DATE 05/01/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027780

APPLICANT NICOL BROOKS PHONE 497-2159

ADDRESS 428 SW STALNAKER CT FT. WHITE FL 32038

OWNER NICOL BROOKS PHONE 497-2159

ADDRESS 428 SW STALNAKER CT FT. WHITE FL 32038

CONTRACTOR SAME AS APPLICANT PHONE

LOCATION OF PROPERTY 47S, TR ON SR 27, TR STALNAKER, TO END OF ROAD

TYPE DEVELOPMENT MODULAR ESTIMATED COST OF CONSTRUCTION 0.00

HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES 1

FOUNDATION WALLS ROOF PITCH FLOOR

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 24-6S-15-00513-005 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 5.01

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			Nicol Brooks

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	09-250	BK	HD	

COMMENTS: ONE FOOT ABOVE THE ROAD, EXISTING MH MUST BE REMOVED 45 DAYS OF CO ISSUANCE

Check # or Cash 1001

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

Framing date/app. by Insulation date/app. by

Rough-in plumbing above slab and below wood floor date/app. by Electrical rough-in date/app. by

Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by Pool date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by

Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 0.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 350.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 425.00

INSPECTORS OFFICE Dale Tedder CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

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.

2.

Prepared by:
Lorie Stephenson
Vision Title of Alachua County, LLC
4881 NW 8th Avenue, Suite 1
Gainesville, Florida 32605

File Number: GV07-869

Inst:200812002801 Date:2/12/2008 Time:2:20 PM
Doc Stamp-Deed:0.70
DC,P.DeWitt Cason,Columbia County Page 1 of 2

Corrective Warranty Deed

This deed is to correct that certain deed recorded in OR Book 1131 Page 2450 in the Public Records of Columbia County, Florida. The purpose is to property reflect the Grantors and to remove the life estate interest held by Grantors H.R. Stalnaker and Doris Stalnaker, husband and wife.

Made this January 10 2008 A.D., By **Bobby Gene Stalnaker and Hubert Roland Stalnaker a/k/a H. R. Stalnaker and Doris Stalnaker, husband and wife, as to their life estate interest ,** whose post office address is: 422 SW Stalnaker Court, Fort White Florida, 32038, hereinafter called the grantor, to **Katrina Nicol Brooks and Alvin Curtis Brooks, II, wife and husband,** whose post office address is: 428 SW Stalnaker Court, Fort White, Florida 32038, hereinafter called the grantee:
*a/k/a Doris Freida Stalnaker
(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

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

See Attached Schedule A

Said property is not the homestead of the Grantor under the laws and constitution of the State of Florida in that neither Grantor nor any members of the household of Grantor reside thereon.

Parcel ID Number: **R00513-005**

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, 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 our presence:

Witness Printed Name Drakynn U Swick

Witness Printed Name Coral A. Cain

Bobby Gene Stalnaker (Seal)
Bobby Gene Stalnaker

Hubert Roland Stalnaker (Seal)
Hubert Roland Stalnaker a/k/a H. R. Stalnaker

Doris Freida Stalnaker
Doris Stalnaker

State of Florida
County of Columbia

Exhibit "A"

File Number: GV07-869

Tax # 24-6S-15-00513-005 (F/K/A. 24-6S-15-00513-000) Taken from O.R. Book 1131, Page 2450:
A part of the Northeast Quarter of Section 24, Township 6 South, Range 15 East, Columbia County, Florida, more particularly described as follows: BEGIN at a concrete monument, LS 1950, marking the Northeast corner of said Northeast Quarter of said Section 24, and run South 0° 24 minutes 45 seconds East, along the East line thereof, 344.05 feet to a 5/8 inch iron rod, LS 4708; Thence South 89° 26 minutes 13 seconds West 634.70 feet to a 5/8 inch iron rod, LS 4708, set on the West line of lands described in Official Records Book 880, Pages 1431 and 1432 of the Official Records of Columbia County, Florida; Thence North 00° 24 minutes 45 seconds West along said West line 344.21 feet to a concrete monument, LS 4708, on the North line of said Northeast Quarter; Thence North 89° 27 minutes 04 seconds East along the North line thereof 634.70 feet to the POINT OF BEGINNING.
Together with a non-exclusive easement for ingress and egress from said property to U.S. Highway 27 being more particularly described as a strip of land 35 feet wide from the North Right-Of-Way of U.S. Highway 27, running North along and to the West of West line of the Northwest Quarter of Section 19, Township 6 South, Range 16 East a distance of 2,707.71 feet and ending at the South boundary of the above described property.

1st American Title Services

Tax Folio Number: **00513-005**

State of: **Florida**
County of: **Columbia**

File Number: **09-108**

NOTICE OF COMMENCEMENT

Inst.200912006069 Date:4/14/2009 Time:2:25 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1171 P:368

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

1. Description of Property:

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

2. General Description of Improvements: Single Family Dwelling

3. Owner Information:
   a. Name and Address: Katrina N. Brooks and Alvin Curtis Brooks, II
   428 SW Stalnaker Ct., Ft. White, Florida 32038

   b. Interest in property: Fee Simple

   c. Names and address of fee simple title holder (if other than owner):

4. Contractor: Precision Homes, Inc., 305 East Third Stree, Ocilla, GA 31774

5. Surety: N/A

6. Lender: Columbia Bank, 4785 West US Hwy 90, Lake City, Florida 32055

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a)7., Florida Statutes.

8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): [User Input as to the date of expiration of the Notice of Commencement].

Katrina Nicol Brooks

Katrina Nicol Brooks

Alvin Curtis Brooks, II

Sworn to and subscribed before me April 8, 2009 by Katrina Nicol Brooks and Alvin Curtis Brooks, II who is personally known to me or who did provide DRIVERS License as identification.

Megan M. Harrell

Notary Public
My Commission Expires:_____

MEGAN M. HARRELL
MY COMMISSION # DD 642045
EXPIRES: March 30, 2013
Bonded Thru Notary Public Underwriters

Exhibit "A"

TOWNSHIP 6 SOUTH, RANGE 15 EAST

SECTION 24: A part of the Northeast Quarter of Section 24, Township 6 South, Range 15 East, Columbia County, Florida, more particularly described as follows:

BEGIN at a concrete monument, LS 1950, marking the NE corner of said NE 1/4 of said Section 24, and run South 0° 24 ' 45" East, along the East line thereof, 344.05 feet to a 5/8 inch iron rod, LS 4708; Thence South 89° 26' 13 " West, 634.70 feet to a 5/8 inch iron rod, LS 4708, set on the West line of lands described in Official Records Book 880, Pages 1431 and 1432 in Columbia County, Florida; Thence North 00° 24 ' 45 " West along said West line 344.21 feet to a concrete monument, LS 4708, on the North line of said NE 1/4 ; Thence North 89° 27' 04" East along the North line thereof 634.70 feet to the POINT OF BEGINNING.

Together with a 35 foot easement for ingress and egress more particularly described as follows:

Part of the East 1/2 of Section 24, Township 6 South, Range 15 East, Columbia County, Florida, more particularly described as follows: Commence at a concrete monument LS 1950, marking the NE corner of Section 24, Township 6 South, Range 15 East, Columbia County, Florida, and thence S 00°24'45" E, along the monumented East line of said Section 24, a distance of 344.05 feet to a 5/8" iron rod, LS 4708, marking the SE corner of lands described in Official Records Book 1131, Pages 2450-2451 of the Official Records of Columbia County, Florida, and the Point of Beginning of the herein descirbed lands; thence continue S 00°24'45" E, still along said East line, 2363.66 feet to a concrete monument marking the intersection of said East line with the monumented North right-of-way line of US Highway No. 27; thence N 83°44'20" W, along said North right-of-way line, 35.24 feet, thence N 00°24'45" W, parallel to the aforementioned East line of said Section 24, a distance of 2359.47 feet to a point on the South line of the aforementioned lands described in OR Book 1131, Pages 2450-2451; thence N 89°26'13" E, 35.00 feet to the Point of Beginning.

Columbia County Building Permits Application Application #_____

Property ID Number 24-6S-15-00513-005 Septic Permit No. _____

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Construction of MODULAR HOME Cost of Construction $100,000

Mobile Home Permit - New or Used (Circle One) Year _____ Length _____ Width _____

Name of the Authorized Person Signing the Permit NICOL BROOKS

Phone 386-497-2159 Fax _____

Address 428 SW STALNAKER CT. FORT WHITE, FL. 32038

Owners Name NICOL AND ALVIN BROOKS Phone 386-497-2159

911 Address 428 SW STALNAKER CT. FT. WHITE, FL. 32038

Relationship to Property Owner _____ Is this Home Replacing an Existing Home _____

Contractors Name _____ Phone _____

Company Name _____ Fax _____

Address _____

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address FOUNDATION: CURTIS KEEN, LIVEOAK, FL.
HOME: WILLIAM J. WALKER, MONROE, CT.

