

Columbia County Building Permit Application

ck# 8048

For Office Use Only Application # 1204-38 Date Received 4-16-12 By UH Permit # 30120
 Zoning Official BLK Date 23 April 2012 Flood Zone X Land Use A-3 Zoning A-3
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner T.C. Date 4-23-12
 Comments _____
 NOC EH Deed or PA Site Plan State Road Info Well letter 911 Sheet Parent Parcel # _____
 Dev Permit # _____ In Floodway Letter of Auth. from Contractor F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Sub VF Form 732 Kalsoe
 Road/Code _____ School _____ = TOTAL (Suspended) Ellisville Water App Fee Paid

Septic Permit No. 12-0229-E Fax 888-769-0105

Name Authorized Person Signing Permit John D Harrington Phone 386 462 5323

Address 24015 NW 010 Bellamy RD High Springs FL 32643

Owners Name Timothy Hill Phone _____

911 Address 705 SW Truluck Terr High Springs FL 32643

Contractors Name John D Harrington Phone 386 462 5323

Address 12523 US HWY 441 Alachua FL 32615

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disosway P.Box 968 Lake City FL 32056 386-754-5419

Mortgage Lenders Name & Address N/A

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

Property ID Number 26-75-16-04335-012 R04335-000 Estimated Cost of Construction 12000

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions 47 South, TL on 27, TR on FRY Road, TL on 138 on TRULUCK Terr LOT ON LEFT

Number of Existing Dwellings on Property 1

Construction of 20x12 Addition Total Acreage 4.5 Lot Size 4.5

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 13'

Actual Distance of Structure from Property Lines - Front 300' Side 65' Side 215' Rear 250'

Number of Stories 1 Heated Floor Area 240' Total Floor Area 240' Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. CODE: Florida Building Code 2010 and the 2008 National Electrical Code. Page 1 of 2 (Both Pages must be submitted together.) Revised 3-15-12

spoke to JD Harrington 4-24-12
Spoke To JD on 4-25-12

Columbia County Building Permit Application

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

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

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

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

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

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

(Owners Must Sign All Applications Before Permit Issuance.)

Timothy Hill
Owners Signature ****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

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

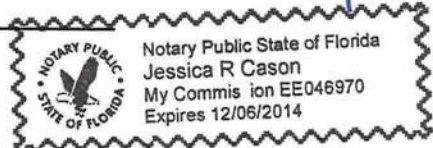
[Signature]
Contractor's Signature (Permittee)

Contractor's License Number CGE1516998
Columbia County
Competency Card Number 1163 ok

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 13 day of April 2012
Personally known ok or Produced Identification _____

Jessica R Cason
State of Florida Notary Signature (For the Contractor)

SEAL:





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

PERMIT NO. 12-0229-E
DATE PAID: 4-19-12
FEE PAID: 125.00
RECEIPT #:
12-PID-1841549
Ap# 1069555

APPLICATION FOR:

New System Existing System Holding Tank Innovative
 Repair Abandonment Temporary

APPLICANT: Timothy Hill

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: _____

PROPERTY ID #: 26-7S-16-04335-012 ZONING: Ag I/M OR EQUIVALENT: Y N

PROPERTY SIZE: 5 ACRES WATER SUPPLY: PRIVATE PUBLIC ≤ 2000 GPD > 2000 GPD

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

PROPERTY ADDRESS: 705 SW Truluck Terrace, Fort, White, FL, 32038

DIRECTIONS TO PROPERTY: 47 South through Fort White, TL on CR 138, After first sweeping right bare right onto Truluck Terr, 6/10th miles to driveway on left follow back to site on left

BUILDING INFORMATION

RESIDENTIAL COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SF Residential	3	1188	1188+240 = 1428 S/G TOTAL
2	ADDITION/SUNROOM	0	240	
3				

Floor/Equipment Drains Other (Specify) _____

SIGNATURE: Rocky D Ford DATE: 4/19/2012

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

RECEIVED
KSF

RECEIVED
4/19/2012

12-0229-e

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

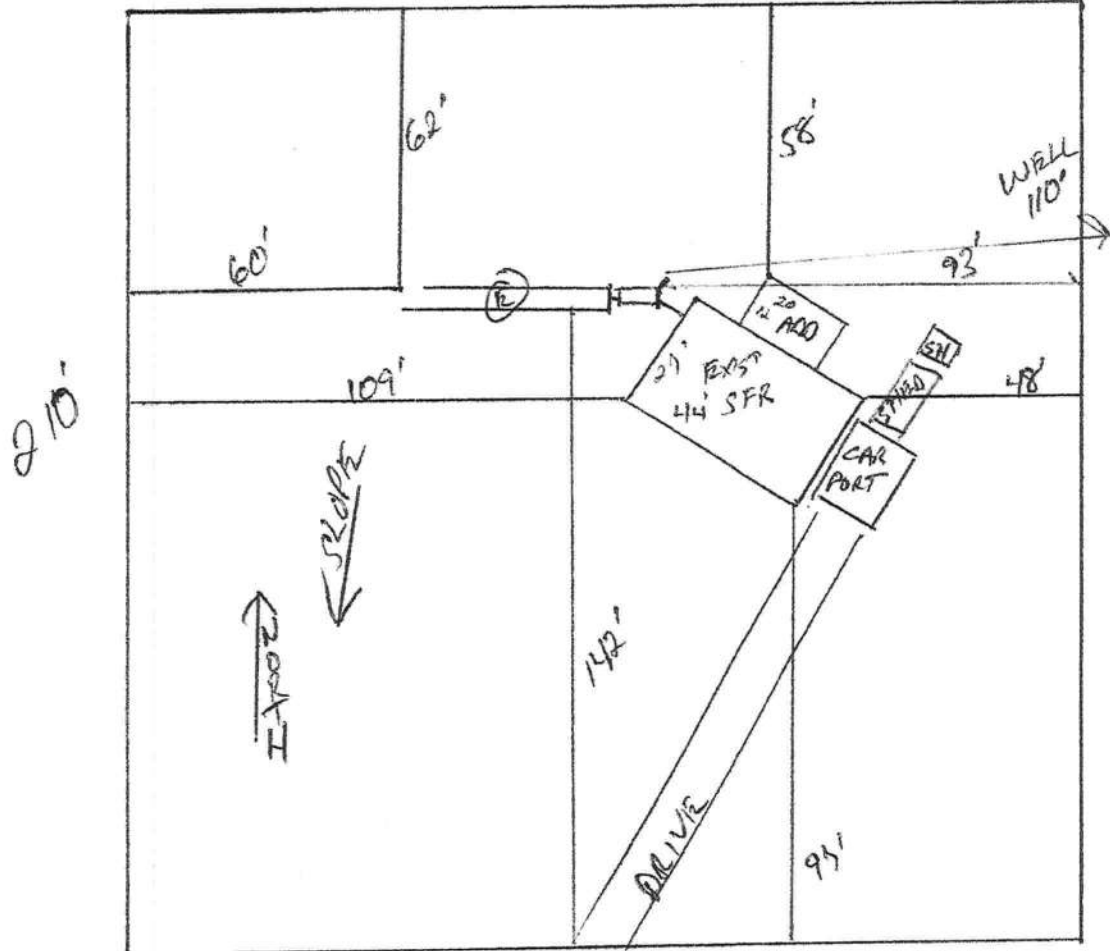
Permit Application Number _____

Hill

W+S → S

PART II - SITEPLAN ----- 210' -----

Scale: 1 inch = 40 feet.



