding of the scope of the project. If the location of the structure is changed, please contact us so that we can review and re-evaluate our recommendations. The discovery of any site and/or subsurface condition during construction which deviates from the data obtained during this exploration should be communicated to us for further evaluation.

Based on the data obtained during this exploration, and the anticipated structural loading and grading conditions, it is our opinion the proposed building can be supported steel columns and shallow pier system. The piers should be designed using a maximum allowable soil bearing pressure of 2,500 psf supported on new well-compacted structural fill.

Uplift Resistance

Under wind loading conditions, the proposed building will be subjected to uplift forces. To resist these uplift forces, it may be necessary to increase the footing size (thus increasing the dead weight) or lower the footing to mobilize additional soil weight above the footing. Uplift resistance from the soil may be evaluated as the weight of the soil directly above the footing, plus the shearing resistance along the vertical face of the soil prism. Alternately, the available soil uplift resistance may be calculated as the weight of the soil prism defined by the diagonal line drawn from the top of the footing to the ground surface at an angle of 30 degrees with the vertical. A moist unit weight of 110 pcf (compacted to a minimum of 95% of the modified Proctor's maximum dry density) may be used for well-compacted, suitable fill. Due to anticipated shallow groundwater, the footings/piers should be properly designed to resist uplift forces due to hydrostatic pressures.

Lateral Resistance

Lateral loads created by wind force may be resisted by the passive pressure of the soil acting against the side of the individual footings and/or the friction developed between the base of the foundation system and the underlying soils. For compacted backfill and/or in-situ material, the passive pressure may be taken as an equivalent to the pressure exerted by a fluid weighing 330 pcf for above the ground-water table and 143 pcf below water level. A coefficient of friction equal to 0.35 may be used for calculating

the frictional resistance at the base of the footings. The resistance values discussed herein are based on the assumption that the foundations can withstand horizontal movements on the order of ¼ inch.

Site Clearing/Grading

Initial site preparation should consist of relocating existing utilities that fall within the new construction area. This should be followed by the removal of all topsoil, organics, tree root systems and any other deleterious materials that falls within the construction area. The perimeter areas may need grading to help direct surface water runoff away from the planned construction area.

Foundation Size and Bearing Depth

In using net pressures, the weight of the footing and backfill over the footing need not be considered. Only loads applied at or above final grade need to be used for dimensioning footings. Wall bearing footings should be designed with a minimum width of 18 inches, while the individual column footings should have minimum dimensions of 2 feet by 2 feet. All exterior footings should bear at a depth of at least 18 inches below the exterior final grades.

Bearing Material

The foundations should bear in compacted structural fill/backfill. Sandy soils should be compacted to densities equivalent to 95 percent of the modified Proctor maximum dry density (ASTM D 1557). Compaction should not be attempted on clayey soils at the footing bearing levels (if any encountered). Rather they should be overexcavated a minimum of 12 inches using a smooth bucket/shovel, and replaced with coarse concrete aggregate or lean concrete mud mat.

Site & Fill Compaction

All exposed soils should be compacted to densities equivalent to at least 95 percent of the modified Proctor maximum dry density (ASTM D-1557). For ease of construction and compaction, we recommend that structural fill consist of a non-plastic, inorganic, granular soil containing less than 12 percent material passing the 200 mesh sieve (i.e., relatively clean sand).

Report Limitations

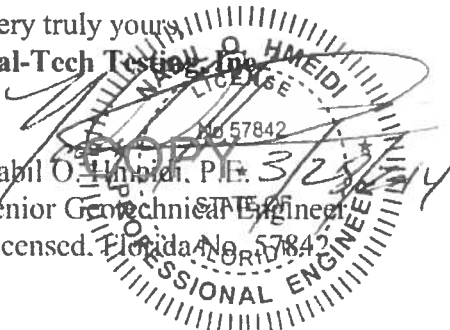
This report has been prepared for the exclusive use of Mr. David Gilchrist of Tallahassee, Florida for the specific application to the project discussed herein. Our conclusions and recommendations have been rendered using generally accepted standards of geotechnical engineering practice in the State of Florida. No other warranty is expressed or implied. CTI is not responsible for the interpretations, conclusions, opinions, or recommendations of others based on the data contained herein. The assessment of environmental conditions at the site was beyond the scope of this exploration.

Closing

We appreciate the opportunity to work with you on this project, and look forward to serving as your geotechnical and construction materials testing consultant for the remainder of this and future projects. Should you have any questions and/or comments concerning this report, please contact our office at 386-755-3633.

Very truly yours,

Cal-Tech Testing, Inc.

A circular professional engineer seal for Nabil O. Hammad, No. 57842, State of Florida. The seal is partially obscured by a handwritten signature and the text 'Cal-Tech Testing, Inc.'.