Mortgage Lenders Name & Address COLUMBIA BANK, 173 NW HILLSBOROUGH, L.C. FL.

Driving Directions to the Property GO HWY 47 TO FORT WHITE, TURN RIGHT ON HWY 27 (RED LIGHT), GO HWY 27 TO STALNAKER C.T., TURN RIGHT, SITE AT END OF STALNAKER CT.

Lot Size _____ Total Acreage 5.01 Building across lot numbers _____

Actual Distance of Structure from Property Lines - Front/Road ~~130~~ 200 Left Side ~~175~~ 300 Right Side ~~100~~ 200 Rear ~~450~~ 500

Number of Stories 2 Heated Floor Area 2325 sqft Total Floor Area 2325 sqft Roof Pitch 12/12

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec.
Progress Energy - Slash Pine Electric

Do you currently have an: (Existing Drive) or Private Drive or need a Culvert Permit or Culvert Waiver
(Currently using) (Blue Road Sign) (Putting in a Culvert) (No Culvert but do not need a Culvert)

Spoke to NICOL 4/24/09

Both Pages Must be Submitted to obtain a Building Permit.

Revised 12-30-08

Columbia County Building Permits Application Application #_____

TIME LIMITATIONS OF *APPLICATIONS* : 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 COMMENCMENT 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 hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Jack Brooks

Owners Signature

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 License Number**_____

Contractor's Signature (Permitee) **Columbia County**

Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20___.

Personally known_____ or Produced Identification_____

_____ **SEAL:**

State of Florida Notary Signature (For the Contractor)

Both Pages Must be Submitted to obtain a Building Permit.

Revised 12-30-08

COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Office: 386-758-1008 Fax: 386-758-2160

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

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

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allows for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

TYPE OF CONSTRUCTION

(X) Single Family Dwelling ( ) Two-Family Residence ( ) Farm Outbuilding
( ) Other_____ ( ) Addition, Alteration, Modification or other Improvement

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

Nicol Brooks 4/17/09
Owner Builder Signature Date

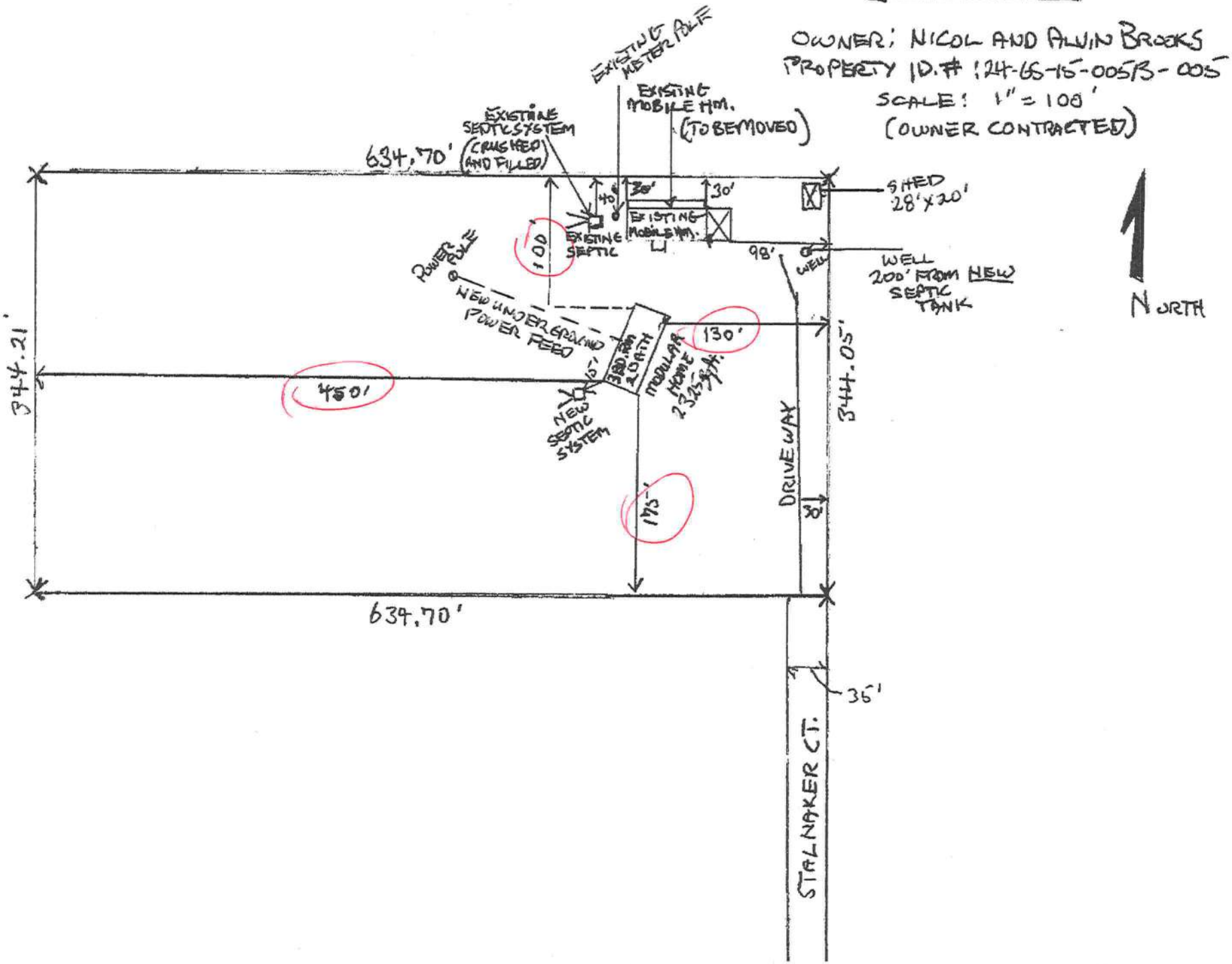
FLORIDA NOTARY
The above signer is personally known to me or produced identification FL Drivers License
Notary Signature _____ Date 4/17/09

CATHY JACOBS SILLOWAY
Comm# DD0646590
Expires 3/16/2011
Florida Notary Assn., Inc

FOR BUILDING DEPARTMENT USE ONLY
I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date_____ Building Official/Representative_____

SITE PLAN

OWNER: NICOL AND ALVIN BROOKS
PROPERTY ID.# 124-65-15-005B-005
SCALE: 1" = 100'
(OWNER CONTRACTED)



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

March 6, 2009

M E M O

TO: John Kerce, Chief Building Official
Brian Kepner, County Planner

FR: Dale Williams, County Manager

RE: Impact Fees – FOR IMMEDIATE ATTENTION

Effective immediately you are to suspend the collection of impact fees. This suspension was approved by the Board of County Commissioners in their regular meeting of March 5, 2009. The suspension includes those fees levied by both ordinances, general government and schools. The approved suspension is in anticipation of a moratorium to be approved March 19, 2009.

You are also requested to provide a list of all impact fees collected since January 1, 2009. This list should include the following information:

1. **the name of the person/business who initially paid the impact fee and the date paid**
2. **the name of the owner on whose project the impact fee was paid**
3. **a "breakdown" on the impact collected by category (i.e. corrections, transportation, EMS, fire, school)**

For those fees recently collected but not yet deposited, I suggest you hold the checks (I assume no cash was collected) until after the March 19, 2009 Public Hearing to impose a moratorium. You should notify the check issuer of the reason you are holding the check.

DW/pds

XC: Impact Fees File
Board of County Commissioners
Outgoing Correspondence

Columbia County Building Department

NOTICE TO PERMITEE: (Pursuant to SS 713.135)
AS A CONDITION OF THE ISSUANCE OF A PERMIT, YOU ***MUST*** PROVIDE A COPY OF THIS NOTICE TO THE PROPERTY OWNER.

ALVIN AND NICOL BROOKS — Alvin Brooks — Nicol Brooks — 4/11/09
Permitee, Printed Name — Permitee Signature — Date

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

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.

This document explains Florida Statute 713, Part 1, as it pertains to home construction and remodeling, and provides tips on how you can avoid construction liens on your property.

Protecting Yourself

If you hire a contractor and the improvements cost more than $2,500, you should know the following:

- You may be liable if you pay your contractor and he then fails to pay his suppliers or contractors. There is a way to protect yourself: a Release of lien. Before you make any payment, be sure you receive this waiver from suppliers and subcontractors covering the materials used and work performed.
- Request from the contractor, via certified or registered mail, a list of all subcontractors and suppliers who have a contract with the contractor to provide services or materials to your property.
- If your contract calls for partial payments before the work is completed, gets a Partial Release of Lien covering all workers and materials used to that point.
- Before you make the last payment to your contractor, obtain and affidavit that specifies all unpaid parties who performed labor, services or provided materials to your property. Make sure that your contractor obtains releases from these parties before you make the final payment.
- Always file a Notice of Commencement before beginning a home construction or remodeling project. The local authority that issues building permits is required to provide this form. You must record the form with the Clerk of the Circuit Court in the county where the property being improved is located. Also post a certified copy at the job site. (In lieu of a certified copy, you may post an affidavit stating that a Notice of commencement has been recorded. Attach a copy of the Notice of commencement to the affidavit.)