Notes: 1 OF 5 ACRES SEE ATTACHED

Site Plan submitted by: Rocky D F D

Plan Approved X Not Approved _____

By: [Signature]

MASTER CONTRACTOR

Date 4/23/12

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

[Signature]

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1204-38 CONTRACTOR Harrington PHONE 386-462-5323

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

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

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

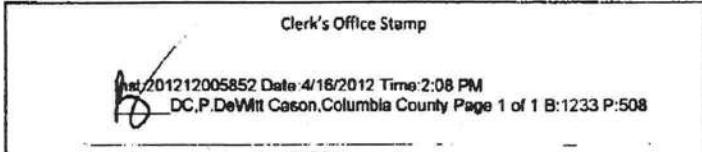
ELECTRICAL 379	Print Name <u>Dennis Cason</u> License #: <u>EC13001281</u>	Signature <u>Dennis Cason</u> Phone #:
MECHANICAL/A/C B 1102	Print Name <u>Greg Rhodes (Builders Air)</u> License #: <u>CAC 036941</u>	Signature <u>Greg Rhodes</u> Phone #:
PLUMBING/GAS 728	Print Name <u>Marion Kay VanDerbergh</u> License #: <u>LFC 1427326</u>	Signature <u>Marion Kay VanDerbergh</u> Phone #:
ROOFING 1153	Print Name <u>Bobby Campbell</u> License #: <u>CCC1326752</u>	Signature <u>Bobby Campbell</u> Phone #:
SHEET METAL	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
FIRE SYSTEM/SPRINKLER	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
SOLAR	Print Name <u>N/A</u> License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	<u>N/A</u>	David Roberts	David Roberts
CONCRETE FINISHER	<u>000310</u>	N/A <u>Carry Parrish</u>	<u>Carry Parrish</u>
FRAMING	<u>000019</u>	<u>Will Robinson</u>	<u>Will Robinson</u>
INSULATION	<u>000243</u>	<u>Bruce Spicer</u>	<u>Bruce Spicer</u>
STUCCO 732	<u>CRC1327122</u>	<u>Gerald Kelsae</u>	<u>Gerald Kelsae</u>
DRYWALL 732		<u>Same as</u>	
PLASTER 732		<u>Same as</u>	
CABINET INSTALLER		<u>House Craft, John D Harrington</u>	<u>John D Harrington</u>
PAINTING	<u>1163</u>	<u>John D Harrington</u>	<u>John D Harrington</u>
ACOUSTICAL CEILING		<u>N/A</u>	
GLASS		<u>N/A</u>	
CERAMIC TILE		<u>N/A</u>	
FLOOR COVERING	<u>1163</u>	<u>John D Harrington</u>	<u>John D Harrington</u>
ALUM/VINYL SIDING		<u>N/A</u>	
GARAGE DOOR		<u>N/A</u>	
METAL BLDG ERECTOR		<u>N/A</u>	

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

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number: _____



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

- 1. Description of property (legal description): B04335-000
- a) Street (job) Address: 705 SW Truluck Terr High Springs FL 32643
- 2. General description of improvements: Addition 20x12
- 3. Owner Information
 - a) Name and address: Timothy Hill
 - b) Name and address of fee simple titleholder (if other than owner): 705 SW Truluck Terr High Springs FL 32643
 - c) Interest in property: Addition
- 4. Contractor Information
 - a) Name and address: John D Herringshaw House Cra Ft Homes 12522 US Hwy 44 #12619 12132615
 - b) Telephone No.: 786 462 5323 Fax No. (Opt.) _____
- 5. Surety Information
 - a) Name and address: _____
 - b) Amount of Bond: _____
 - c) Telephone No.: _____ Fax No. (Opt.) _____
- 6. Lender
 - a) Name and address: _____
 - b) Phone No.: _____
- 7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
 - a) Name and address: _____
 - b) Telephone No.: _____ Fax No. (Opt.) _____
- 8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
 - a) Name and address: _____
 - b) Telephone No.: _____ Fax No. (Opt.) _____

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

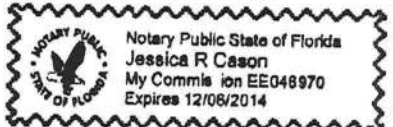
10. Timothy Hill
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Timothy Hill
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 13 day of April, 20 12, by: _____ as _____ (type of authority, e.g. officer, trustee, attorney

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

Personally Known OR Produced Identification Type _____

Notary Signature Jessica R Cason Notary Stamp or Seal: _____



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

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

Columbia County Property Appraiser

CAMA updated: 4/20/2012

2011 Tax Year

Parcel: 26-7S-16-04335-012

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	HILL TIMOTHY W		
Mailing Address	705 SW TRUELUCK TERRACE FORT WHITE, FL 32038		
Site Address	705 SW TRULUCK TER		
Use Desc. (code)	SINGLE FAM (000100)		
Tax District	3 (County)	Neighborhood	26716
Land Area	5.000 ACRES	Market Area	02
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
BEG AT SW COR OF NW 1/4 OF SE 1/4, RUN N 328.33 FT, E 663.39 FT, S 328.33 FT, W 663.34 FT TO POB. ORB 564-650, 672-433, 748-1092 878-1750, 900-1570, 989-785.			



Property & Assessment Values

2011 Certified Values		
Mkt Land Value	cnt: (0)	\$31,164.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (1)	\$63,648.00
XFOB Value	cnt: (5)	\$3,820.00
Total Appraised Value		\$98,632.00
Just Value		\$98,632.00
Class Value		\$0.00
Assessed Value		\$96,979.00
Exempt Value	(code: HX)	\$50,000.00
Total Taxable Value		Cnty: \$46,979 Other: \$46,979 Schl: \$71,979

2012 Working Values

NOTE:
2012 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)

Sales History

[Show Similar Sales within 1/2 mile](#)

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
6/10/2003	989/785	WD	V	U	07	\$30,000.00
3/3/2000	900/1570	WD	V	U	01	\$100.00
4/19/1999	878/1750	WD	V	U	01	\$0.00

