

DATE 02/06/2013

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000030766

APPLICANT JASON HENDRICKS PHONE 386.496.2740
ADDRESS 15231 SW 92ND STREET LAKE BUTLER FL 32054
OWNER JORDAN & KILEY WADE PHONE 386.752.6409
ADDRESS 611 SE EBENEZER ROAD LAKE CITY FL 32025
CONTRACTOR JASON HENDRICKS PHONE 386.496.2740
LOCATION OF PROPERTY 441-S TO C-252,TL TO PRICE CREEK,TR TO EBENEZER ,TL AND IT'S
DOWN ON THE L. (611 POSTED)
TYPE DEVELOPMENT DETACHED GARAGE/UTIL ESTIMATED COST OF CONSTRUCTION 60000.00
HEATED FLOOR AREA 400.00 TOTAL AREA 1200.00 HEIGHT 16.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING A-3 MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 36-4S-17-09043-001 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 4.00

CRC1329952
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 13-033-E BLK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: ACCESSORY STRUCTURE.

Check # or Cash 3457

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing
date/app. by date/app. by date/app. by
Framing Insulation
date/app. by date/app. by
Rough-in plumbing above slab and below wood floor Electrical rough-in
date/app. by date/app. by
Heat & Air Duct Peri. beam (Lintel) Pool
date/app. by date/app. by date/app. by
Permanent power C.O. Final Culvert
date/app. by date/app. by date/app. by
Pump pole Utility Pole M/H tie downs, blocking, electricity and plumbing
date/app. by date/app. by date/app. by
Reconnection RV Re-roof
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 300.00 CERTIFICATION FEE \$ 6.00 SURCHARGE FEE \$ 6.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 387.00
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

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

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 THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Notice of Treatment

Applicator: Florida Pest Control · (www.flapest.com)

Address: 536 SE BAY

City: LAKE CITY Phone: 386 752 1703

Site Location: Subdivision

Lot #

Block #

Permit #

Address

411 SE EBERHART RD

Product used

☒ Premise

Active Ingredient

% Concentration

Imidacloprid

0.1%

☐ Termidor

Fipronil

0.12%

☐

Type treatment:

☒ Soil

Area Treated

Square feet

Linear feet

Gallons Applied

DET GARAGE

1200

140

80

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

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

Date 2-8-13

Time 1145

Print Technician's Name DAVID FULLER

N3
NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Rd.
Lake City, FL 32055
(386) 755-9021

#30766
OK
P.C.
3-12-13

3 MARCH 2013

RE:
CLIENT: HENDRICKS HOMES & ROOFING, INC.
PROJECT: JORDAN & KILEY WADE

BUILDING OFFICIAL: COLUMBIA COUNTY BUILDING DEPT.

TO WHOM IT MAY CONCERN,

IN REGARDS TO THE GARAGE DOOR HEADER BEAMS:
A TRIPLE (3) PLY 2x 12 SYP WD GIRDER WILL SUFFICE IN PLACE OF THE LAM L.V.L. BEAM
SHOWN ON SHEET S.2 OF THE PLAN SET.

IF YOU HAVE ANY FURTHER QUESTIONS, OR IF WE MAY BE OF FURTHER SERVICE, PLEASE CONTACT MY
PERSONAL REPRESENTATIVE FOR THIS PROJECT:

WILL MYERS
WILLIAM MYERS DESIGN, INC.
P.O. BOX 1615
LAKE CITY, FLORIDA 32056
PHONE: 386.387.1384
EMAIL: will@willmyers.net

THANK YOU,

SINCERELY,



NICHOLAS PAUL GEISLER, ARCHITECT AR0007005



Waits Final Drafted from Ryan Nardin

Columbia County Building Permit Application

3457

For Office Use Only Application # 1301-52 Date Received 1/29/13 By UH Permit # 30766
 Zoning Official BLK Date 1 FEB. 2013 Flood Zone X Land Use A-3 Zoning A-3
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner T.C. Date 2-4-13
 Comments Accessory Structure
☒ NOC ☒ EH ☐ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Well letter ☒ 911 Sheet ☐ Parent Parcel #
☐ Dev Permit # ☐ In Floodway ☒ Letter of Auth. from Contractor ☒ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____
☒ Sub VF Form ☒ Floor Covering ☒ Garage Door
 Road/Code _____ School _____ = TOTAL (Suspended) ☒ Ellisville Water ☐ App Fee Paid

Septic Permit No. 13-033E Fax _____

Name Authorized Person Signing Permit Jason Hendricks Phone 496-2740

Address 15231 SW 92 St Lake Butler, FL 32054

Owners Name Jordan + Kiley Wade Phone 386-752-6409

911 Address 611 SE EBENEZER RD, LAKE CITY, FL 32025

Contractors Name JASON HENDRICKS Phone 386 496 2740

Address 15231 SW 92 ST LAKE BUTLER, FL 32054

Fee Simple Owner Name & Address Same

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Nicholas Geisler 1758 NW Brown Rd Lake City, FL 32055

Mortgage Lenders Name & Address N/A

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

Property ID Number 36-45-17-09043-001 Estimated Cost of Construction \$53,798.00

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions 441 S TO 252, (L) ON 252 TO SE PRICE CREEK RD,

(R) ON PRICE CREEK TO SE EBENEZER RD, (L) ON EBENEZER

TO 611 ON (L) Number of Existing Dwellings on Property 1

Construction of DETACHED GARAGE Total Acreage 4 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 16'

Actual Distance of Structure from Property Lines - Front 350' Side 165' Side 200' Rear 20' *25' changed on site plan*

Number of Stories 1 Heated Floor Area 480 Total Floor Area 1200 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. CODE: Florida Building Code 2010 and the 2008 National Electrical Code.

*Left Jason Messer 1-28-13 on Subform.
 He spoke w/ANGIE 2.4.13 (VF-updates still pending)*

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.

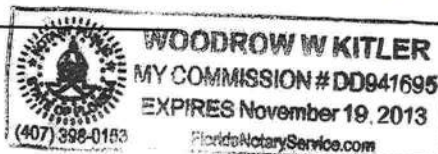

Contractor's Signature (Permitee)

Contractor's License Number CRC1329952
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 13th day of JA 2013
Personally known _____ or Produced Identification _____

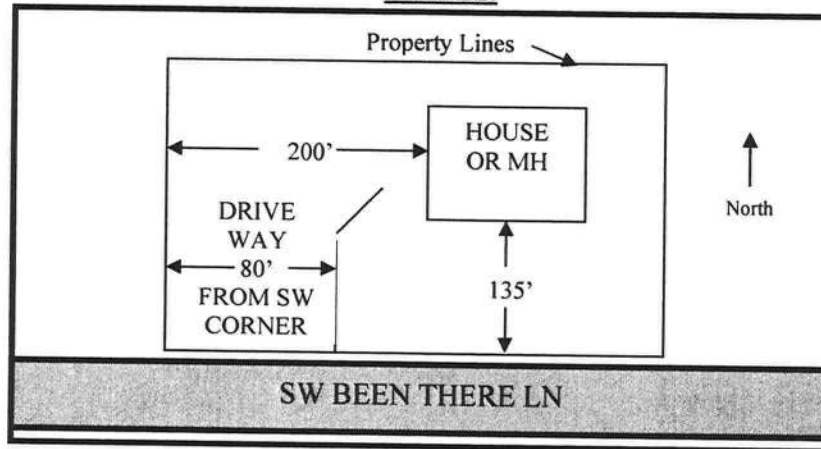
State of Florida Notary Signature (For the Contractor)