- In addition, the building department is prohibited from performing the first inspecti9on if the Notice of Commencement is not also filed with the building department. You can also supply a notarized statement that the Notice has been filed, with a copy attached.

DBPR Customer Contact Center
1940 North Monroe Street
Tallahassee, Florida
32399-1027
Website: http://www.myflolrida.com/dbpr/
Phone
850 487-1395
Fax: 850 488-1830
Email
CallCenter@dbpr.state.fl.us
INTERNET
www.MyFlorida.com

The Notice of Commencement notes the intent to begin improvements, the location of the property, description of the work and the amount of bond (if any). It also identifies the property owner, contractor, surety, lender and other pertinent information. Failure to record a Notice of Commencement or incorrect information of the Notice could contribute to your having to pay twice for the same work or materials.

Whose Responsibility Is It To Get These Releases?
You can stipulate in the agreement with your contractor that he must provide all releases of lien. If it is not a part of the contract, however, or you act as your own contractor, YOU must get the releases. If you borrow money to pay for the improvements and the lender pays the contractor(s) directly, instruct the lender to get releases before making any payments. If your lender then fails to follow the legal requirements, the lending institution may be responsible to you for any loss.

What Can Happen If I Don't Get Releases of Lien?

You will not be able to sell your property unless all outstanding liens are paid. Sometimes a landowner can even be forced to sell his property to satisfy a lien.

Who Can Claim a Lien on My property?

Contractors, laborers, material suppliers, subcontractors and professionals such as architects, landscape architects, interior designers, engineers or land surveyors all have the right to file a claim of lien for work or materials. Always get a release of lien from anyone who does work on y our home.

Additional Tips on Home Construction

- Verify that your contractor is properly licensed. Information regarding licensing can be found below.
- If you intend to get financing, consult with your lender or an attorney before recording your Notice of Commencement.
- Insist that the contractor/remodeler secures a building permit and adheres to all building codes and ordinances.

Information All Construction Contracts Should Contain

- The contractor's name, address, telephone number and contractor's license number.
- A precise description of work and materials to be supplied. The contract should specify the grade of construction, flooring and trim materials to be used. Don't accept the phrase "or equivalent", the contract should specify appliance models and alternates for models not available.
- A beginning date.
- A completion date.
- A complete list of companies or individuals supplying the contractor with labor or materials. Be sure they are insured so you are protected against theft or damage to their supplies or work.
- Financing information and the payment schedule.
- All necessary building permits or licenses.
- Agreement regarding site clean-up and debris disposal.
- All warranty agreements.

Ask for explanations and clarifications of legal terms or confusing language. Be sure you understand completely what you are signing: **Remember,** promises are difficult to enforce unless they are in writing. Even for small jobs, have a written contract spelling out the details. Be wary of anyone who says, "We don't need to bother putting it in writing." Some contractors require a down payment of 10-30 percent of the total and an additional payment at the halfway point. Pay only when the work is done to your satisfaction and you have releases of lien as described above. If the completion date if critical, like a swimming pool planned for summertime use, link payment to on-time performance. Changes to a contract after construction has begun can cost you.
Specify in the contract how changes are to be handled and insist that all change orders be in writing and signed by both you and the contractor.

Cancellation of Contracts

Some home repair/improvement contracts can be canceled in writing (preferably by certified mail? Without penalty or obligation by midnight of the third business day after signing. They include:

- Those signed anywhere other than the seller's normal place of business.
- Those signed as a result of door-to-door solicitation, except emergency home repairs.
- Those paid on an installment basis. Other contracts are binding as soon as they are signed, so be sure before you sign.

Things You Should Know Before Starting

The most frequently cited complaints concerning home remodeling; home improvements and home repair are cost overruns, missed deadlines and inferior workmanship. Another persistent problem is "fly-bynight" contractors who take deposits or payments before finishing or starting work. When you need something done to your home, choose a contractor carefully. Be wary of door-to-door salespeople and telephone solicitors promising "this-month-only" bargains. Make sure your contractor is properly licensed and insured. The Construction Lien Law is complex and cannot be covered completely in this document. We recommend that whenever a specific problem arises, you consult an attorney.

To register a complaint (or to learn if Complaints have been filed against a prospective contractor)

Call:
Florida Department of Business and Professional Regulation, Customer Contact Center 850 487-1395

Email:
CallCenter@dbpr.state.fl.us

Write:
Florida Department of Business and Professional Regulation
1940 North Monroe Street
Tallahassee, Florida 32399-1027

Or go online to:
www.MyFlorida.com

Click on Business and Professional Licenses
To check al license on the Internet 24 hours a day, please visit www.MyFlorida.com and click on Business and Professional Licenses, then Search for a Licensee.
License verification is available 24/7 by calling our Customer Contract Center at 850 487-1395
You may also contact your local building department or the Better Business Bureau.

FORM 600A-2004R EnergyGauge® 4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**PRE-29FL**	Builder:	
Address:	**PRE-29FL NORTH**	Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	**North**		

APPROVED
FEB 16 2009
HILBORN, WERNER, CARTER & ASSOC.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.4 kBtu/hr SEER: 14.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	Yes	13. Heating systems	
6. Conditioned floor area (ft²)	2324 ft²	a. Electric Heat Pump	Cap: 47.0 kBtu/hr HSPF: 7.70
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble, U=0.3) 268.1 ft²	c. N/A	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (SHGC=0.33) 268.1 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons EF: 0.97
a. Raised Wood, Stem Wall	R=19.0, 1508.0ft²	b. N/A	
b. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT,
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 2123.0 ft²		
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1057.0 ft²		
b. Single Assembly	R=13.0, 638.0 ft²		
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft		
b. N/A			

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA

Glass/Floor Area: 0.12 Total as-built points: 26942 Total base points: 29343 **PASS**

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

PREPARED BY: _____

DATE: 2/12/09

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.

Date _____ Plan No. _____

Approved By SCOTT S. FRANCIS

BUILDING OFFICIAL: 2-13-09

DATE: _____ 3R-2056-0928F

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

CK# 1001 09-0250

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

PERMIT NO. 920544
DATE PAID: 4/27/09
FEE PAID: 370.00
RECEIPT #: 1112703

FW

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: Alvin & Katrina Brooks

AGENT: ROCKY FORD, A & B CONSTRUCTION TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

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: na BLOCK: na SUB: na PLATTED: n/a

PROPERTY ID #: 24-6S-15-00513-005 ZONING: AG I/M OR EQUIVALENT: [Y / (N)]

PROPERTY SIZE: 5 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / (N)] DISTANCE TO SEWER: ____ FT

PROPERTY ADDRESS: 428 SW Stalnaker Court, Fort White, FL, 32038

DIRECTIONS TO PROPERTY: 47 South, TR on US 27, TR on Stalnaker Court, to end on left

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Modular Home	4	2308	
2				
3				

[M] Floor/Equipment Drains [X] Other (Specify) _____

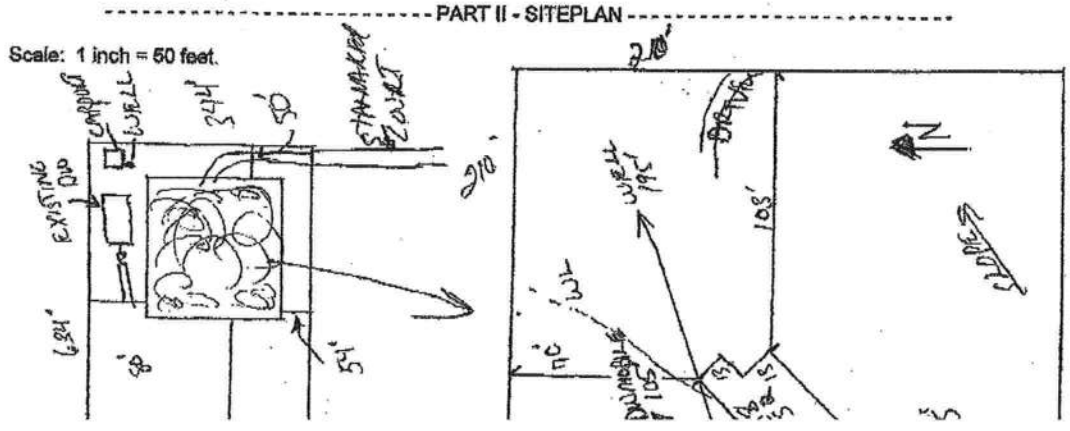
SIGNATURE: Rocky D Ford DATE: 4/27/2009

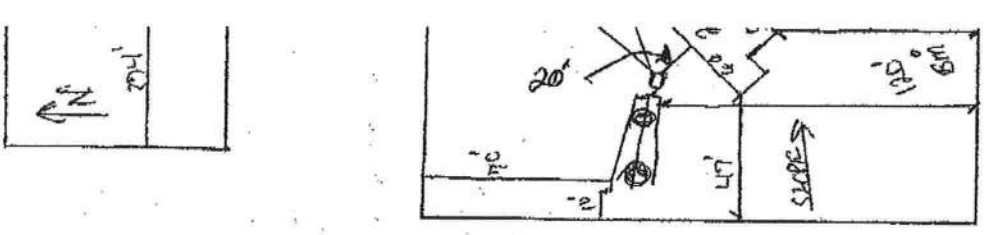
DH 4015, 10/97 (Previous Editions May Be Used) Page 1 of 4

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT
Permit Application Number 09-0250

PART II - SITEPLAN

Scale: 1 inch = 50 feet.