Nabil O. Hammad, P.E.

Senior Geotechnical Engineer

Licensed, Florida No. 57842

Distribution: *File (1 copy)*
 Addressee (2 copies & pdf via e-mail)

Attachments: *Vicinity Map (1 page)*
 Boring Locations Map (1 page)
 Record of SPT Borings (2 pages)

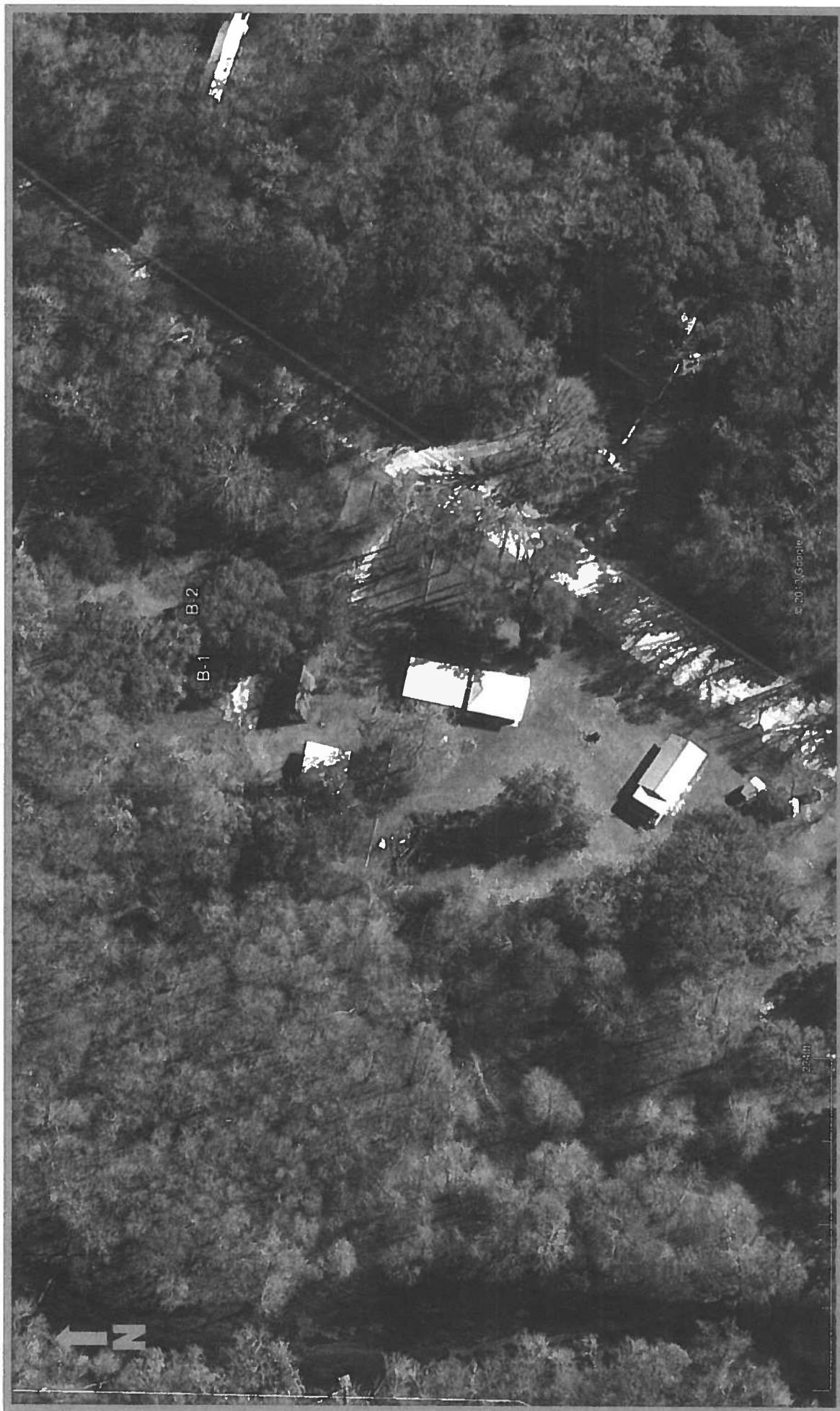
ATTACHMENTS



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Vicinity Map
New Gilchrist Residence – Parcel ID 00-00-00-00533-009
Three River Estate Subdivision
Fort White, Columbia County, Florida
Cal-Tech Testing Project No. 14-00109-01

Exhibit 1



CAL-TECH TESTING, INC.
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Boring Locations Map
New Gilchrist Residence – Parcel ID 00-00-00-00533-009
Three River Estate Subdivision
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Cal-Tech Testing Project No. 14-00109-01

Exhibit 2