SEAL:

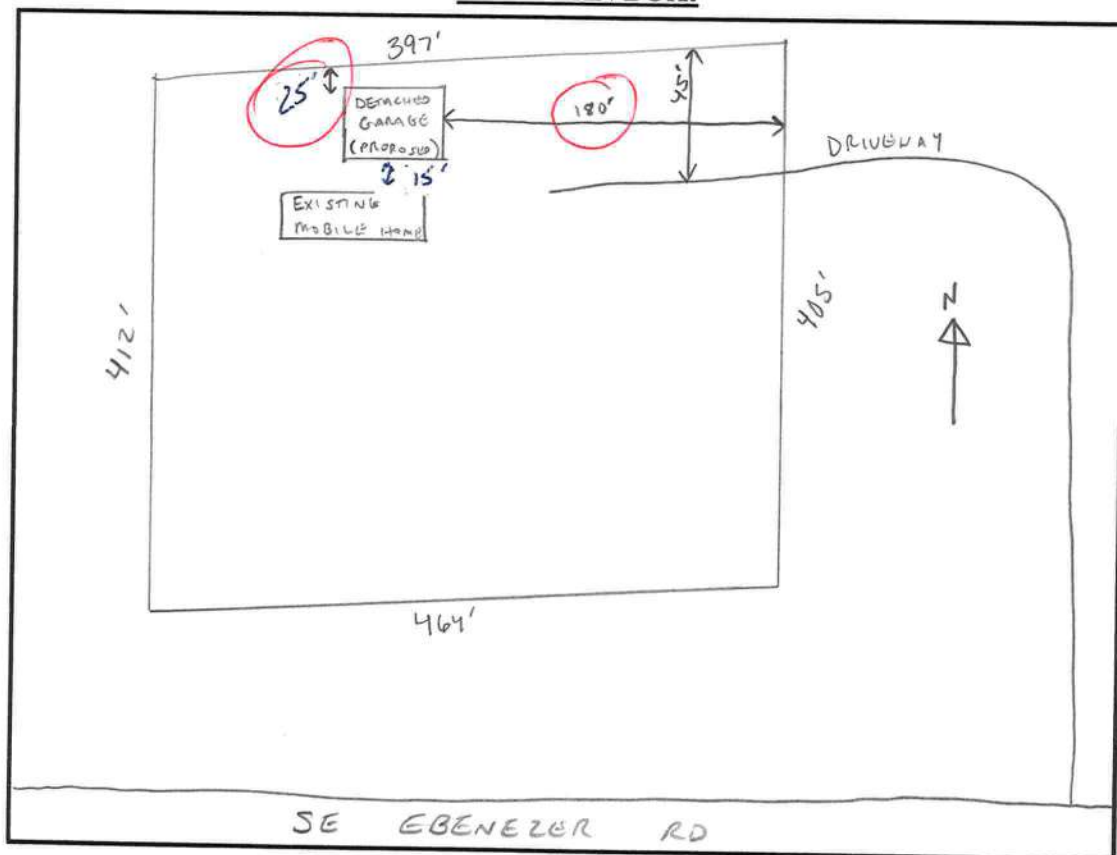


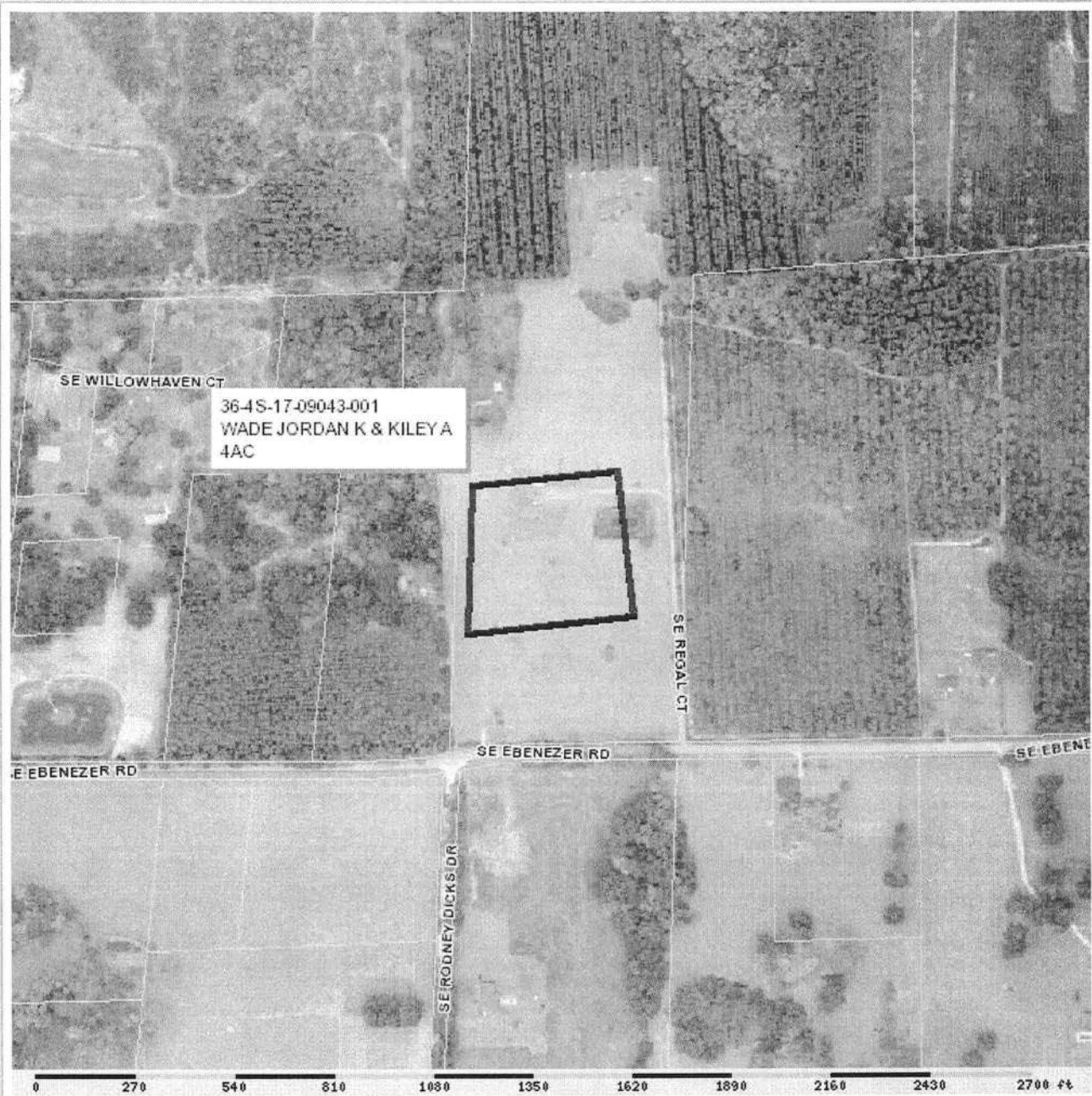
1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:





Columbia County Property Appraiser

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

PARCEL: 36-4S-17-09043-001 - MOBILE HOM (000200)

COMM AT SW COR OF SW1/4 OF NE1/4, RUN S 65.70 FT, E 40.37 FT, S 479.25 FT FOR POB, CONT S 408.52 FT, E 459.59 FT, N 404.90 FT, W 401.13 FT TO POB. WD

NOTES:

Name: WADE JORDAN K & KILEY A		2012 Certified Values	
Site:	611 SE EBENEZER RD	Land	\$19,950.00
		Bldg	\$42,040.00
Mail:	611 SE EBENEZER RD	Assd	\$61,990.00
	LAKE CITY, FL 32025		
Sales		Exmpt	\$36,990.00
Info	7/14/2006\$100.00 V / U		
		Taxbl	Cnty: \$25,000
			Other: \$25,000 Schl: \$36,990





STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 13-0033E
DATE PAID: 1/22/13
FEE PAID: 13500
RECEIPT #: 1894888

APPLICATION FOR:

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

APPLICANT: JORDAN + KILEY WADE

AGENT: JASON HENDRICKS TELEPHONE: 386 496 2740

MAILING ADDRESS: 611 SE EBENEZER ROAD, LAKE CITY, FL 32025

=====

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

=====

PROPERTY INFORMATION

LOT: _____ BLOCK: _____ SUBDIVISION: _____ PLATTED: _____

PROPERTY ID #: 36-45-17-09043-001 ZONING: Res I/M OR EQUIVALENT: ☒ Y ☐ N

PROPERTY SIZE: 4 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ <=2000GPD ☐ >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☒ Y ☐ N DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: 611 SE EBENEZER RD, LAKE CITY, FL 32025

DIRECTIONS TO PROPERTY: 441 S TO 252, (L) ON 252 TO SE PRICE CREEK RD, (R) ON PRICE CREEK TO SE EBENEZER RD, (L) ON EBENEZER TO 611. ON LEFT.

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>Home</u>	<u>3</u>	<u>1560</u>	<u>Existing</u>
2	<u>GARAGE</u>	<u>0</u>	<u>1200</u>	<u>Proposed</u>
3			<u>500</u> (54)	<u>Proposed</u>
4			<u>500</u> (54)	<u>Proposed</u>

☐ Floor/Equipment Drains ☒ Other (Specify) total

SIGNATURE: [Signature]

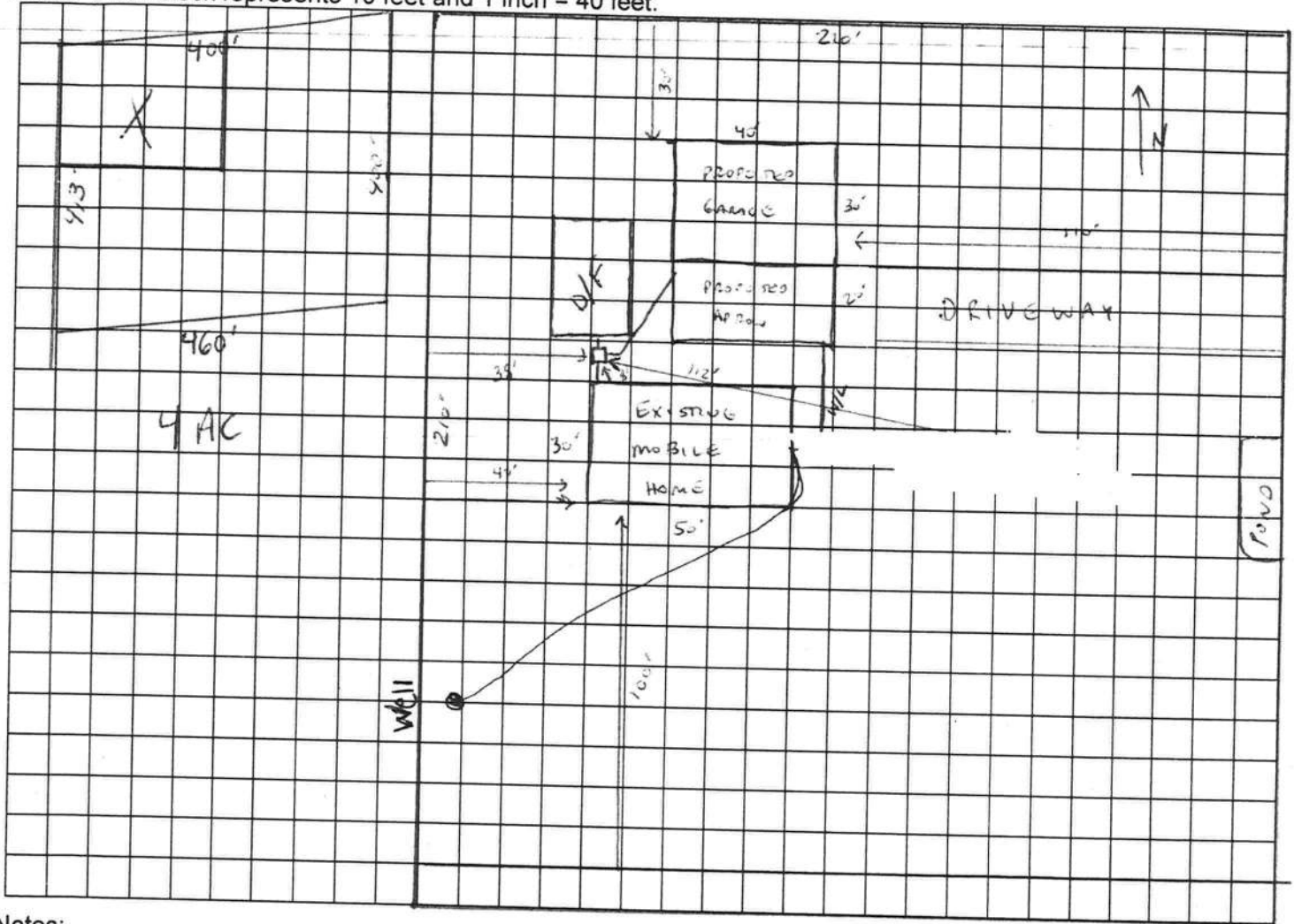
DATE: 1/8/13

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 18-0033E

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

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



Notes: _____

Site Plan submitted by: 4-H (JASUN HENDRICKS) Agent
Plan Approved ☒ Not Approved _____
By Sally Ford Env Health Director Columbia Date 1-29-13
County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

This Instrument Prepared by & return to:

Name: **KIM WATSON, an employee of
TITLE OFFICES, LLC**
Address: **1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025
File No. 06Y-06064KW**

Inst:2006017346 Date:07/21/2006 Time:15:20

Doc Stamp-Deed : 0.70

Parcel I.D. #: 09043-000

DC, P. DeWitt Cason, Columbia County B:1090 P:1108

SPACE ABOVE THIS LINE FOR PROCESSING DATA

THIS WARRANTY DEED Made the 14th day of JULY, A.D. 2006, by **REGAL J. DICKS AND SHIRLENE G. DICKS, HIS WIFE**, hereinafter called the grantor, to **JORDAN K. WADE and KILEY A. WADE, HIS WIFE**, whose post office address is 774 SE Ebenezer Rd., LAKE CITY, FL 32025 hereinafter called the grantees:

(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in **Columbia County, State of Florida**, viz:

PARCEL #1

A PART OF THE WEST 1/4 OF THE NW 1/4 OF THE SE 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SW CORNER OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 36, AND RUN S 04°01'54" W, A DISTANCE OF 65.70 FEET; THENCE N 86°22'45" E, A DISTANCE OF 40.37 FEET; THENCE S 04°01'54" W, PARALLEL WITH THE WEST LINE OF THE SE 1/4, A DISTANCE OF 479.25 FEET FOR A POINT OF BEGINNING; THENCE CONTINUE S 04°01'54" W, A DISTANCE OF 408.52 FEET; THENCE N 86°22'45" E, A DISTANCE OF 459.59 FEET; THENCE N 04°11'43" W, A DISTANCE OF 404.90 FEET; THENCE S 86°22'45" W, A DISTANCE OF 401.13 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER AND ACROSS A 40.00 FOOT EASEMENT DESCRIBED AS FOLLOWS:

COMMENCE AT THE SW CORNER OF THE SW 1/4 OF THE NE 1/4 AND RUN S 04°01'54" W, ALONG THE WEST LINE OF THE SE 1/4 OF SAID SECTION 36, A DISTANCE OF 25.34 FEET FOR A POINT OF BEGINNING FOR SAID EASEMENT; THENCE CONTINUE S 04°01'54" W, A DISTANCE OF 1279.78 FEET TO THE NORTH RIGHT-OF-WAY OF S.E. EBENEZER ROAD; THENCE N 85°50'10" E, ALONG SAID RIGHT-OF-WAY A DISTANCE OF 40.41 FEET; THENCE N 04°01'54" E, A DISTANCE OF 1239.03 FEET; THENCE N 86°22'45" E, A DISTANCE OF 422.77 FEET; THENCE N 03°37'15" W, A DISTANCE OF 40.00 FEET; THENCE S 86°22'45" W, A DISTANCE OF 457.76 FEET TO THE POINT OF BEGINNING.


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.

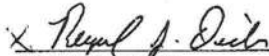
And the grantor hereby covenants with said grantees that he is lawfully seized of said land in fee simple; that he has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2006.

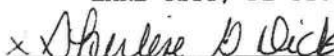
In Witness Whereof, the said grantor has signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:


Witness Signature
Brenda Styons
Printed Name

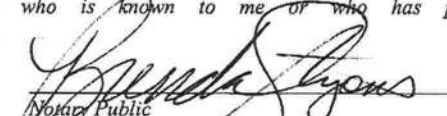

Witness Signature
Kaley Peyton
Printed Name

X  L.S.
REGAL J. DICKS
Address: 774 SE Ebenezer Rd.
LAKE CITY, FL 32025

X 
SHIRLENE G. DICKS

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 14th day of JULY, 2006, by **REGAL J. DICKS**
AND, SHIRLENE G. DICKS, HIS WIFE, who is known to me or who has produced
drivers license as identification.


Notary Public
My commission expires _____

BRENDA STYONS
NOTARY PUBLIC-STATE OF FLORIDA
COMMISSION #287986
MY COMMISSION EXPIRES FEB. 5, 2008

Inst:2006017346 Date:07/21/2006 Time:15:20
Doc Stamp-Deed : 0.70
DC,P.Dewitt Cason,Columbia County B:1090 P:1109

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1301-52 CONTRACTOR JASON HENDRICKS PHONE 386 496 2740
 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.

ELECTRICAL 76	Print Name <u>MARK MATTHEWS</u> Signature <u>[Signature]</u> License #: <u>ER-0014352</u> Phone #: <u>386 344 2029</u>
MECHANICAL/A/C 6502	Print Name <u>CLINT WILSON</u> Signature <u>[Signature]</u> License #: <u>EAC057886</u> Phone #: <u>386 754 9408</u>
PLUMBING/GAS 566	Print Name <u>MIKE GREEN</u> Signature <u>[Signature]</u> License #: <u>CFC 1426353</u> Phone #: <u>904-219-8906</u>
ROOFING 594	Print Name <u>JASON HENDRICKS</u> Signature <u>[Signature]</u> License #: <u>CCC 1328866</u> Phone #: <u>386 496 2740</u>
SHEET METAL	Print Name _____ Signature _____ License #: _____ Phone #: _____
FIRE SYSTEM/SPRINKLER	Print Name _____ Signature _____ License #: _____ Phone #: _____
SOLAR	Print Name _____ Signature _____ License #: _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	N/A		
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO	N/A		
DRYWALL			
PLASTER	N/A		
CABINET INSTALLER			
PAINTING	595	JASON HENDRICKS	[Signature]
ACOUSTICAL CEILING	N/A		
GLASS	N/A		
CERAMIC TILE	N/A		
FLOOR COVERING			
ALUM/VINYL SIDING	N/A		
GARAGE DOOR			
METAL BLDG ERECTOR	N/A		

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 1301-52 CONTRACTOR Tyson Hendricks PHONE 386 754 2740
 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.

ELECTRICAL	Print Name <u>Mark W. Smith</u> Signature <u>Mark W. Smith</u> License #: <u>EC 004352</u> Phone #: <u>386 374 2001</u>
MECHANICAL/ A/C	Print Name <u>Chris W. Smith</u> Signature <u>Chris W. Smith</u> License #: <u>EC 005786</u> Phone #: <u>386 754 9403</u>
PLUMBING/ GAS	Print Name <u>Mike Green</u> Signature <u>Mike Green</u> License #: <u>CFC 1426353</u> Phone #: <u>904 219-8906</u>
ROOFING	Print Name <u>Tyson Hendricks</u> Signature <u>Tyson Hendricks</u> License #: <u>CCC 1325866</u> Phone #: <u>386 754 2740</u>
SHEET METAL	Print Name _____ Signature _____ License #: _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ Signature _____ License #: _____ Phone #: _____
SOLAR	Print Name _____ Signature _____ License #: _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	<u>N/A</u>		
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO	<u>N/A</u>		
DRYWALL			
PLASTER	<u>N/A</u>		
CABINET INSTALLER			
PAINTING	<u>CCC 1325866</u>	<u>Tyson Hendricks</u>	<u>Tyson Hendricks</u>
ACOUSTICAL CEILING	<u>N/A</u>		
GLASS	<u>N/A</u>		
CERAMIC TILE	<u>N/A</u>		
FLOOR COVERING	<u>000722</u>	<u>Wayne Adams</u>	<u>Wayne Adams</u>
ALUM/VINYL SIDING	<u>N/A</u>		
GARAGE DOOR	<u>604 CBC1256116</u>	<u>LAMAR J. BEAR</u>	<u>Lamar J. Bear</u>
METAL BLDG ERECTOR	<u>N/A</u>		

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 work.

Ryan Hardin
546 ac

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1301-52 CONTRACTOR Jason Hendricks PHONE 386-496-2740
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.