Notes: 1 of 5 Acres

Site Plan submitted by: Rocky D Tyler

Plan Approved ✓ Not Approved ____ MASTER CONTRACTOR

By Mm a 2 Col—b.i County Health Department Date 4-28-09

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 6744-002-4015-6)

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

PERMIT NO. 09-0350 / 9205742
DATE PAID: 4-23-09
FEE PAID: 310.00
RECEIPT #: 111253

CONSTRUCTION PERMIT FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: Alvin & Katrina Brooks

PROPERTY ADDRESS: 428 SW Stalnaker Court, Fort White, FL, 32038

LOT: na BLOCK: na SUBDIVISION: na

PROPERTY ID #: 24-6S-15-00513-005 [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

TANK: [1050] GALLONS / GPD SEPTIC TANK/AEROBIC UNIT CAPACITY MULTI-CHAMBERED/IN-SERIES [ ]
[ ] GALLONS / GPD CAPACITY MULTI-CHAMBERED/IN-SERIES [ ]
[ ] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS]
[ ] GALLONS DOSING TANK CAPACITY [ ] GALLONS @ [ ] DOSES PER 24 HRS # PUMPS [ ]

DRAINFIELD: [444] SQUARE FEET PRIMARY DRAINFIELD SYSTEM
[ ] SQUARE FEET _____ SYSTEM
TYPE SYSTEM: [X] STANDARD [ ] FILLED [ ] MOUND [ ] _____
CONFIGURATION: [X] TRENCH [ ] BED [ ] _____

INFILL: LOCATION OF BENCHMARK: MAIL-IN FENCE POST SOUTH OF SITE
ELEVATION OF PROPOSED SYSTEM SITE [0] [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT
BOTTOM OF DRAINFIELD TO BE [30] [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT
FILL REQUIRED: [N/A] INCHES EXCAVATION REQUIRED: [N/A] INCHES

OTHER: _____

SPECIFICATIONS BY: Rocky D Ford TITLE: MASTER CONTRACTOR

APPROVED BY: Mark D Jones TITLE: Env Manager Columbia CHD

DATE ISSUED: 4-28-09

DH 4016, 10/97 (Previous Editions May Be Used) EXPIRATION DATE: 10-28-10

HWC

ENGINEERING • INSPECTIONS
CERTIFICATIONS • TESTING

February 13, 2009

Precision Homes
305 East Third Street
Ocilla, GA 31774

RE: Manufacturer: Precision Homes
S/N Size & Occupancy: Lexington Cape (1) 13' x 66'; R-3
HWC Plan# 3R-2056-0928F (1) 13' x 50'; 2 Story

To Whom It May Concern:

This is to certify that the plans for the referenced manufactured building have been reviewed and approved as being in compliance with the 2004 Florida Codes and Standards, with 2005/06/07 supplement, as noted on the approved drawings, subject to the following limitations:

1. Approval covers factory-built structure only. (Note: Any alterations to factory built structure on site voids state approval)
2. Items installed at the site are subject to review, approval, and inspection by the local authority having jurisdiction.
3. The Chapter 633 Plan Review and Inspection shall be conducted by the local fire safety inspector.
4. Signed and sealed plans shall be on file with HWC Engineering.
5. NOT Approved for High Velocity Hurricane Zone (i.e. Broward and Dade Counties)

Sincerely,
HILBORN, WERNER, CARTER & ASSOCIATES, INC.

Plan Reviewer

HILBORN, WERNER, CARTER AND ASSOCIATES, INC.
1627 SOUTH MYRTLE AVENUE CLEARWATER, FLORIDA 33756
(727) 584-8151
FAX: (727) 586-3343 Modular / (727) 585-2392 Dapia / (727) 587-0447 Inspection

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL NORTH, , ,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2324.0	18.59	7777.0	1.Double,U=0.35,SHGC=0.33	W	0.0	0.0	60.0	18.92	1.00	1135.0	
				2.Double,U=0.35,SHGC=0.33	W	0.0	0.0	8.3	18.92	1.00	157.0	
				3.Double,U=0.35,SHGC=0.33	E	0.0	0.0	120.0	20.67	1.00	2480.0	
				4.Double,U=0.35,SHGC=0.33	E	0.0	0.0	49.8	20.67	1.00	1029.0	
				5.Double,U=0.35,SHGC=0.33	N	0.0	0.0	15.0	9.36	1.00	140.0	
				6.Double,U=0.35,SHGC=0.33	S	0.0	0.0	15.0	17.60	1.00	263.0	
				As-Built Total:				**268.1**			**5204.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =	Points		
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2123.0	1.50	3184.5		
Exterior	2123.0	1.70	3609.1									
Base Total:	**2123.0**		**3609.1**	**As-Built Total:**				**2123.0**		**3184.5**		
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =	Points		
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				40.0	4.10	164.0		
Exterior	40.0	6.10	244.0									
Base Total:	**40.0**		**244.0**	**As-Built Total:**				**40.0**		**164.0**		
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =	Points		
Under Attic	1508.0	1.73	2608.8	1. Under Attic			30.0	1057.0	1.73 X 1.00	1828.6		
				2. Single Assembly			13.0	638.0	7.14 X 1.00	4555.3		
Base Total:	**1508.0**		**2608.8**	**As-Built Total:**				**1695.0**		**6383.9**		
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =	Points		
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Stem Wall			19.0	1508.0	-1.50	-2262.0		
Raised	1508.0	-3.99	-6016.9									
Base Total:			**-6016.9**	**As-Built Total:**				**1508.0**		**-2262.0**		
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =	Points		
	2324.0	10.21	23728.0					2324.0	10.21	23728.0		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL NORTH, , ,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 31950.1			**Summer As-Built Points:**					**36402.5**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 62400btuh ,SEER/EFF(14.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS)					
31950.1	**0.3250**	**10383.8**	36402 **36402.5**	1.00 **1.00**	(1.09 x 1.147 x 1.11) **1.388**	0.244 **0.244**	0.950 **0.950**	11699.7 **11699.7**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL NORTH, , ,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2324.0	20.17	8438.0	1.Double,U=0.35,SHGC=0.33	W	0.0	0.0	60.0	9.28	1.00	556.0	
				2.Double,U=0.35,SHGC=0.33	W	0.0	0.0	8.3	9.28	1.00	77.0	
				3.Double,U=0.35,SHGC=0.33	E	0.0	0.0	120.0	8.37	1.00	1004.0	
				4.Double,U=0.35,SHGC=0.33	E	0.0	0.0	49.8	8.37	1.00	416.0	
				5.Double,U=0.35,SHGC=0.33	N	0.0	0.0	15.0	11.20	1.00	168.0	
				6.Double,U=0.35,SHGC=0.33	S	0.0	0.0	15.0	5.56	1.00	83.0	
				As-Built Total:				**268.1**			**2304.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2123.0	3.40	7218.2		
Exterior	2123.0	3.70	7855.1									
Base Total:	**2123.0**		**7855.1**	**As-Built Total:**				**2123.0**		**7218.2**		
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =	Points		
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				40.0	8.40	336.0		
Exterior	40.0	12.30	492.0									
Base Total:	**40.0**		**492.0**	**As-Built Total:**				**40.0**		**336.0**		
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =	Points		
Under Attic	1508.0	2.05	3091.4	1. Under Attic			30.0	1057.0	2.05 X 1.00	2166.8		
				2. Single Assembly			13.0	638.0	2.40 X 1.00	1531.2		
Base Total:	**1508.0**		**3091.4**	**As-Built Total:**				**1695.0**		**3698.0**		
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =	Points		
Slab	0:0(p)	0.0	0.0	1. Raised Wood, Stem Wall			19.0	1508.0	0.80	1206.4		
Raised	1508.0	0.96	1447.7									
Base Total:			**1447.7**	**As-Built Total:**				**1508.0**		**1206.4**		
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =	Points		
	2324.0	-0.59	-1371.2					2324.0	-0.59	-1371.2		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL NORTH, , ,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**19953.0**	**Winter As-Built Points:**					**13391.5**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 47000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Att(AH),R6.0					
19953.0	**0.5540**	**11054.0**	13391.5 **13391.5**	1.000 **1.00**	(1.069 x 1.169 x 1.10) **1.375**	0.443 **0.443**	0.950 **0.950**	7744.6 **7744.6**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL NORTH, , ,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	50.0	0.97	3	1.00	2499.18	1.00	7497.5	
				As-Built Total:						**7497.5**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
10384	**11054**	**7905**	**29343**	**11700**	**7745**	**7498**	**26942**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL NORTH, , ,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.0

The higher the score, the more efficient the home.