Building Characteristics

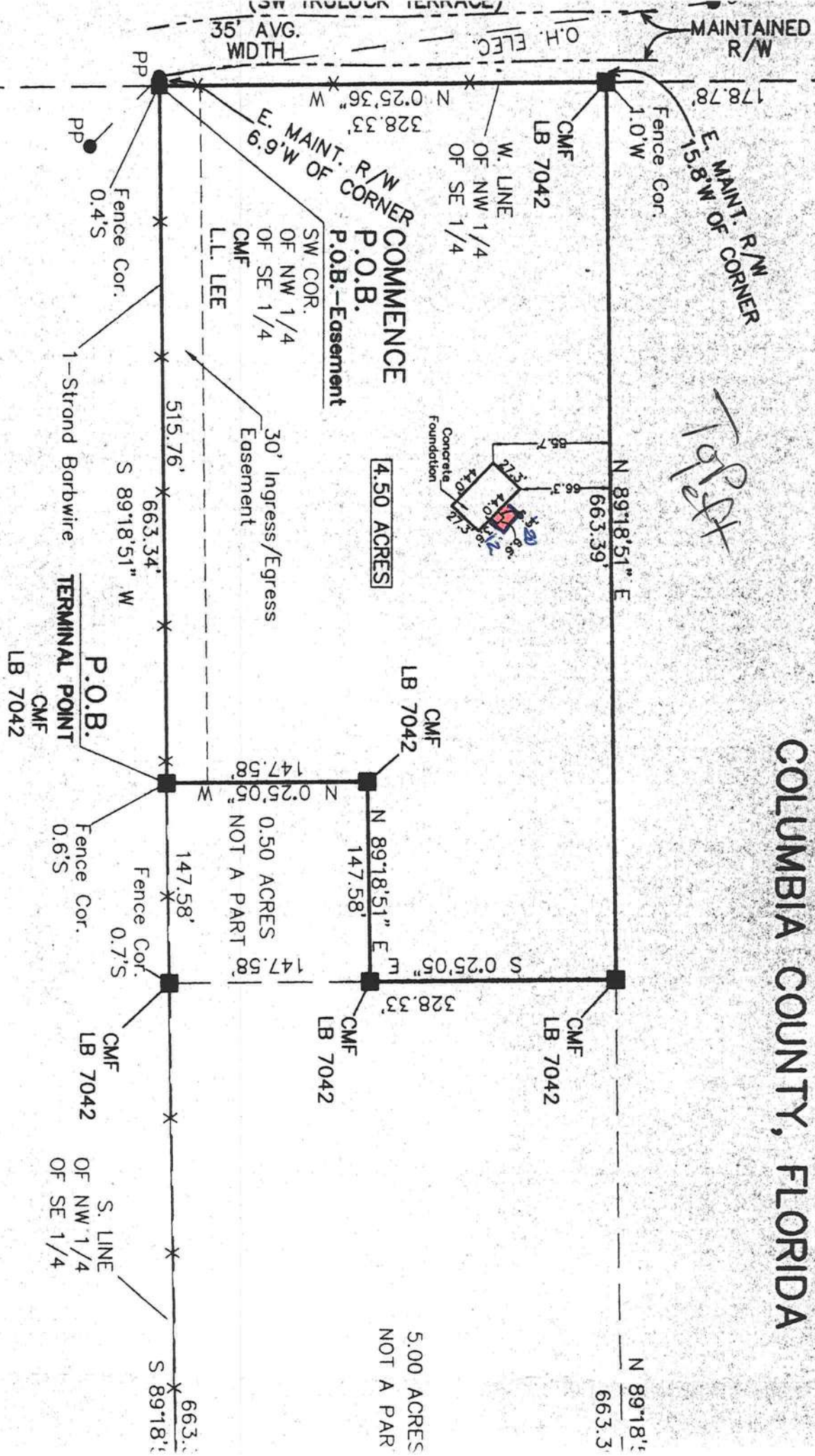
Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2004	CB STUCCO (17)	1188	1224	\$62,971.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2004	\$270.00	0000135.000	3 x 45 x 0	(000.00)
0294	SHED WOOD/	2010	\$800.00	0000001.000	0 x 0 x 0	(000.00)
0252	LEAN-TO W/	2010	\$50.00	0000001.000	0 x 0 x 0	(000.00)
0040	BARN,POLE	2010	\$1,500.00	0000001.000	0 x 0 x 0	(000.00)
0060	CARPORT F	2010	\$1,200.00	0000001.000	0 x 0 x 0	(000.00)

BOUNDARY SURVEY

IN SECTION 26, TOWNSHIP 7 SOUTH, RANGE 1
COLUMBIA COUNTY, FLORIDA



Top



Rick Scott
Governor

Steven L. Harris, M.D., M.Sc.
Interim State Surgeon General

April 23, 2012

(A & B CONSTRUCTION, Inc.)
P.O. BOX 39
Fort White, FL 32038

Hill

RE: Contingency Letter
Application Document No: AP1069555
Centrax Permit Number: 12-SC-1405524
OSTDS Number:
705 SW Turluck Ter
Fort White, FL 32038

Lot: Block: Subdivision:

Dear Applicant:

This will acknowledge receipt of an application dated 04/19/2012 for a permit to use an existing onsite sewage treatment and disposal system located on the above referenced property.

From a review of your completed application, it has been determined your existing system is adequate for the proposed use.

If you have any questions on this matter, please call our office at (386) 758-1058.

Sincerely,

Jeremy Gifford, Environmental Specialist

Enclosures
cc:

Julius Lee

RE: 413274 - HOUSECRAFT - HILL PORCH

**1109 Coastal Bay Blvd.
Boynton Beach, FL 33435**

Site Information:

Project Customer: HOUSECRAFT HOMES Project Name: 413274 Model: HILL PORCH
Lot/Block: Subdivision:
Address: 705 SW TRULUCK TERRACE
City: COLUMBIA CTY State: FL

Name Address and License # of Structural Engineer of Record, if there is one, for the building.

Name: JOHN D. HARRINGTON License #: CGC038861
Address: 24113 NW OLD BELLAMY RD
City: HIGH SPRINGS, State: FL

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2010/TPI2007 Design Program: MiTek 20/20 7.3
Wind Code: ASCE 7-10 Wind Speed: 130 mph Floor Load: N/A psf
Roof Load: 32.0 psf

This package includes 2 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.
This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

In the event of changes from Builder or E.O.R. additional coversheets and drawings may accompany this coversheet. The latest approval dates supersede and replace the previous drawings.

No.	Seal#	Truss Name	Date
1	I5412898	T01	4/13/012
2	I5412899	T01G	4/13/012



The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Builders FirstSource (Lake City).

Truss Design Engineer's Name: Julius Lee

My license renewal date for the state of Florida is February 28, 2013.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.



Job 413274	Truss T01	Truss Type COMMON	Qty 5	Ply 1	HOUSECRAFT - HILL PORCH	15412898
Builders FirstSource, Lake City, FL 32055					7,330 s Dec 20 2011 MiTek Industries, Inc. Fri Apr 13 08:11:01 2012 Page 1	
-2-0-0 2-0-0			5-11-5 5-11-5			10-0-0 4-0-11
14-0-11 4-0-11			20-0-0 5-11-5			22-0-0 2-0-0
ID_e_woU0lqL0EOoCjNrTuextzbfDB-JRwDGIIfU3QP4Sm4_kC1nqODEvHBBodmIW8bczRBYN						
Scale = 1/32						

Plate Offsets (X, Y): [2-0-2-9, 0-1-8], [6-0-2-9, 0-1-8], [8-0-4-0, 0-3-0]	
--	--

LOADING (psf)	SPACING	CSI	DEFLL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.34	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.62	Vert(LL) -0.12 8-14 >999 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.17	Vert(TL) -0.23 8-14 >999 180		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix-M)	Horz(TL) 0.03 6 n/a n/a		
				Weight: 91 lb	FT = 20%

LUMBER TOP CHORD 2x4 SPp No.2 BOT CHORD 2x4 SPp No.2 WEBS 2x4 SPp No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 5-4-14 oc purlins. BOT CHORD Rigid ceiling directly applied or 9-0-11 oc bracing. <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide. </div>
--	---