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
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-Contractor's Printed Name	Sub-Contractor's Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
<input checked="" type="checkbox"/> FLOOR COVERING	<u>346</u>	<u>Ryan Hardin</u>	<u>(x) Ryan Hardin</u>
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

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

36-45-17-09043-001

Clerk's Office Stamp

Inst: 201312001883 Date: 2/6/2013 Time: 10:42 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1249 P: 400

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 #: 36-45-17-09043-001
a) Street (job) Address: 611 SE EBENEZER ROAD LAKE CITY, FL 32025
2. General description of improvements: GARAGE ADDITION
3. Owner Information
a) Name and address: JORDAN + KILEY WARE 611 SE EBENEZER RD, LAKE CITY, FL 32025
b) Name and address of fee simple titleholder (if other than owner):
c) Interest in property:
4. Contractor Information
a) Name and address: HENDRICKS HOMES + ROOFING 15231 SW 92 ST LAKE BUTLER, FL 32054
b) Telephone No.: 386 496 2740 Fax No. (Opt.): 386 496 0652
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: HENDRICKS HOMES + ROOFING 15231 SW 92 ST LAKE BUTLER, FL 32054
b) Telephone No.: 386 496 2740 Fax No. (Opt.): 386 496 0652
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(1)(b), Florida Statutes:
a) Name and address: HENDRICKS HOMES + ROOFING 15231 SW 92 ST LAKE BUTLER, FL 32054
b) Telephone No.: 386 496 2740 Fax No. (Opt.): 386 496 0652
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.

Jordan Wade
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

Printed Name

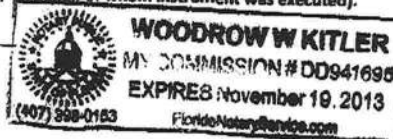
The foregoing instrument was acknowledged before me, a Florida Notary, this 14th day of JANUARY, 20 13, by:
Jordan Wade as Owner (type of authority, e.g. officer, trustee, attorney

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

Personally Known ☒ OR Produced Identification _____ Type _____

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.

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

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 0 278

Florida Certificate of Product Approval # FL1999

Page 1 of 1 Document ID:1USZ2327Z0317084107



Truss Fabricator: **Duley Truss**

Job Identification: **L0046-HENDRICKS HOMES AND ROOFING WADE RES (L0046-HENDRICKS HOMES AND ROOFING WADE RES)**

Truss Count: **2**

Model Code: **Florida Building Code 2010**

Truss Criteria: **FBC2010Res/TPI-2007(STD)**

Engineering Software: **Alpine Software, Version 10.03.**

Structural Engineer of Record: **The identity of the structural EOR did not exist as of**

Address: **the seal date per section 61615-31.003(5a) of the FAC**

Minimum Design Loads: **Roof - 37.0 PSF @ 1.25 Duration**

Floor - N/A

Wind - 140 MPH ASCE 7-10 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR2327

Walter P. Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: 14015EC1-CBLLETIN-

#	Ref	Description	Drawing#	Date
1	52602--T1		13017003	01/17/13
2	52603--T2		13017004	01/17/13

ALPINE



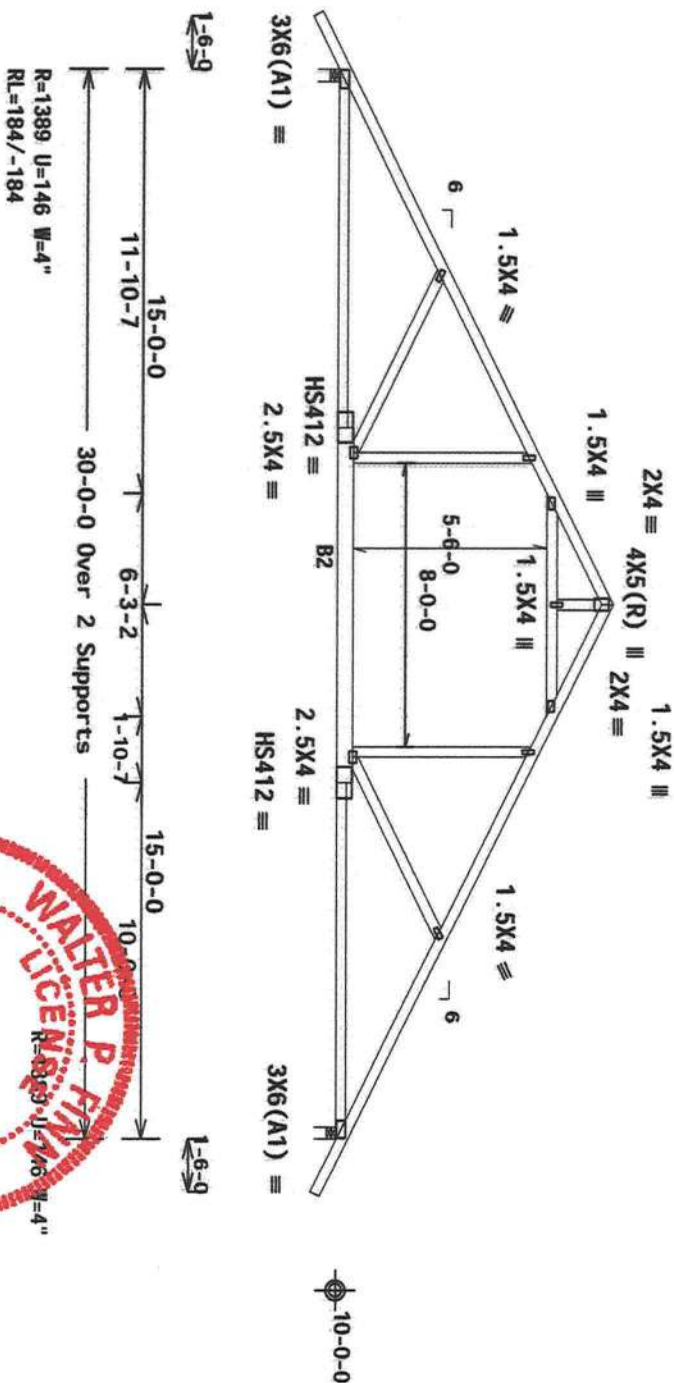
140 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf. GCPI(+/-)=0.18

Wind loads and reactions based on MMFRS with additional C&C member design.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

Basaltic loading: LL = 0.00 psc; DL = 20.00 psc; from 11-0-0 to 19-0-0.



Scale = .1875"/Ft.

Tensile requirement care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information), by TPI and BTRCA for practical rules to performing these functions. Installers shall provide temporary bracing per BCSI section 82.0, for all bracing not otherwise noted. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing per BCSI sections 83, 84 or 870, as applicable.

Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

responsibility of the design team. The ASSE/TPI 1 Sec.2, for more information see: www.asseindustry.com; www.tpi.org; www.bimcollab.org

01/17/2013

9 FL/-2/-1/-R/-	Scale = .1875"/Ft.
TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT. LD.	37.0 PSF
DUR. FAC.	1.25
SPACING	24.0"
JREF- 1USZ2327Z03	JREF- 1USZ2327Z03

p chord 2x4 SP #1 12A
t chord 2x4 SP #1 12A
Webs 2x4 SP #3 12A

member grades designated with "12A" use design values approved 5/2012 by ALSC.

ble end supports 8" max rake overhang.

lieu of rigid ceiling use purlins to brace BC @ 24" OC.