, PRE-29FL NORTH, , ,

1.	New construction or existing	New		12. Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 62.4 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 14.00
4.	Number of Bedrooms	3		b. N/A	
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	2324 ft²		c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description Area		13. Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble, U=0.3) 268.1 ft²		a. Electric Heat Pump	Cap: 47.0 kBtu/hr
b.	SHGC:				HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (SHGC=0.33) 268.1 ft²		b. N/A	
8.	Floor types				
a.	Raised Wood, Stem Wall	R=19.0, 1508.0ft²		c. N/A	
b.	N/A				
c.	N/A			14. Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 2123.0 ft²			EF: 0.97
b.	N/A			b. N/A	
c.	N/A				
d.	N/A			c. Conservation credits	
e.	N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 1057.0 ft²		15. HVAC credits	PT,
b.	Single Assembly	R=13.0, 638.0 ft²		(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft		MZ-C-Multizone cooling,	
b.	N/A			MZ-H-Multizone heating)	

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: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

FORM 600A-2004R

EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**PRE-29FL**	Builder:	
Address:	**PRE-29FL CENTRAL**	Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	**Central**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	2324 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	Description Area: 7a. (Dble, U=0.3) 268.1 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (SHGC=0.33) 268.1 ft²	
8.	Floor types		
a.	Raised Wood, Stem Wall	R=19.0, 1508.0ft²	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 2123.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1057.0 ft²	
b.	Single Assembly	R=13.0, 638.0 ft²	
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft	
b.	N/A		

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA

12.	Cooling systems		
a.	Central Unit	Cap: 62.4 kBtu/hr SEER: 14.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 47.0 kBtu/hr HSPF: 7.70	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons EF: 0.97	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT,	

APPROVED
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HILBORN WERNER, CARTER & ASSOC.

Glass/Floor Area: 0.12

Total as-built points: 26145

Total base points: 26819

PASS

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

PREPARED BY: _____

DATE: 1/12/09

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.

Date _____ Plan No. _____

Approved By SCOTT S. FRANCIS

BUILDING OFFICIAL: 2-13-09

DATE: _____ SR-2056-0928F

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

Modular Building Plans Examiner
Florida License No. SMP-42

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL CENTRAL, , ,** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2324.0	24.35	10186.0	1.Double,U=0.35,SHGC=0.33	W	0.0	0.0	60.0	24.52	1.00	1471.0
				2.Double,U=0.35,SHGC=0.33	W	0.0	0.0	8.3	24.52	1.00	203.0
				3.Double,U=0.35,SHGC=0.33	E	0.0	0.0	120.0	27.21	1.00	3265.0
				4.Double,U=0.35,SHGC=0.33	E	0.0	0.0	49.8	27.21	1.00	1355.0
				5.Double,U=0.35,SHGC=0.33	N	0.0	0.0	15.0	12.69	1.00	190.0
				6.Double,U=0.35,SHGC=0.33	S	0.0	0.0	15.0	20.39	1.00	305.0
				As-Built Total:				**268.1**			**6789.0**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2123.0	1.70		3609.1
Exterior	2123.0	1.90	4033.7								
Base Total:	**2123.0**		**4033.7**	**As-Built Total:**				**2123.0**			**3609.1**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				40.0	4.80		192.0
Exterior	40.0	4.80	192.0								
Base Total:	**40.0**		**192.0**	**As-Built Total:**				**40.0**			**192.0**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1508.0	2.13	3212.0	1. Under Attic			30.0	1057.0	2.13 X 1.00		2251.4
				2. Single Assembly			13.0	638.0	8.72 X 1.00		5563.4
Base Total:	**1508.0**		**3212.0**	**As-Built Total:**				**1695.0**			**7814.8**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Stem Wall			19.0	1508.0	-1.80		-2714.4
Raised	1508.0	-3.43	-5172.4								
Base Total:			**-5172.4**	**As-Built Total:**				**1508.0**			**-2714.4**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	2324.0	14.31	33256.4					2324.0	14.31		33256.4

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL CENTRAL, , ,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 45707.7			**Summer As-Built Points:**					**48946.9**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 62400btuh ,SEER/EFF(14.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS)					
45707.7	**0.3250**	**14855.0**	48947 **48946.9**	1.00 **1.00**	(1.09 x 1.150 x 1.10) **1.375**	0.244 **0.244**	0.950 **0.950**	15573.8 **15573.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL CENTRAL, , ,** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	2324.0	9.11	3811.0	1.Double,U=0.35,SHGC=0.33	W	0.0	0.0	60.0	4.26	1.00	255.0
				2.Double,U=0.35,SHGC=0.33	W	0.0	0.0	8.3	4.26	1.00	35.0
				3.Double,U=0.35,SHGC=0.33	E	0.0	0.0	120.0	3.92	1.00	470.0
				4.Double,U=0.35,SHGC=0.33	E	0.0	0.0	49.8	3.92	1.00	195.0
				5.Double,U=0.35,SHGC=0.33	N	0.0	0.0	15.0	4.94	1.00	74.0
				6.Double,U=0.35,SHGC=0.33	S	0.0	0.0	15.0	2.90	1.00	43.0
				As-Built Total:				**268.1**			**1072.0**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2123.0	1.80		3821.4
Exterior	2123.0	2.00	4246.0								
Base Total:	**2123.0**		**4246.0**	**As-Built Total:**				**2123.0**			**3821.4**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				40.0	5.10		204.0
Exterior	40.0	5.10	204.0								
Base Total:	**40.0**		**204.0**	**As-Built Total:**				**40.0**			**204.0**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points
Under Attic	1508.0	0.64	965.1	1. Under Attic			30.0	1057.0	0.64 X 1.00		676.5
				2. Single Assembly			13.0	638.0	0.84 X 1.00		535.9
Base Total:	**1508.0**		**965.1**	**As-Built Total:**				**1695.0**			**1212.4**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Stem Wall			19.0	1508.0	0.30		452.4
Raised	1508.0	-0.20	-301.6								
Base Total:			**-301.6**	**As-Built Total:**				**1508.0**			**452.4**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points
	2324.0	-0.28	-650.7					2324.0	-0.28		-650.7

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL CENTRAL, , ,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**8273.8**	**Winter As-Built Points:**					**6111.5**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 47000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Att(AH),R6.0					
8273.8	**0.5540**	**4583.7**	6111.5 **6111.5**	1.000 **1.00**	(1.078 x 1.160 x 1.11) **1.388**	0.443 **0.443**	0.950 **0.950**	3572.0 **3572.0**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL CENTRAL, , ,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2460.00	7380.0	50.0	0.97	3		1.00	2333.20	1.00	6999.6
				As-Built Total:							**6999.6**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
14855	**4584**	**7380**	**26819**	**15574**	**3572**	**7000**	**26145**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL CENTRAL, , ,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.5

The higher the score, the more efficient the home.

, PRE-29FL CENTRAL, , ,

1.	New construction or existing	New		12. Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 62.4 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 14.00
4.	Number of Bedrooms	3		b. N/A	
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	2324 ft²		c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description Area		13. Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble, U=0.3) 268.1 ft²		a. Electric Heat Pump	Cap: 47.0 kBtu/hr
b.	SHGC:				HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (SHGC=0.33) 268.1 ft²		b. N/A	
8.	Floor types				
a.	Raised Wood, Stem Wall	R=19.0, 1508.0ft²		c. N/A	
b.	N/A				
c.	N/A			14. Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 2123.0 ft²			EF: 0.97
b.	N/A			b. N/A	
c.	N/A				
d.	N/A			c. Conservation credits	
e.	N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 1057.0 ft²		15. HVAC credits	PT,
b.	Single Assembly	R=13.0, 638.0 ft²		(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft		MZ-C-Multizone cooling,	
b.	N/A			MZ-H-Multizone heating)	

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: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

FORM 600A-2004R

EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**PRE-29FL**	Builder:	
Address:	**PRE-29FL SOUTH**	Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	**South**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 62.4 kBtu/hr SEER: 14.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	Yes	13. Heating systems	
6. Conditioned floor area (ft²)	2324 ft²	a. Electric Heat Pump	Cap: 47.0 kBtu/hr HSPF: 7.70
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor: (or Single or Double DEFAULT)	7a. (Dble, U=0.3) 268.1 ft²	c. N/A	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (SHGC=0.33) 268.1 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons EF: 0.97
a. Raised Wood, Stem Wall	R=19.0, 1508.0ft²	b. N/A	
b. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT,
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 2123.0 ft²		
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1057.0 ft²		
b. Single Assembly	R=13.0, 638.0 ft²		
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft		
b. N/A			

APPROVED
FEB 16 2009
HILBORN WERNER, CARTER & ASSOC.