REACTIONS (lb/size) 2=628/0-7-8 (min. 0-1-8), 6=628/0-7-8 (min. 0-1-8)
 Max Horz 2=75(LC 16)
 Max Uplift 2=-195(LC 12), 6=-195(LC 13)
 Max Grav 2=748(LC 2), 6=748(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1157/627, 3-4=-799/502, 4-5=-798/502, 5-6=-1168/627
 BOT CHORD 2-8=-415/1395, 6-8=-418/1467
 WEBS 4-8=-279/465, 5-8=-321/296, 3-8=-321/296

NOTES (9-11)
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-10; 130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 3) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 5) * 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.
 6) All bearings are assumed to be SPp No.2 crushing capacity of 565 psi.
 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 195 lb uplift at joint 2 and 195 lb uplift at joint 6.
 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 10) Note: Visually graded lumber designation SPp, represents new lumber design values as per SPIB.
 11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 13, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE. Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. 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 ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435
---	---

Job 413274	Truss T01G	Truss Type GABLE	Qty 1	Ply 1	HOUSECRAFT - HILL PORCH	15412899		
Builders FirstSource, Lake City, FL 32055		7.330 s Dec 20 2011 Mitek Industries, Inc. Fri Apr 13 08:11:05 2012 Page 1 ID:e_woU0lqLOEOoCjNrTuextzbDB-j0bMuJkXm_o_xvUff7HvfQSusR2HOZ13SjkoBwzRBYK						
-2.0-0 2.0-0		10.0-0 10.0-0		20.0-0 10.0-0		22.0-0 2.0-0		
Scale = 1:40.3								
Plate Offsets (X, Y): [2.0-3-8,Edge], [2.0-2-8,Edge], [12.0-3-8,Edge], [12.0-2-8,Edge], [17.0-3-0-3-0]								
LOADING (psf)	SPACING 2.0-0	CSI	DEFLL	l/defl	L/d	PLATES	GRIP	
TCLL 20.0	Plates Increase 1.25	TC 0.44	Vert(LL) -0.03	13	n/r	120	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.09	Vert(TL) -0.04	13	n/r	120		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.08	Horz(TL) 0.00	12	n/a	n/a		
BCDL 5.0	Code FBC2010/TPI2007	(Matrix)						
Weight: 105 lb							FT = 20%	



April 13, 2012

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE. Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component. 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 ANSI/TPI Quality Criteria, D58-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	Julius Lee 1109 Coastal Bay Blvd. Boynton, FL 33435
--	---

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - HILL PORCH	15412899
413274	T01G	GABLE	1	1	Job Reference (optional)	
Builders FirstSource, Lake City, FL 32055		7.330 s Dec 20 2011 MiTek Industries, Inc. Fri Apr 13 08:11:05 2012 Page 2 ID:e_woU0lqL0EOoCjNrTuextzbfDB-j0bMuJKXm_o_xvUff7HvIQSusR2HOZ13SjkoBwzRBYK				
<p>LOAD CASE(S) Standard</p> <p>1) Regular: Lumber Increase=1.25, Plate Increase=1.25</p> <p>Uniform Loads (plf)</p> <p>Vert: 1-7=-65(F=-21), 7-13=-65(F=-21), 2-12=-10</p>						



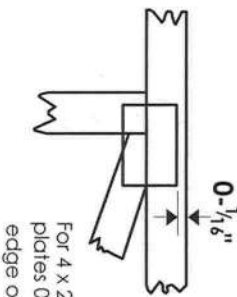
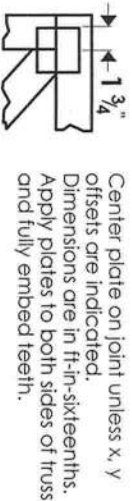
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. 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 **ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Symbols

PLATE LOCATION AND ORIENTATION



*Plate location details available in Mitek 20/20 software or upon request.

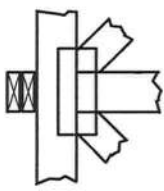
PLATE SIZE

4 X 4
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



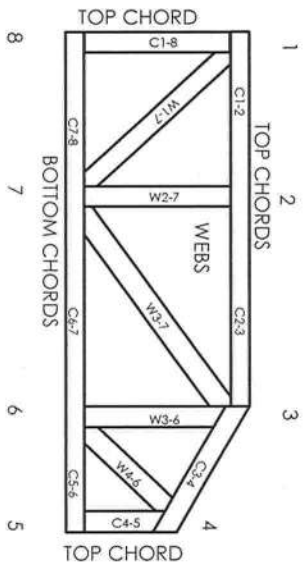
BEARING



Industry Standards:

- ANSI/FP11: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
- BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

- ICC-ES Reports:
- ESR-1311, ESR-1352, ER-5243, 9604B, 9730, 95-43, 96-31, 9667A
- NER-487, NER-561
- 95110, 84-32, 96-67, ER-3907, 9432A

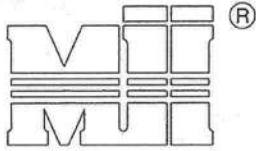
@ 2006 Mitek® All Rights Reserved

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
- Truss bracing must be designed by an engineer. For wide spacing, individual lateral braces themselves may require bracing, or alternative I, L or Eliminator bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and warps at joint locations are regulated by ANSI/FP 1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/FP 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing indicated on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of an engineer.
- Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- Design assumes manufacture in accordance with ANSI/FP 1 Quality Criteria.



MiTek Industries, Inc.

Note: T-Bracing / I-Bracing to be used when continuous lateral bracing is impractical. T-Brace / I-Brace must cover 90% of web length.

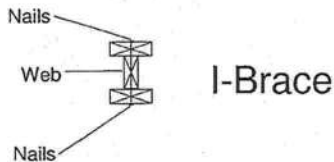
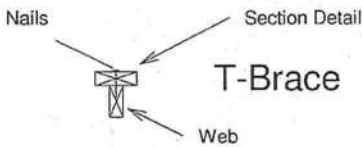
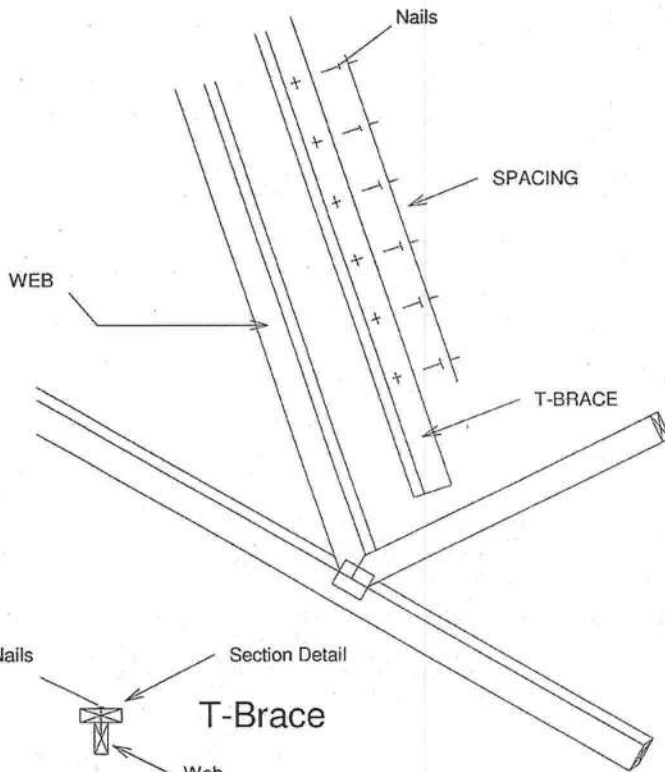
Note: This detail NOT to be used to convert T-Brace / I-Brace webs to continuous lateral braced webs.