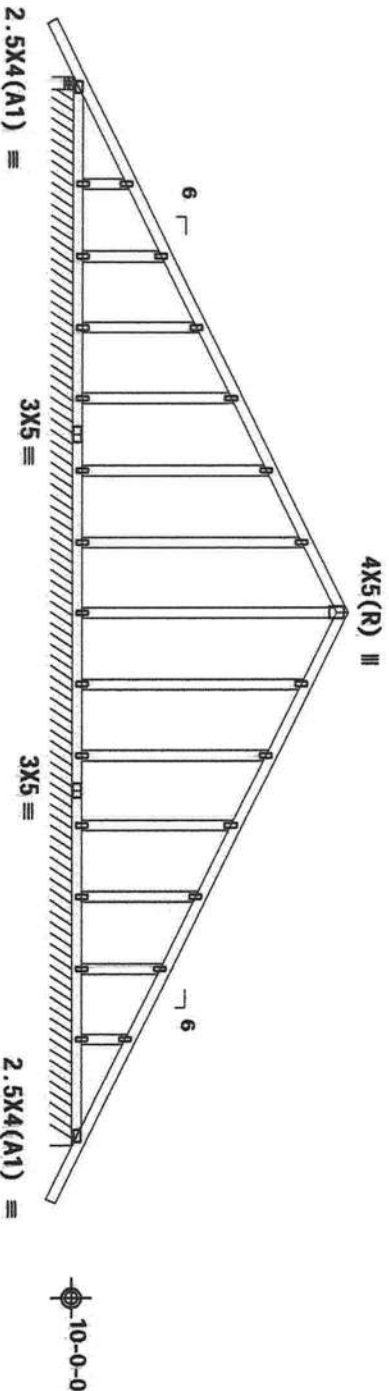
flection meets L/360 live and L/240 total load. Creep increase
ctor for dead load is 1.50.

140 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located
anywhere in roof, RISK CAT II, EXP B, wind TC DL=4.2 psf, wind BC
DL=5.0 psf. GCPI(+/-)=0.18

Wind loads and reactions based on MMFRS with additional C&C member
design.

See DWGS A14015ENC100212 & GBLETTINO212 for more requirements.

Bottom chord checked for 10.00 psf non-concurrent live load.



1-6-0

R=75 PLF U=9 PLF W=29-8-0

1-6-0

30-0-0 Over 2 Supports

R=242 U=36 W=4"
RL=184/-184

te: All Plates Are 1.5X4 Except As Shown.

T TYP. Wawe

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
POSITION THIS DESIGN TO ALL CONDITIONS INCLUDING INSTALLATIONS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The fabricator must follow the latest edition of BCSI (Building Component Safety Information) by TPI and WTC for all truss connections prior to performing these functions. Installers shall provide temporary bracing per BCSI and WTC. Trusses shall be braced and supported in accordance with the design. Trusses shall have a properly attached rigid ceiling. Trusses shall be braced and supported in accordance with the design. Trusses shall have a properly attached rigid ceiling. Trusses shall be braced and supported in accordance with the design. Trusses shall have a properly attached rigid ceiling.



ALPINE

01/17/2013

WALTER P. FINN
No. 22839
FLORIDA
PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2327- 52603
TC DL	7.0 PSF	DATE 01/17/13
BC DL	10.0 PSF	DRW HCUSR2327 13017004
BC LL	0.0 PSF	HC-ENG SSB/AP
TOT. LD.	37.0 PSF	SEQN- 588757
DUR. FAC.	1.25	FROM JRG
SPACING	24.0"	JREF- 1USZ2327Z03

Scale = .1875"/ft.

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, $Kz = 1.00$

Dr1	120 mph	wind Speed, 15	Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Dr1	120 mph	wind Speed, 15	Mean Height, Enclosed, Exposure D, Kzt = 1.00
Dr1	100 mph	wind Speed, 15	Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Bracing Group, Species and Grades:

Group A:

Spruce-Pine-Fir		Hem-Fir	
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard

Douglas Fir-Larch

#3
Stud
Standard

Southern Pine***

#3
Stud
Standard

Group B:

Hem-Fir

#1 & Btr
#1

Douglas Fir-Larch

#1
#2

Southern Pine***

#1
#2

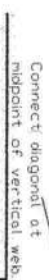
1x4 Braces shall be SGB (Stress-Rated Board) ***For 1x4 So. Pine use only. Industrial S5 or Industrial 4S Stress-Rated Boards. Group B values may be used with these grades.

Wind Load deflection criterion is $L/240$.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load), Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang

Attach L braces with 100 (0.128"x3.0" min) nails.
 * For (1) "L braces: space nails at 2' o.c.
 in 18" end zones and 4' o.c. between zones.
 * * For (2) "L braces: space nails at 3' o.c.
 in 18" end zones and 6' o.c. between zones.
 "L bracing must be a minimum of 80% of web
 member length.

Refer to the Building Designer for conditions not addressed by this detail.



WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE



TW
Illuminating Components Group, Inc.

ITV Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing on cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec2. For more information see this job's general notes page and these web sites: [ITVBCG www.itvbcg.com](http://www.itvbcg.com) [TPI www.tpi.org](http://www.tpi.org) www.steelindustry.org ICC www.iccsafe.org

01/17/2013
Jan 17 '13

MAX. TOT. LD. 60 PSF
MAX. SPACING 240"

REF	ASCE7-10-GABI4015
DATE	2/14/12
DRWG	A14015ENC100212

Residential System Sizing Calculation

Summary

Jordan & Kiley Wade
611 SE Ebenezer Rd
Lake City, FL 32025-

Project Title:
Wade - Garage_rec room

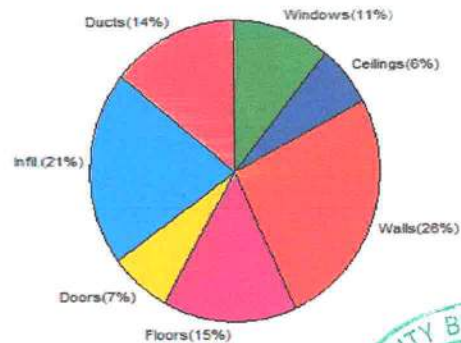
1/17/2013

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature(MJ8 99%)	33 F	Summer design temperature(MJ8 99%)	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	10081 Btuh	Total cooling load calculation	14185 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	128.5 12950	Sensible (SHR = 0.75)	83.5 9712
Heat Pump + Auxiliary(0.0kW)	128.5 12950	Latent	127.1 3237
		Total (Electric Heat Pump)	91.3 12950

WINTER CALCULATIONS

Winter Heating Load (for 500 sqft)

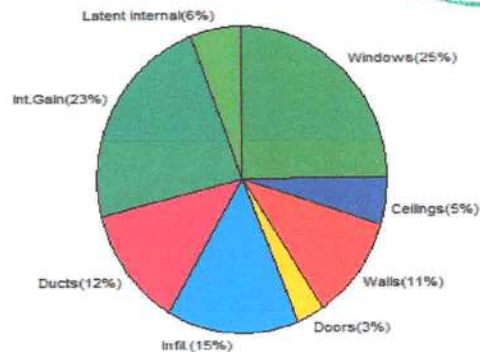
Load component		Load	
Window total	100 sqft	1110	Btuh
Wall total	793 sqft	2606	Btuh
Door total	40 sqft	681	Btuh
Ceiling total	550 sqft	648	Btuh
Floor total	500 sqft	1521	Btuh
Infiltration	51 cfm	2079	Btuh
Duct loss		1437	Btuh
Subtotal		10081	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		10081	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 500 sqft)