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA

Glass/Floor Area: 0.12

Total as-built points: 28439

Total base points: 28774

PASS

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

PREPARED BY: _____

DATE: 2/12/09

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.

Date 2-13-09 Plan No. _____

BUILDING OFFICIAL: SCOTT S. FRANCIS

DATE: _____ 3R-2056-0928F

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4

EnergyGauge® (Version: FLRCSB v4.5.2)

Modular Building Plans Examiner
Florida License No. SMP-42

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL SOUTH, , ,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2324.0	30.53	12771.0	1.Double,U=0.35,SHGC=0.33	W	0.0	0.0	60.0	30.12	1.00	1807.0	
				2.Double,U=0.35,SHGC=0.33	W	0.0	0.0	8.3	30.12	1.00	250.0	
				3.Double,U=0.35,SHGC=0.33	E	0.0	0.0	120.0	33.51	1.00	4021.0	
				4.Double,U=0.35,SHGC=0.33	E	0.0	0.0	49.8	33.51	1.00	1668.0	
				5.Double,U=0.35,SHGC=0.33	N	0.0	0.0	15.0	15.49	1.00	232.0	
				6.Double,U=0.35,SHGC=0.33	S	0.0	0.0	15.0	28.55	1.00	428.0	
				As-Built Total:				**268.1**			**8406.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2123.0	2.40		5095.2	
Exterior	2123.0	2.70	5732.1									
Base Total:	**2123.0**		**5732.1**	**As-Built Total:**				**2123.0**			**5095.2**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				40.0	6.40		256.0	
Exterior	40.0	6.40	256.0									
Base Total:	**40.0**		**256.0**	**As-Built Total:**				**40.0**			**256.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1508.0	2.80	4222.4	1. Under Attic			30.0	1057.0	2.77 X 1.00		2927.9	
				2. Single Assembly			13.0	638.0	11.59 X 1.0		7394.4	
Base Total:	**1508.0**		**4222.4**	**As-Built Total:**				**1695.0**			**10322.3**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Stem Wall			19.0	1508.0	-0.40		-603.2	
Raised	1508.0	-2.16	-3257.3									
Base Total:			**-3257.3**	**As-Built Total:**				**1508.0**			**-603.2**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2324.0	18.79	43668.0					2324.0	18.79		43668.0	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL SOUTH, , ,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 63392.2			**Summer As-Built Points:**					**67144.3**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 62400btuh ,SEER/EFF(14.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS)					
63392.2	**0.3250**	**20602.5**	67144 **67144.3**	1.00 **1.00**	(1.07 x 1.165 x 1.08) **1.350**	0.244 **0.244**	0.950 **0.950**	20975.3 **20975.3**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL SOUTH, , ,** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	2324.0	3.60	1506.0	1.Double,U=0.35,SHGC=0.33	W	0.0	0.0	60.0	1.78	1.00	106.0
				2.Double,U=0.35,SHGC=0.33	W	0.0	0.0	8.3	1.78	1.00	14.0
				3.Double,U=0.35,SHGC=0.33	E	0.0	0.0	120.0	1.44	1.00	172.0
				4.Double,U=0.35,SHGC=0.33	E	0.0	0.0	49.8	1.44	1.00	71.0
				5.Double,U=0.35,SHGC=0.33	N	0.0	0.0	15.0	1.95	1.00	29.0
				6.Double,U=0.35,SHGC=0.33	S	0.0	0.0	15.0	1.36	1.00	20.0
				As-Built Total:				**268.1**			**412.0**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2123.0	0.60		1273.8
Exterior	2123.0	0.60	1273.8								
Base Total:	**2123.0**		**1273.8**	**As-Built Total:**				**2123.0**			**1273.8**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				40.0	1.80		72.0
Exterior	40.0	1.80	72.0								
Base Total:	**40.0**		**72.0**	**As-Built Total:**				**40.0**			**72.0**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points
Under Attic	1508.0	0.10	150.8	1. Under Attic			30.0	1057.0	0.10 X 1.00		105.7
				2. Single Assembly			13.0	638.0	0.14 X 1.00		89.3
Base Total:	**1508.0**		**150.8**	**As-Built Total:**				**1695.0**			**195.0**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Stem Wall			19.0	1508.0	-0.10		-150.8
Raised	1508.0	-0.28	-422.2								
Base Total:			**-422.2**	**As-Built Total:**				**1508.0**			**-150.8**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points
	2324.0	-0.06	-139.4					2324.0	-0.06		-139.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL SOUTH, , ,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**2440.9**	**Winter As-Built Points:**					**1662.6**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 47000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Att(AH),R6.0					
2440.9	0.5540	1352.3	1662.6 **1662.6**	1.000 **1.00**	(1.099 x 1.137 x 1.14) **1.425**	0.443 **0.443**	0.950 **0.950**	996.4 **996.4**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL SOUTH, , ,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2273.00	6819.0	50.0	0.97	3		1.00	2155.83	1.00	6467.5
				As-Built Total:							**6467.5**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
20602	**1352**	**6819**	**28774**	**20975**	**996**	**6468**	**28439**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **PRE-29FL SOUTH, , ,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.0

The higher the score, the more efficient the home.

, PRE-29FL SOUTH, , ,

1.	New construction or existing	New		12. Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 62.4 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 14.00
4.	Number of Bedrooms	3		b. N/A	
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	2324 ft²		c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description Area		13. Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble, U=0.3) 268.1 ft²		a. Electric Heat Pump	Cap: 47.0 kBtu/hr
b.	SHGC:				HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (SHGC=0.33) 268.1 ft²		b. N/A	
8.	Floor types				
a.	Raised Wood, Stem Wall	R=19.0, 1508.0ft²		c. N/A	
b.	N/A				
c.	N/A			14. Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 2123.0 ft²			EF: 0.97
b.	N/A			b. N/A	
c.	N/A				
d.	N/A			c. Conservation credits	
e.	N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 1057.0 ft²		15. HVAC credits	PT,
b.	Single Assembly	R=13.0, 638.0 ft²		(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 150.0 ft		MZ-C-Multizone cooling,	
b.	N/A			MZ-H-Multizone heating)	

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: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Job	Truss	Truss Type	Qty	Ply	PRECISION HOMES 316
46326	CC143210	HINGED ATTIC	1	1	3162146

Universal Forest Products Inc., Grand Rapids, MI 49525, Travis Wells — 7.030 e Jan 3 2008 MiTek Industries, Inc. Mon Mar 17 13:19:57 2008 Page 1/2

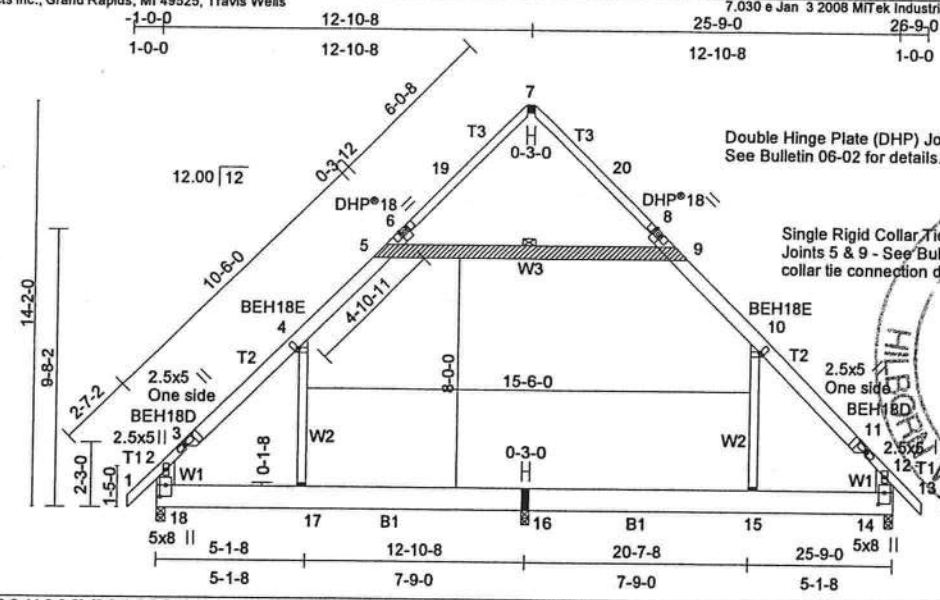


Plate Offsets (X,Y): [3:0-0-11,0-0-0], [3:0-1-8,0-5-6], [4:0-0-11,0-1-2], [6:0-1-14,0-1-8], [8:0-1-14,0-1-8], [10:0-0-11,0-1-2], [11:0-0-11,0-0-0], [11:0-1-8,0-5-6], [14:0-4-12,0-2-8], [18:0-4-12,0-2-8]