Nailing Pattern		
T-Brace size	Nail Size	Nail Spacing
2x4 or 2x6 or 2x8	10d	6" o.c.

Note: Nail along entire length of T-Brace / I-Brace
(On Two-Ply's Nail to Both Plies)

Brace Size for One-Ply Truss		
Specified Continuous Rows of Lateral Bracing		
Web Size	1	2
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace
2x6	2x6 T-Brace	2x6 I-Brace
2x8	2x8 T-Brace	2x8 I-Brace

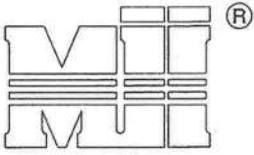
Brace Size for Two-Ply Truss		
Specified Continuous Rows of Lateral Bracing		
Web Size	1	2
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace
2x6	2x6 T-Brace	2x6 I-Brace
2x8	2x8 T-Brace	2x8 I-Brace



T-Brace / I-Brace must be same species and grade (or better) as web member.



1109 COASTAL BAY
BOYNTON BC, FL 33435



MiTek Industries, Inc.

NOTES:

1. TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF 45 DEGREES WITH THE MEMBER AND MUST HAVE FULL WOOD SUPPORT. (NAIL MUST BE DRIVEN THROUGH AND EXIT AT THE BACK CORNER OF THE MEMBER END AS SHOWN.)
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
3. ALLOWABLE VALUE SHALL BE THE LESSER VALUE OF THE TWO SPECIES FOR MEMBERS OF DIFFERENT SPECIES.

TOE-NAIL SINGLE SHEAR VALUES PER NDS 2001 (lb/nail)

	DIAM.	SYP	DF	HF	SPF	SPF-S
3.5" LONG	.131	88.0	80.6	69.9	68.4	59.7
	.135	93.5	85.6	74.2	72.6	63.4
	.162	108.8	99.6	86.4	84.5	73.8
3.25" LONG	.128	74.2	67.9	58.9	57.6	50.3
	.131	75.9	69.5	60.3	59.0	51.1
	.148	81.4	74.5	64.6	63.2	52.5

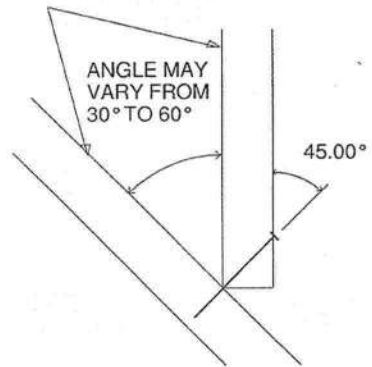
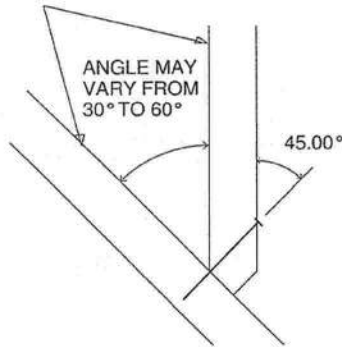
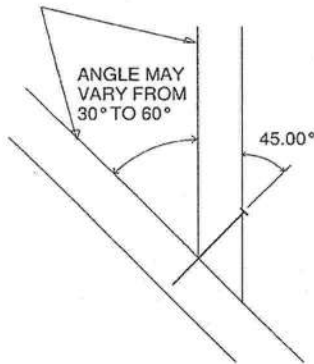
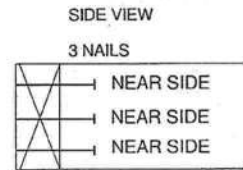
THIS DETAIL APPLICABLE TO THE THREE END DETAILS SHOWN BELOW

VIEWS SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY

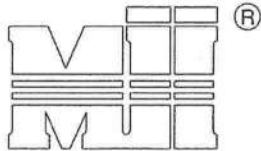
VALUES SHOWN ARE CAPACITY PER TOE-NAIL. APPLICABLE DURATION OF LOAD INCREASES MAY BE APPLIED.

EXAMPLE:
(3) - 16d NAILS (.162" diam. x 3.5") WITH SPF SPECIES BOTTOM CHORD

For load duration increase of 1.15:
3 (nails) X 84.5 (lb/nail) X 1.15 (DOL) = 291.5 lb Maximum Capacity

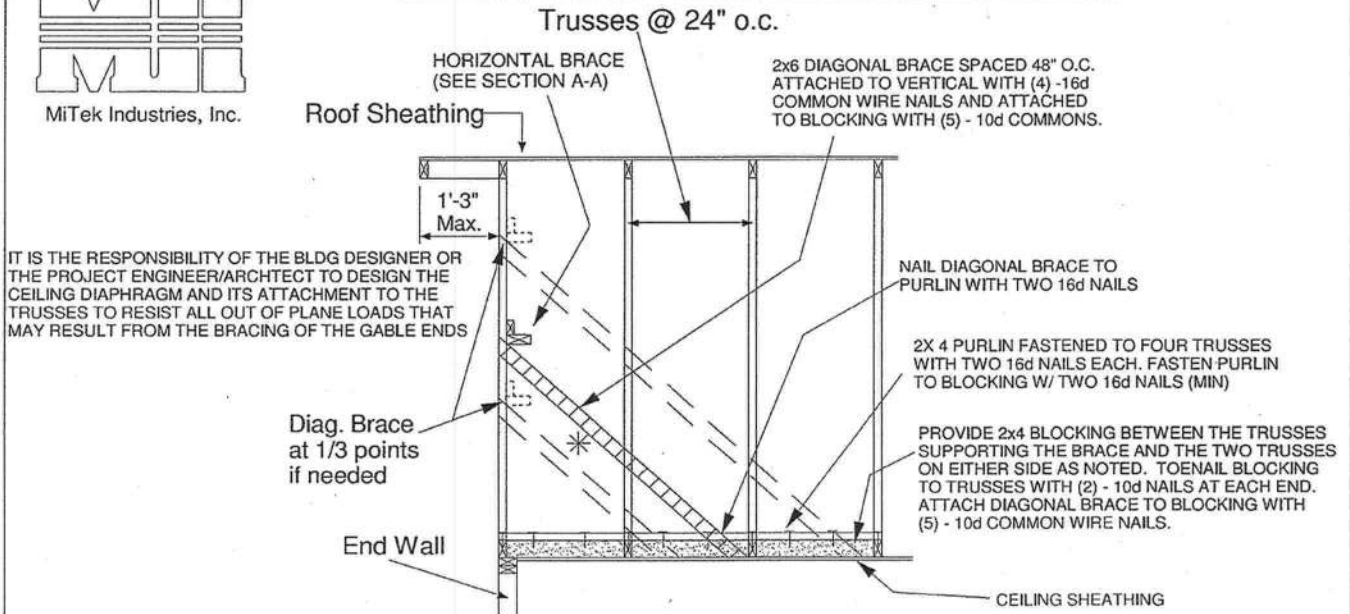


1109 COASTAL BAY
BOYNTON BC, FL 33435



MiTek Industries, Inc.