Load component		Load	
Window total	100 sqft	3512	Btuh
Wall total	793 sqft	1493	Btuh
Door total	40 sqft	442	Btuh
Ceiling total	550 sqft	736	Btuh
Floor total		0	Btuh
Infiltration	39 cfm	717	Btuh
Internal gain		3320	Btuh
Duct gain		1416	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Blower Load		0	Btuh
Total sensible gain		11637	Btuh
Latent gain(ducts)		341	Btuh
Latent gain(infiltration)		1407	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		800	Btuh
Total latent gain		2548	Btuh
TOTAL HEAT GAIN		14185	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY: _____

DATE: 1/17/2013

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Jordan & Kiley Wade
611 SE Ebenezer Rd
Lake City, FL 32025-

Project Title:
Wade - Garage_rec room

1/17/2013

Reference City: Gainesville, FL

Temperature Difference: 17.0F(MJ8 99%) Humidity difference: 54gr.

Component Loads for Whole House

Window	Type*						Overhang		Window Area(sqft)			HTM		Load	
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2 NFRC	0.50, 0.30	No	No	E		1.0ft.	4.5ft.	25.0	0.0	25.0	16	53	1333	Btuh
2	2 NFRC	0.50, 0.30	No	No	N		1.0ft.	4.5ft.	50.0	0.0	50.0	16	16	781	Btuh
3	2 NFRC	0.50, 0.30	No	No	W		1.5ft.	1.5ft.	25.0	0.0	25.0	16	53	1333	Btuh
	Excursion													66	Btuh
	Window Total								100 (sqft)					3512 Btuh	
Walls	Type	U-Value		R-Value		Area(sqft)		HTM		Load					
1	Frame - Wood - Ext		0.09		13.0/0.0		141.7		2.1		296	Btuh			
2	Frame - Wood - Ext		0.09		13.0/0.0		230.0		2.1		480	Btuh			
3	Frame - Wood - Ext		0.09		13.0/0.0		141.7		2.1		296	Btuh			
4	Frame - Wood - Adj		0.09		13.0/0.0		280.0		1.5		422	Btuh			
	Wall Total							793 (sqft)				1493 Btuh			
Doors	Type	Area (sqft)		HTM		Load									
1	Insulated - Exterior		20.0		12.9		258	Btuh							
2	Insulated - Garage		20.0		9.2		185	Btuh							
	Door Total							40 (sqft)				442 Btuh			
Ceilings	Type/Color/Surface		U-Value		R-Value		Area(sqft)		HTM		Load				
1	Vented Attic/Light/Shingle			0.032		30.0/0.0		550.0		1.34		736	Btuh		
	Ceiling Total							550 (sqft)				736 Btuh			
Floors	Type		R-Value		Size		HTM		Load						
1	Slab On Grade			5.0		500 (ft-perimeter)		0.0		0	Btuh				
	Floor Total							500.0 (sqft)				0 Btuh			
	Envelope Subtotal:												6184 Btuh		
Infiltration	Type		Average ACH		Volume(cuft)		Wall Ratio		CFM=		Load				
	Natural			0.46		5000		1		38.5		717	Btuh		
Internal gain	Occupants		Btuh/occupant		Appliance		Load								
	4			X		230		+		2400		3320	Btuh		
	Sensible Envelope Load:												10220 Btuh		
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)						(DGM of 0.139)						Load		
	Sensible Load All Zones												11637 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Jordan & Kiley Wade
611 SE Ebenezer Rd
Lake City, FL 32025-

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
Wade - Garage_rec room

1/17/2013

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	10220 Btuh
	Sensible Duct Load	1416 Btuh
	Total Sensible Zone Loads	11637 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	11637 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	1407 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	341 Btuh
	Latent occupant gain (4.0 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	0 Btuh
	Latent total gain	2548 Btuh
	TOTAL GAIN	14185 Btuh

EQUIPMENT

1. Central Unit	#	12950 Btuh
-----------------	---	------------

*Key: Window types (Panels - Number and type of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value)
(U - Window U-Factor)
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
- For Blinds: Assume medium color, half closed
- For Draperies: Assume medium weave, half closed
- For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)



Version 8

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Jordan & Kiley Wade
611 SE Ebenezer Rd
Lake City, FL 32025-

Project Title:
Wade - Garage_rec room
Building Type: User

1/17/2013

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 37.0 F (MJ8 99%)

Component Loads for Whole House								
Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.50	Vinyl	0.30	E	25.0		11.1	278 Btuh
2	2, NFRC 0.50	Vinyl	0.30	N	50.0		11.1	555 Btuh
3	2, NFRC 0.50	Vinyl	0.30	W	25.0		11.1	278 Btuh
	Window Total				100.0(sqft)			1110 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	142		3.28	465 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	230		3.28	755 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	142		3.28	465 Btuh
4	Frame - Wood	- Adj	(0.089)	13.0/0.0	280		3.28	920 Btuh
	Wall Total				793(sqft)			2606 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior, n		(0.460)		20		17.0	340 Btuh
2	Insulated - Garage, m		(0.460)		20		17.0	340 Btuh
	Door Total				40(sqft)			681Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Vented Attic/L/Shing		(0.032)	30.0/0.0	550		1.2	648 Btuh
	Ceiling Total				550(sqft)			648Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(0.442)	5.0	93.0 ft(perim.)		16.4	1521 Btuh
	Floor Total				500 sqft			1521 Btuh
	Envelope Subtotal:							6565 Btuh
Infiltration	Type	Wholehouse	ACH	Volume(cuft)	Wall Ratio		CFM=	
	Natural		0.62	5000	1.00		51.3	2079 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att)					(DLM of 0.166)		1437 Btuh
All Zones	Sensible Subtotal All Zones							10081 Btuh

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	10081 Btuh 0 Btuh 10081 Btuh
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Manual J Winter Calculations

Residential Load - Component Details (continued)

Jordan & Kiley Wade
611 SE Ebenezer Rd
Lake City, FL 32025-

Project Title:
Wade - Garage_rec room
Building Type: User

1/17/2013

EQUIPMENT

1. Electric Heat Pump	#	12950 Btuh
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Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)
U - (Window U-Factor)
HTM - (ManualJ Heat Transfer Multiplier)



Version 8

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 79

The lower the EnergyPerformance Index, the more efficient the home.