SPACING: 2-0-0		SPACING: 1-4-0		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
LOADING (psf)		LOADING (psf)		Plates Increase	1.15	TC	0.62	Vert(LL)	0.28	16-17	>532	240	MT20	197/144
TCLL	16.0	TCLL	24.0	Lumber Increase	1.15	BC	0.60	Vert(TL)	0.27	16-17	>562	180	MII18	141/138
(Ground Snow=20.0)		(Ground Snow=30.0)		Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.01	14	n/a	n/a		
TCDL	7.0	TCDL	10.5	Code	IBC2006/TPI2002	(Matrix)							Weight: 214 lb	
BCLL	0.0 *	BCLL	0.0 *											
BCDL	7.0	BCDL	10.5											

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except* T2 2 X 6 SYP No.2
BOT CHORD 2 X 10 SYP No.2
WEBS 2 X 4 SPF Stud *Except* W3 2 X 6 SPF No.2, W1 2 X 8 SPF No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals[P]
BOT CHORD Rigid ceiling directly applied or 6-5-10 oc bracing.
WEBS 1 Row at midpt 5-9

REACTIONS (lb/size) 18=911/0-3-8, 16=691/0-3-0, 14=911/0-3-8
Max Horz 18=-976(LC 7)
Max Uplift18=-856(LC 9), 16=-155(LC 9), 14=-858(LC 10)
Max Grav 18=1001(LC 17), 16=833(LC 14), 14=1003(LC 18)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/70, 2-3=-785/723, 3-4=-667/718, 4-5=-608/843, 5-6=-246/250, 6-19=-167/260, 7-19=-142/268, 7-20=-140/264, 8-20=-162/257, 8-9=-246/249, 9-10=-608/843, 10-11=-667/714, 11-12=-785/718, 12-13=0/70, 2-18=-671/807, 12-14=-671/807
BOT CHORD 17-18=-423/548, 16-17=-421/547, 15-16=-421/547, 14-15=-420/546
WEBS 10-15=-314/514, 4-17=-318/518, 5-9=-399/886

REQUIRED FIELD JOINT CONNECTIONS - Maximum Compression (lb)/ Maximum Tension (lb)/ Maximum Shear (lb)/ Maximum Moment (lb-in)
5=399/886/130/6726, 7=109/270/272/0, 9=399/886/130/6695, 15=314/514/0/0, 16=421/547/417/0, 17=318/518/0/0

NOTES
1) Wind: ASCE 7-05; 130mph @24in o.c.; h=30ft; TCDL=2.8psf; BCDL=2.8psf; Category II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.33. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Wind: ASCE 7-05; 150mph @16in o.c.; h=30ft; TCDL=4.2psf; BCDL=4.2psf; Category II; Exp C; enclosed; MWFRS (low-rise)gable end and C-C Exterior(2) zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.33. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) TCLL: ASCE 7-05; Pg=20.0 psf (ground snow); Ps=16.0 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1; IBC 1607.11.2 minimum roof live load applied where required.
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
7) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) All plates are MT20 plates unless otherwise indicated.
10) See BEH18 DETAILS for plate placement.
11) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
12) See DHP®18 DETAILS for plate placement.
13) All additional member connections shall be provided by others for forces as indicated.
14) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
15) Ceiling dead load (5.0 psf) on member(s). 4-5, 9-10, 5-9
16) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 16-17, 15-16
17) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 856 lb uplift at joint 18, 155 lb uplift at joint 16 and 858 lb uplift at joint 14.
18) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
19) This truss has been designed in accordance with the 2006 IBC Sec 2303.4.2, 2006 IRC Sec 802.10.2
20) This truss has been designed to meet the 2003 IBC Section 2308.10.7.1; 2003 IRC R802.10.2
21) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
22) If shown, field installed members are an integral part of this design. To ensure proper performance, all field installed members must be installed prior to applying any loading to the truss.
23) Based on CC143202. Revision: Updated code, increased spacing, modified wind and materials.

APPROVED
FEB 16 2009
HILDRETH
WERNER, CARTER & ASSOC.

KEVIN WESLEY FREEMAN
REGISTERED ENGINEER
AGRICULTURE
E-Signed by Kevin Freeman
VERIFY authenticity with ApproveIt
0010
STATE OF TENNESSEE
3/17/08

WARNING - *Verify design parameters and READ NOTES*

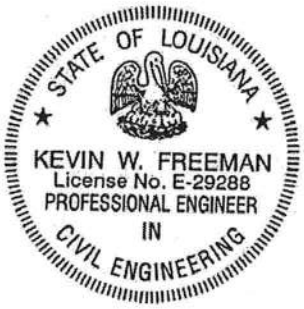
Universal Forest Products, Inc. 2801 EAST BELTLINE RD, NE
PHONE (616)-364-6161 FAX (616)-365-0060 GRAND RAPIDS, MI 49505

This building component has only been designed for the loads noted on this drawing. Construction and lifting forces have not been considered. The builder is responsible for lifting methods and system design. Builder responsibilities are defined under section 2.3 of TPI1-2002. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication,quality control, storage, delivery, erection and bracing, consult BCSI 1-03 from the Wood Truss Council of America and Truss Plate Institute Recommendation avaliable from WTCA, 6300 Enterprise LN, Madison, WI 53719 J:\support\MitekSupp\templates\ufp.tpe

Job	Truss	Truss Type	Qty	Ply	PRECISION HOMES 316
46326	CC143210	HINGED ATTIC	1	1	3162146

Universal Forest Products Inc., Grand Rapids, MI 49525, Travis Wells

7.030 e Jan 3 2008 MiTek Industries, Inc. Mon Mar 17 13:19:57 2008 Page 2/2



Universal Forest Products, Inc. 2801 EAST BELTLINE RD, NE
PHONE (616)-364-6161 FAX (616)-365-0060 GRAND RAPIDS, MI 49505

Job	Truss	Truss Type	Qty	Ply	
50737	P520102	HINGED COMMON	1	1	Precision Homes 316 3162398

Universal Forest Products Inc., Grand Rapids, MI 49525, Doug McKellar — 7.050 s May 22 2008 MiTek Industries, Inc. Mon Feb 09 11:40:25 2009 Page 1 of 2

APPROVED
FEB 16 2009
HILBORN, WERNER, CARTER & ASSOC.

KEVIN FREEMAN
LICENSE
No 56254
STATE OF FLORIDA
PROFESSIONAL ENGINEER
2/9/09

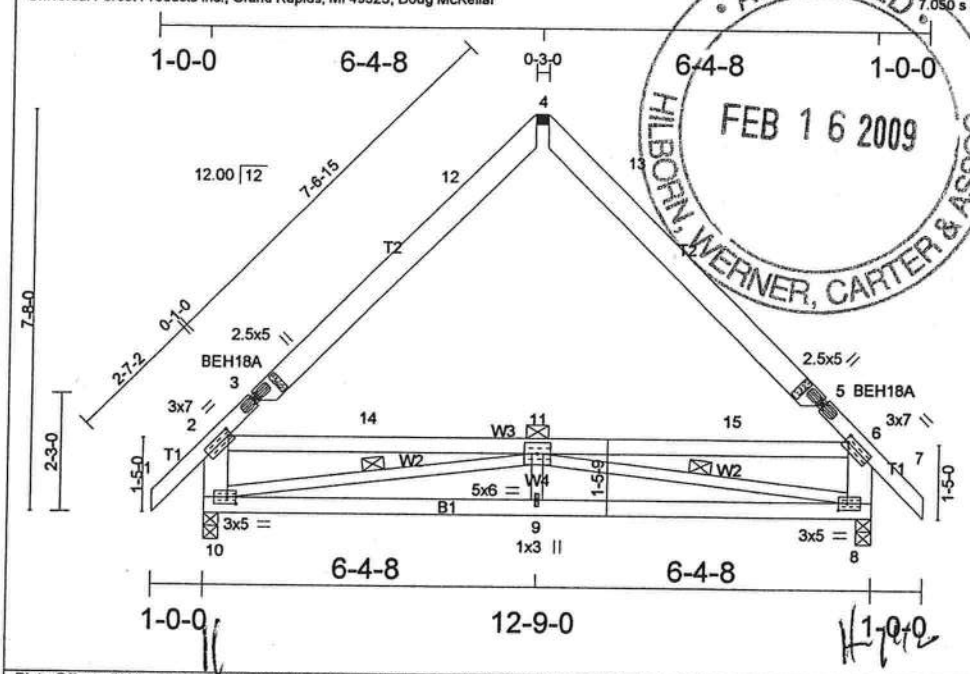


Plate Offsets (X,Y): [2:0-0-12,0-1-8], [3:0-1-8,0-4-6], [3:0-0-5,0-1-0], [5:0-1-8,0-4-6], [5:0-0-5,0-1-0], [6:0-0-12,0-1-8], [8:0-2-0,0-1-8], [10:0-2-0,0-1-8]