ALTERNATE DIAGONAL BRACING TO THE BOTTOM CHORD



IT IS THE RESPONSIBILITY OF THE BLDG DESIGNER OR THE PROJECT ENGINEER/ARCHITECT TO DESIGN THE CEILING DIAPHRAGM AND ITS ATTACHMENT TO THE TRUSSES TO RESIST ALL OUT OF PLANE LOADS THAT MAY RESULT FROM THE BRACING OF THE GABLE ENDS

BRACING REQUIREMENTS FOR STRUCTURAL GABLE TRUSSES

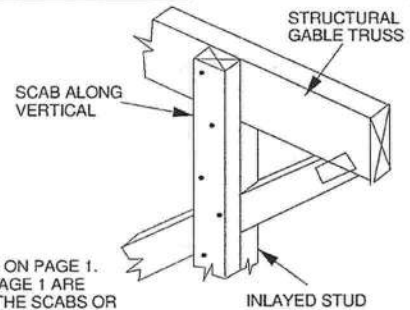
STRUCTURAL GABLE TRUSSES MAY BE BRACED AS NOTED:

METHOD 1 : ATTACH A MATCHING GABLE TRUSS TO THE INSIDE FACE OF THE STRUCTURAL GABLE AND FASTEN PER THE FOLLOWING NAILING SCHEDULE.

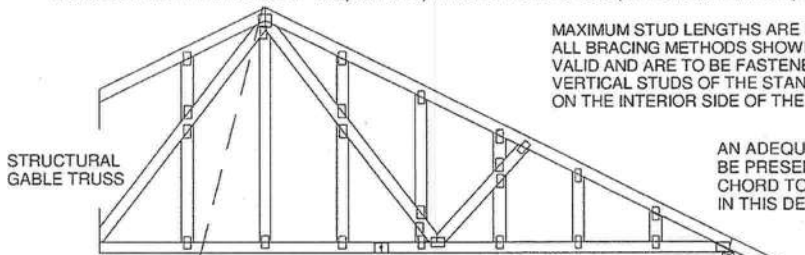
METHOD 2 : ATTACH 2X SCABS TO THE FACE OF EACH VERTICAL MEMBER ON THE STRUCTURAL GABLE PER THE FOLLOWING NAILING SCHEDULE. SCABS ARE TO BE OF THE SAME SIZE, GRADE AND SPECIES AS THE TRUSS VERTICALS

NAILING SCHEDULE:

- FOR WIND SPEEDS 120 MPH (ASCE 7-98, 02, 05), 150 MPH (ASCE 7-10) OR LESS, NAIL ALL MEMBERS WITH ONE ROW OF 10d (.131" X 3") NAILS SPACED 6" O.C.
- FOR WIND SPEEDS GREATER 120 MPH (ASCE 7-98, 02, 05), 150 MPH (ASCE 7-10) NAIL ALL MEMBERS WITH TWO ROWS OF 10d (.131" X 3") NAILS SPACED 6" O.C. (2X 4 STUDS MINIMUM)

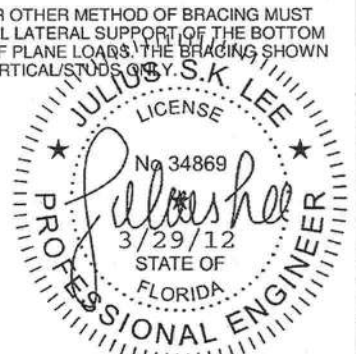
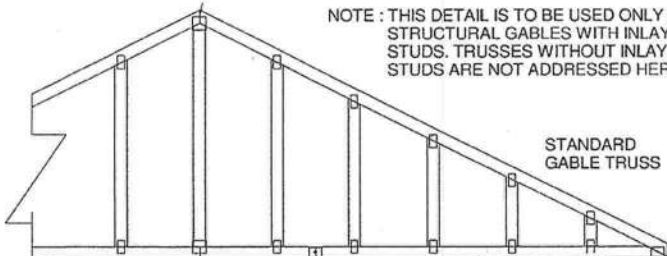


MAXIMUM STUD LENGTHS ARE LISTED ON PAGE 1. ALL BRACING METHODS SHOWN ON PAGE 1 ARE VALID AND ARE TO BE FASTENED TO THE SCABS OR VERTICAL STUDS OF THE STANDARD GABLE TRUSS ON THE INTERIOR SIDE OF THE STRUCTURE.



AN ADEQUATE DIAPHRAGM OR OTHER METHOD OF BRACING MUST BE PRESENT TO PROVIDE FULL LATERAL SUPPORT OF THE BOTTOM CHORD TO RESIST ALL OUT OF PLANE LOADS. THE BRACING SHOWN IN THIS DETAIL IS FOR THE VERTICAL STUDS ONLY.

NOTE : THIS DETAIL IS TO BE USED ONLY FOR STRUCTURAL GABLES WITH INLAYED STUDS. TRUSSES WITHOUT INLAYED STUDS ARE NOT ADDRESSED HERE.



1109 COASTAL BAY
BOYNTON BC, FL 33435

Permit # _____
 User ID _____

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)	X
1. EXTERIOR DOORS				
A. SWINGING	Masonite	Entry Door	FL8228.1	
B. SLIDING	HR Danvid	Glass Door	FL5600.1	
C. SECTIONAL/ROLL UP	Overhead Door	Garage door	FL 674	
D. OTHER				
2. WINDOWS				
A. SINGLE/DOUBLE HUNG	SILVERLINE	SINGLE	FL12068.4	
B. HORIZONTAL SLIDER				
C. CASEMENT				
D. FIXED	SLIVERLINE	FIXED	FL8063.1	
E. MULLION			FL8478.1	
F. SKYLIGHTS				
G. OTHER / GLASS BLOCK	Hy-Lite	Glass Block window	FL 1956.3	
3. PANEL WALL				
A. SIDING				
B. SOFFITS	Kaycan	Aluminum soffits	FL 1146.5	
C. STOREFRONTS				
D. GLASS BLOCK				
F. OTHER				
4. ROOFING PRODUCTS				
A. ASPHALT SHINGLES	Tamko	Heritage 38-R	FL 1956.3	
B. NON-STRUCT METAL				
C. ROOFING TILES				
D. SINGLE PLY ROOF				
E. OTHER				
5. STRUCT COMPONENTS				
A. WOOD CONNECTORS				
B. WOOD ANCHORS	Simpson	Truss anchors	1901.17 1901.45	
C. TRUSS PLATES			1901.25 1901.21	
D. INSULATION FORMS				
E. LINTELS	Cenemt Precast	Concrete lintels	FI 3048	
F. TRUSSES	Julius Lee	engineer	PE 34869	
6. NEW EXTERIOR ENVELOPE PRODUCTS				
A.				