611 SE Ebenezer Rd, Lake City, FL, 32025-

1. New construction or existing	Addition	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=13.0	633.40 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	300.00 ft ²
4. Number of Bedrooms	0(0)	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	500	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	550.00 ft ²
a. U-Factor:	Dbl, U=0.30	b. N/A	R=	ft ²
SHGC:	SHGC=0.50	c. N/A	R=	ft ²
b. U-Factor:	N/A	11. Ducts		R ft ²
SHGC:		a. Sup: Attic, Ret: Attic, AH: RoomsInBlock1		6 125
c. U-Factor:	N/A	12. Cooling systems	kBtu/hr	Efficiency
SHGC:		a. Central Unit	11.6	SEER:18.00
d. U-Factor:	N/A	13. Heating systems	kBtu/hr	Efficiency
SHGC:		a. Electric Heat Pump	10.1	HSPF:7.70
Area Weighted Average Overhang Depth:	1.125 ft.	14. Hot water systems -		Cap: 50 gallons
Area Weighted Average SHGC:	0.500	a. Electric		EF: 0.92
8. Floor Types	Insulation	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=5.0	None		
b. N/A	R=	15. Credits		Pstat
c. N/A	R=			

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida EnergyGauge Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the EnergyGauge web site at energygauge.com for information and a list of certified Raters. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section 303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Wade - Garage_rec room
 Street: 611 SE Ebenezer Rd
 City, State, Zip: Lake City, FL, 32025-
 Owner: Jordan & Kiley Wade
 Design Location: FL, Gainesville

Builder Name: Hendricks Homes & Roofing
 Permit Office: Columbia County
 Permit Number:
 Jurisdiction:

1. New construction or existing	Addition
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms(Bedrms In Addition)	0(0)
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft²)	500
Conditioned floor area below grade (ft²)	0
7. Windows(100.0 sqft.)	Description Area
a. U-Factor:	Dbl, U=0.30 100.00 ft²
SHGC:	SHGC=0.50
b. U-Factor:	N/A ft²
SHGC:	
c. U-Factor:	N/A ft²
SHGC:	
d. U-Factor:	N/A ft²
SHGC:	
Area Weighted Average Overhang Depth:	1.125 ft.
Area Weighted Average SHGC:	0.500
8. Floor Types (500.0 sqft.)	Insulation Area
a. Slab-On-Grade Edge Insulation	R=5.0 500.00 ft²
b. N/A	R= ft²
c. N/A	R= ft²

9. Wall Types (933.4 sqft.)	Insulation Area
a. Frame - Wood, Exterior	R=13.0 633.40 ft²
b. Frame - Wood, Adjacent	R=13.0 300.00 ft²
c. N/A	R= ft²
d. N/A	R= ft²
10. Ceiling Types (550.0 sqft.)	Insulation Area
a. Under Attic (Vented)	R=30.0 550.00 ft²
b. N/A	R= ft²
c. N/A	R= ft²
11. Ducts	R ft²
a. Sup: Attic, Ret: Attic, AH: RoomsInBlock1	6 125
12. Cooling systems	kBtu/hr Efficiency
a. Central Unit	11.6 SEER:18.00
13. Heating systems	kBtu/hr Efficiency
a. Electric Heat Pump	10.1 HSPF:7.70
14. Hot water systems -	
a. Electric	Cap: 50 gallons
	EF: 0.920
b. Conservation features	
None	
15. Credits	Pstat

Glass/Floor Area: 0.200

Total Proposed Modified Loads: 9.23

Total Standard Reference Loads: 11.66

PASS

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

PREPARED BY: 

DATE: 1/17/2013

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist

PROJECT

Title:	Wade - Garage_rec room	Bedrooms:	0	Address Type:	Street Address
Building Type:	FLProp2010	Conditioned Area:	500	Lot #	
Owner:	Jordan & Kiley Wade	Total Stories:	1	Block/SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Hendricks Homes & Roofing	Rotate Angle:	0	Street:	611 SE Ebenezer Rd
Permit Office:	Columbia County	Cross Ventilation:	No	County:	Columbia
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	Lake City , FL , 32025-
Family Type:	Single-family				
New/Existing:	Addition				
Comment:					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	2.5 %	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	500	5000

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	RoomsInBlock1	500	5000	Yes	0	0	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	RoomsInBlock1	93 ft	5	500 ft²	—	0	0	1

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	559 ft²	126 ft²	Light	0.96	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	303	500 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	RoomsInBlock1	30	550 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
✓	1	E	Exterior	Frame - Wood	RoomsInBloc	13	16.66		10		166.6999		0.23	0.75	0
✓	2	N	Exterior	Frame - Wood	RoomsInBloc	13	30	0	10		300 ft²		0.23	0.75	0
✓	3	W	Exterior	Frame - Wood	RoomsInBloc	13	16.67		10		166.6999		0.23	0.75	0
✓	4	E	Garage	Frame - Wood	RoomsInBloc	13	30		10		300 ft²		0.23	0.01	0

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
✓	1	N	Insulated	RoomsInBloc	None	0.460000	3		6	8	20 ft²
✓	2	E	Insulated	RoomsInBloc	Metal	0.460000	3		6	8	20 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	E	1	Vinyl	Low-E Double	Yes	0.3	0.5	N	25 ft²	1 ft 0 in	4 ft 6 in	HERS 2006	None
✓	2	N	2	Vinyl	Low-E Double	Yes	0.3	0.5	N	50 ft²	1 ft 0 in	4 ft 6 in	HERS 2006	None
✓	3	W	3	Vinyl	Low-E Double	Yes	0.3	0.5	N	25 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
✓	1	699.9 ft²	699.9 ft²	76.67 ft	10 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	BySpaces	Best Guess	0.000500	655.75	36	67.703	0.3850	7.8690

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump	None	HSPF: 7.7	10.1 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit	None	SEER: 18	11.6 kBtu/hr	348 cfm	0.75	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	None	RoomsInBlock	10.92	50 gal	30 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS	
-------	--

✓	#	--- Supply ---			--- Return ---		Leakage Type	Air Handler CFM 25	Percent Leakage	QN	RLF	HVAC #	
		Location	R-Value	Area	Location	Area						Heat	Cool
_____	1	Attic	6	125 ft²	Attic	25 ft²	DSE=0.88	RoomsInBlo0.0 cfm	0.00 %	0.00	0.60	1	1

TEMPERATURES

[illegible]

Florida Code Compliance Checklist

Florida Department of Business and Professional Regulations
Residential Whole Building Performance Method

ADDRESS: 611 SE Ebenezer Rd
Lake City, FL, 32025-

PERMIT #:

MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed. Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces: gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	
Thermostat & controls	403.1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	
Ducts	403.2.2	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7.2 of this code.	
	403.3.3	Building framing cavities shall not be used as supply ducts.	
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	
Mechanical ventilation	403.5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	
Swimming Pools & Spas	403.9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat > 10kW must be divided into two or more stages.	
Ceilings/kneewalls	405.2.1	R-19 space permitting.	

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.

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Thermatex	STEEL Doors	FL 4242 - R1
B. SLIDING			FL 4668 - R1
C. SECTIONAL		FIBERGLASS Door	FL 15227.5
D. ROLL UP			
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	MT	VINYL	FL 12250 - R10
B. HORIZONTAL SLIDER	PLYMOUTH	VINYL	FL 14254
C. CASEMENT			
D. DOUBLE HUNG			
E. FIXED			
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	JAMES HARDIE	CEMENT BOARD	FL 889 - R1
B. SOFFITS		ALUMINUM SIDING	FL 4899
C. EIFS			
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	GAF	ARCHITECTURAL SHINGLES	FL 10124 - R8
B. UNDERLAYMENTS		FELT	FL 1814 - R1
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF SYSTEMS			
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES COATINGS			



Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
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4. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS			
B. TRUSS PLATES			
C. ENGINEERED LUMBER			
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			
B.			

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) the 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.

4-14
APPLICANT SIGNATURE

1/17/13
DATE