SPACING: 2-0-0	SPACING: 1-4-0	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
LOADING (psf)	LOADING (psf)	Plates Increase 1.15	TC 0.67	Vert(LL) -0.12 9 >999 240	MT20 197/144
TCLL 16.0	TCLL 24.0	Lumber Increase 1.15	BC 0.60	Vert(TL) -0.19 9 >775 180	MII18 195/188
(Ground Snow=20.0)	(Ground Snow=30.0)	Rep Stress Incr YES	WB 0.49	Horz(TL) 0.02 8 n/a n/a	
TCDL 7.0	TCDL 10.5	Code IBC2006/TPI2002	(Matrix)		Weight: 87 lb
BCLL 0.0 *	BCLL 0.0 *				
BCDL 7.0	BCDL 10.5				

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except* T2: 2 X 6 SYP No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 3 SPF Stud *Except* W1: 2 X 6 SPF No.2, W3: 2 X 4 SPF No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-6, 10-11, 8-11

REACTIONS (lb/size) 10=466/0-3-8, 8=474/0-3-8
Max Horz 10=-418(LC 7)
Max Uplift 10=-534(LC 9), 8=-536(LC 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/66, 2-3=-278/291, 3-12=-174/319, 4-12=-129/327, 4-13=-125/323, 5-13=-172/315, 5-6=-278/290, 6-7=0/66, 2-10=-342/646, 6-8=-342/646
BOT CHORD 9-10=-318/991, 8-9=-318/991
WEBS 2-14=-202/491, 11-14=-202/491, 11-15=-201/490, 6-15=-201/490, 9-11=0/178, 10-11=-894/275, 8-11=-894/250

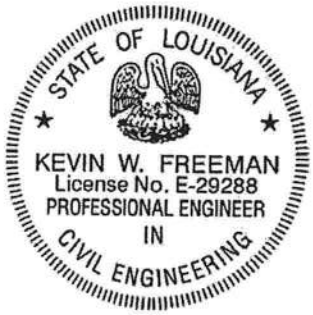
REQUIRED FIELD JOINT CONNECTIONS - Maximum Compression (lb)/ Maximum Tension (lb)/ Maximum Shear (lb)/ Maximum Moment (lb-in)
4=100/329/326/0

NOTES
1) Wind: ASCE 7-05; 130mph @24in o.c.; TCDL=2.8psf; BCDL=2.8psf; (Alt. 160mph @16in o.c.; TCDL=4.2psf; BCDL=4.2psf); h=30ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pg=20.0 psf (ground snow); Ps=16.0 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) All plates are MT20 plates unless otherwise indicated.
9) See BEH18 DETAILS for plate placement.
10) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
11) All additional member connections shall be provided by others for forces as indicated.
12) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 534 lb uplift at joint 10 and 536 lb uplift at joint 8.
14) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
15) This truss has been designed in accordance with the 2006 IBC Sec 2303.4.2, 2006 IRC Sec 802.10.2
16) This truss has been designed to meet the 2003 IBC Section 2308.10.7.1; 2003 IRC R802.10.2
17) If shown, field installed members are an integral part of this design. To ensure proper performance, all field installed members must be installed prior to applying any loading to the truss.
18) Based on P520101. Redone to dual code, added alternate spacing.

WARNING - *Verify design parameters and READ NOTES*

Universal Forest Products, Inc. 2801 EAST BELTLINE RD, NE
PHONE (616)-364-6161 FAX (616)-365-0060 GRAND RAPIDS, MI 49525

This building component has only been designed for the loads noted on this drawing. Construction and lifting forces have not been considered. The builder is responsible for lifting methods and system design. Builder responsibilities are defined under section 2.3 of TPI1-2002. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication,quality control, storage, delivery, erection and bracing, consult BCSI 1-03 from the Wood Truss Council of America and Truss Plate Institute Recommendation avaliable from WTCA, 6300 Enterprise LN, Madison, WI 53719. J:\support\MitekSupp\templates\ufp.lpe



Manufacturer: Precision Homes Plan# 3R-2056-0928F

CATEGORY	MANUFACTURER	PRODUCT DESCRIPTION	APPROVAL # (S)
PANEL WALLS			
VINYL SIDING	Variform / Crane	Installation Instructions	N/A
SIDING	Variform	Vinyl Siding	FL2224-R1
SIDING	Crane Performance Siding	Vinyl Siding	FL2495-R1
SIDING	James Hardie Building Prod.	Fiber Cement Siding	FL889-R2
EXTERIOR DOORS			
SWINGING	Plast Pro Inc.	Exterior Door	FL4760, 4764
	McPhillips Mfg. Corp.	Exterior Door	FL5464, 5466, 5467, 5468
			5469, 5471, 5472, 5474, 5477
	Masonite Intl.	Exterior Door	FL4334-R1, 4668-R1, 4904.4
			4940, 5114
	Premier Products Inc.	Exterior Hollow Metal	FL6378
	Vistawall Group	Commercial Glass Door	FL5876
SLIDING	PGT Industries	Sliding Glass Door	FL328-R2
	Kinro	Sliding Glass Door	FL2865-R2
	PGT Industries	SGD-530 Impact Resistant	FL8208.2
	PGT Industries	SGD-430 Non-Imp. Resistant	FL8208.1
WINDOWS			
SINGLE HUNG	Kinro	9750 Series	FL993-R1, 995-R1, 996-R1
SINGLE HUNG/ FIXED	Action Windoor Technology	Brick Mould Series 2900F	FL1782-R1, 1788-R1
DOUBLE HUNG	West Window Corporation	Allweld II	FL5055, 5411
DOUBLE HUNG	West Window Corporation	Allweld X Defender	FL5055-R1
FIXED	Hy-Lite Products Inc.	Block Window	FL6500
BAY WINDOW	West Window Corporation		FL5511, 5413
DOUBLE HUNG	PGT Industries	DH560 Impact Resistant	FL7058.2
DOUBLE HUNG	PGT Industries	DH460 Non-Impact Resistant	FL7058.1
FIXED	West Window Corporation	64X68 Tinted w/ Transom	FL8980
ROOFING PRODUCTS			
RIDGE VENT	Air Vent Inc.	Ridge Vent	FL1607
	Trim Line	Ridge Vent	FL4330
ASPHAULT SHINGLES	Owens Corning	Asphault Shingles	FL234-R1, 1000-R1, 3663-R1
	Tamko Roofing Products	Asphault Shingles	FL1956-R1
	GAF Materials	Asphault Shingles	FL183-R1, 3574-R1,4917
UNDERLAYMENT	Alpha Pro Tech	Synthetic Underlayment	FL4023
	Tamko Roofing Products	Felt Paper	FL1481-R1, FL1744-R1
	Warrior Roofing	Felt Paper	FL2346-R1
ADHESIVES	Tamko Roofing Products	Roof Patch Sealant	FL1960-R1 1960.1
METAL ROOF	Douglas Metal Roofing	29 Ga. Rib	FL4406.1
RUBBER ROOF	Firestone Building Products	EPDM	FL5221.2
TRUCTURAL COMPONETS			
TRUSS PLATES	Mitek Industries	16, 18, & 20 GA Plates	FL2197-R1
WOOD CONNECTORS	Simpson Strong Tie	Straps and Anchors	FL474, FL1725, FL1218
			FL1463, FL1901, FL583
			FL503, FL1423
UPLIFT STRAPS	Douglas Metal	1 1/2" x 26 GA. Straps	SEE TEST REPORT
	Wesco Industries	1 1/2" x 26 GA. Straps	SEE TEST REPORT

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 24-6S-15-00513-005 **Building permit No.** 000027780

Use Classification MODULAR **Fire:** 0.00

Permit Holder SAME AS APPLICANT **Waste:** 0.00

Owner of Building NICOL BROOKS **Total:** 0.00

Location: 428 SW STALNAKER CT., FT. WHITE, FL

Date: 11/10/2009

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Columbia County Building Permit Application

For Office Use Only Application # 0904-30 Date Received 4/21/09 By GP Permit # 27780

Zoning Official BLK Date 24.04.09 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE 1ft abv RL River N/A Plans Examiner LO Date 4-23-09

Comments Existing MH to be removed 45 days of CO being issued

☐ NOC ☑ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS Fire Corr Road/Code

School = TOTAL ~~See Worksheet Memo~~ Exact Replace existing Dwelling