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



 APPLICANT SIGNATURE

8-16-2012

 DATE

Project: Housecraft Hill					Room		A				
Location: Gainesville Florida					Running ft wall		44				
Indoor Heating Db		70	Outdoor 99% db		42 <th colspan="2">Ceiling Height</th> <td>8</td> <td></td> <td></td>	Ceiling Height		8			
Indoor Cooling db		75 <th colspan="2">Outdoor 1% db</th> <td>93 <th colspan="2">Gross Wall</th> <td>352</td> <td></td> <td></td> </td>	Outdoor 1% db		93 <th colspan="2">Gross Wall</th> <td>352</td> <td></td> <td></td>	Gross Wall		352			
Indoor Cooling RH		55%	Grains Differance		39 <th colspan="2">Square Feet</th> <td>240</td> <td></td> <td></td>	Square Feet		240			
Latitude		28 <th colspan="2">Elevation</th> <td>100 <th colspan="2">Cubic feet</th> <td>1920</td> <td>0</td> <td>0</td> </td>	Elevation		100 <th colspan="2">Cubic feet</th> <td>1920</td> <td>0</td> <td>0</td>	Cubic feet		1920	0	0	
Type of Exposure			Construction Number		Panel Faces	HTM		Area	Htg	Clg	L-Clg
						Htg	Clg				
6A	Windows Glass Doors	a	1D-h Dbl low E		N	15.96	24	40	638.4	960	
		b	1D-h Dbl low E		E/W	15.96	73	80	1276.8	5840	
		c	1D-h Dbl low E		S	15.96	38	44	702.24	1672	
		d							0	0	
		e							0	0	
6B	Skylights	a	8Ac-1 Metal singl			43.66	208		0	0	
		b	8Bc-1 Metal doubl			27.38	171		0	0	
7	Wood & Metal Doors	a	11-D Wood solid			14.43	12.09		0	0	
		b	11-J Metal fiber			22.2	18.6		0	0	
8	Above Grade Walls & Partitions	NET WALL						188			
		a	12C-Os R-13 frame			3.36	1.65		0	0	
		b	12E-Os r-19 frame			2.51	1.16		0	0	
		c	13A-5oc R-5 block			4.63	2.13	188	870.44	400.44	
		d							0	0	
9	Below Grade	a						0	0		
10	Ceilings	NET CEILINGS						240			
		a	16C-19 Vented attic			1.81	2.2		0	0	
		b	16C-30 Vented attic			1.19	1.44	240	285.6	345.6	
11	Floors	a	22A-ph slab no insul			1.358	0	44	59.752	0	
		b	20P-13 Garage craw			2.52	1.16		0	0	
12	Infiltration	a	5-A Semi tight A/C			26	14	164	4264	2296	0
		b							0	0	0
13	Internal loads	a	6A- Appliance load				1200		0	0	0
		b	Occupants		200	0	230	4	0	920	800
14	Subtotals							8097.23	12434	800	
15	Duct loads	a	7B-T Trunk branch		0	0.18	0.35		1457.5	4351.91	0
		b			0	0	0		0	0	0
16	Ventilation load				0	0	0		0	0	0
17	Winter Humid				0	0	0		0	0	0
18	Blower heat				0	0	0		0	0	0
19	Latent Migration				0	0	0		0	0	0
20	Total heating load	9554.73376						9554.73			
21	Total cooling sensible	16785.954							16786		
22	Total latent load	1600								1600	
23	Room CFM heating							600			
24	Room CFM cooling								600		
Builder's Air Of North Florida Inc.					Air Changes		128	ACCA MANUAL-J 8th EDITION			
5510 SW 41 Blvd. Gainesville, Florida 32608					Design CFM		600				
352-373-3111, 352-373-3144					Heating MTL		0.0628				
www.buildersair.com					Cooling MTL		0.03574				

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 82

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

, Fort White, FL,

<p>1. New construction or existing New (From Plans)</p> <p>2. Single family or multiple family Single-family</p> <p>3. Number of units, if multiple family 1</p> <p>4. Number of Bedrooms 3</p> <p>5. Is this a worst case? No</p> <p>6. Conditioned floor area (ft²) 1236</p> <p>7. Windows**</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Description</td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">Area</td> </tr> <tr> <td>a. U-Factor:</td> <td>DbI, U=0.55</td> <td style="text-align: center;">180.00 ft²</td> </tr> <tr> <td>SHGC:</td> <td>SHGC=0.60</td> <td></td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A</td> <td style="text-align: center;">ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A</td> <td style="text-align: center;">ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>d. U-Factor:</td> <td>N/A</td> <td style="text-align: center;">ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>e. U-Factor:</td> <td>N/A</td> <td style="text-align: center;">ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> </table> <p>8. Floor Types</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 15%;">Insulation</td> <td style="width: 15%;">Area</td> </tr> <tr> <td>b. N/A</td> <td>R=0.0</td> <td style="text-align: center;">1236.00 ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td style="text-align: center;">ft²</td> </tr> <tr> <td></td> <td>R=</td> <td style="text-align: center;">ft²</td> </tr> </table>	Description		Area	a. U-Factor:	DbI, U=0.55	180.00 ft ²	SHGC:	SHGC=0.60		b. U-Factor:	N/A	ft ²	SHGC:			c. U-Factor:	N/A	ft ²	SHGC:			d. U-Factor:	N/A	ft ²	SHGC:			e. U-Factor:	N/A	ft ²	SHGC:			a. Slab-On-Grade Edge Insulation	Insulation	Area	b. N/A	R=0.0	1236.00 ft ²	c. N/A	R=	ft ²		R=	ft ²	<p>9. Wall Types</p> <p>a. Concrete Block - Int Insul, Exterior R=11.0 1232.00 ft²</p> <p>b. N/A R= ft²</p> <p>c. N/A R= ft²</p> <p>d. N/A R= ft²</p> <p>10. Ceiling Types</p> <p>a. Under Attic (Vented) Insulation Area</p> <p>b. N/A R=30.0 1236.00 ft²</p> <p>c. N/A R= ft²</p> <p>11. Ducts</p> <p>a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 247.2 ft²</p> <p>12. Cooling systems</p> <p>a. Central Unit Cap: 36.0 kBtu/hr SEER: 15</p> <p>13. Heating systems</p> <p>a. Electric Heat Pump Cap: 36.0 kBtu/hr HSPF: 9</p> <p>14. Hot water systems</p> <p>a. Electric Cap: 40 gallons EF: 0.95</p> <p>b. Conservation features None</p> <p>15. Credits Pstat</p>
Description		Area																																												
a. U-Factor:	DbI, U=0.55	180.00 ft ²																																												
SHGC:	SHGC=0.60																																													
b. U-Factor:	N/A	ft ²																																												
SHGC:																																														
c. U-Factor:	N/A	ft ²																																												
SHGC:																																														
d. U-Factor:	N/A	ft ²																																												
SHGC:																																														
e. U-Factor:	N/A	ft ²																																												
SHGC:																																														
a. Slab-On-Grade Edge Insulation	Insulation	Area																																												
b. N/A	R=0.0	1236.00 ft ²																																												
c. N/A	R=	ft ²																																												
	R=	ft ²																																												



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 Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 energygauge.com 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.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: Housecraft Hill addition 04 2012 Street: City, State, Zip: Fort White , FL , Owner: Design Location: FL, Gainesville	Builder Name: Housecraft Permit Office: Permit Number: Jurisdiction:
--	---

<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">1. New construction or existing</td> <td style="width:40%;">New (From Plans)</td> <td style="width:30%;"></td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Single-family</td> <td></td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> <td></td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>3</td> <td></td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> <td></td> </tr> <tr> <td>6. Conditioned floor area (ft²)</td> <td>1236</td> <td></td> </tr> <tr> <td>7. Windows</td> <td>Description</td> <td>Area</td> </tr> <tr> <td>a. U-Factor:</td> <td>DbI, U=0.55</td> <td>180.00 ft²</td> </tr> <tr> <td>SHGC:</td> <td>SHGC=0.60</td> <td></td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>d. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>e. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>8. Floor Types</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R=0.0</td> <td>1236.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> </table>	1. New construction or existing	New (From Plans)		2. Single family or multiple family	Single-family		3. Number of units, if multiple family	1		4. Number of Bedrooms	3		5. Is this a worst case?	No		6. Conditioned floor area (ft ²)	1236		7. Windows	Description	Area	a. U-Factor:	DbI, U=0.55	180.00 ft ²	SHGC:	SHGC=0.60		b. U-Factor:	N/A	ft ²	SHGC:			c. U-Factor:	N/A	ft ²	SHGC:			d. U-Factor:	N/A	ft ²	SHGC:			e. U-Factor:	N/A	ft ²	SHGC:			8. Floor Types	Insulation	Area	a. Slab-On-Grade Edge Insulation	R=0.0	1236.00 ft ²	b. N/A	R=	ft ²	c. N/A	R=	ft ²	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">9. Wall Types</td> <td style="width:20%;">Insulation</td> <td style="width:50%;">Area</td> </tr> <tr> <td>a. Concrete Block - Int Insul, Exterior</td> <td>R=11.0</td> <td>1232.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>d. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>10. Ceiling Types</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Under Attic (Vented)</td> <td>R=30.0</td> <td>1236.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>11. Ducts</td> <td></td> <td></td> </tr> <tr> <td>a. Sup: Attic Ret: Interior AH: Interior Sup.</td> <td>R= 6,</td> <td>247.2 ft²</td> </tr> <tr> <td>12. Cooling systems</td> <td></td> <td></td> </tr> <tr> <td>a. Central Unit</td> <td>Cap: 36.0 kBtu/hr</td> <td>SEER: 15</td> </tr> <tr> <td>13. Heating systems</td> <td></td> <td></td> </tr> <tr> <td>a. Electric Heat Pump</td> <td>Cap: 36.0 kBtu/hr</td> <td>HSPF: 9</td> </tr> <tr> <td>14. Hot water systems</td> <td></td> <td></td> </tr> <tr> <td>a. Electric</td> <td>Cap: 40 gallons</td> <td>EF: 0.95</td> </tr> <tr> <td>b. Conservation features</td> <td>None</td> <td></td> </tr> <tr> <td>15. Credits</td> <td></td> <td>Pstat</td> </tr> </table>	9. Wall Types	Insulation	Area	a. Concrete Block - Int Insul, Exterior	R=11.0	1232.00 ft ²	b. N/A	R=	ft ²	c. N/A	R=	ft ²	d. N/A	R=	ft ²	10. Ceiling Types	Insulation	Area	a. Under Attic (Vented)	R=30.0	1236.00 ft ²	b. N/A	R=	ft ²	c. N/A	R=	ft ²	11. Ducts			a. Sup: Attic Ret: Interior AH: Interior Sup.	R= 6,	247.2 ft ²	12. Cooling systems			a. Central Unit	Cap: 36.0 kBtu/hr	SEER: 15	13. Heating systems			a. Electric Heat Pump	Cap: 36.0 kBtu/hr	HSPF: 9	14. Hot water systems			a. Electric	Cap: 40 gallons	EF: 0.95	b. Conservation features	None		15. Credits		Pstat
1. New construction or existing	New (From Plans)																																																																																																																								
2. Single family or multiple family	Single-family																																																																																																																								
3. Number of units, if multiple family	1																																																																																																																								
4. Number of Bedrooms	3																																																																																																																								
5. Is this a worst case?	No																																																																																																																								
6. Conditioned floor area (ft ²)	1236																																																																																																																								
7. Windows	Description	Area																																																																																																																							
a. U-Factor:	DbI, U=0.55	180.00 ft ²																																																																																																																							
SHGC:	SHGC=0.60																																																																																																																								
b. U-Factor:	N/A	ft ²																																																																																																																							
SHGC:																																																																																																																									
c. U-Factor:	N/A	ft ²																																																																																																																							
SHGC:																																																																																																																									
d. U-Factor:	N/A	ft ²																																																																																																																							
SHGC:																																																																																																																									
e. U-Factor:	N/A	ft ²																																																																																																																							
SHGC:																																																																																																																									
8. Floor Types	Insulation	Area																																																																																																																							
a. Slab-On-Grade Edge Insulation	R=0.0	1236.00 ft ²																																																																																																																							
b. N/A	R=	ft ²																																																																																																																							
c. N/A	R=	ft ²																																																																																																																							
9. Wall Types	Insulation	Area																																																																																																																							
a. Concrete Block - Int Insul, Exterior	R=11.0	1232.00 ft ²																																																																																																																							
b. N/A	R=	ft ²																																																																																																																							
c. N/A	R=	ft ²																																																																																																																							
d. N/A	R=	ft ²																																																																																																																							
10. Ceiling Types	Insulation	Area																																																																																																																							
a. Under Attic (Vented)	R=30.0	1236.00 ft ²																																																																																																																							
b. N/A	R=	ft ²																																																																																																																							
c. N/A	R=	ft ²																																																																																																																							
11. Ducts																																																																																																																									
a. Sup: Attic Ret: Interior AH: Interior Sup.	R= 6,	247.2 ft ²																																																																																																																							
12. Cooling systems																																																																																																																									
a. Central Unit	Cap: 36.0 kBtu/hr	SEER: 15																																																																																																																							
13. Heating systems																																																																																																																									
a. Electric Heat Pump	Cap: 36.0 kBtu/hr	HSPF: 9																																																																																																																							
14. Hot water systems																																																																																																																									
a. Electric	Cap: 40 gallons	EF: 0.95																																																																																																																							
b. Conservation features	None																																																																																																																								
15. Credits		Pstat																																																																																																																							

Glass/Floor Area: 0.146 Total As-Built Modified Loads: 25.58 **PASS**
 Total Baseline Loads: 31.06

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

PREPARED BY: *Greg R. Kelle*
 DATE: 4-11-12

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

OWNER/AGENT: _____
 DATE: _____

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



BUILDING OFFICIAL: _____
 DATE: _____

PROJECT

Title:	Housecraft Hill addition 04 20	Bedrooms:	3	Adress Type:	Street Address
Building Type:	FLAsBuilt	Conditioned Area:	1236	Lot #	
Owner:		Total Stories:	1	SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Housecraft	Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	Fort White , FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	154 ft	0	1236 ft²	0.3	0	0.7

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	1382 ft²	0 ft²	Medium	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1236 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1236 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Concrete Block - Int Insul	11	264 ft²		0	0.75
_____	2	E	Exterior	Concrete Block - Int Insul	11	352 ft²		0	0.75
_____	3	S	Exterior	Concrete Block - Int Insul	11	264 ft²		0	0.75
_____	4	W	Exterior	Concrete Block - Int Insul	11	352 ft²		0	0.75

DOORS

✓ #	Ornt	Door Type	Storms	U-Value	Area
1	N	Insulated	None	0.4	20 ft²
2	N	Insulated	None	0.4	20 ft²
3	E	Insulated	None	0.4	20 ft²
4	W	Insulated	None	0.4	20 ft²

WINDOWS

Orientation shown is the entered, asBuilt orientation.

✓ #	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
									Depth	Separation		
1	N	Metal	Low-E Double	Yes	0.55	0.6	N	15 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
2	E	Metal	Low-E Double	Yes	0.55	0.6	N	60 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
3	S	Metal	Low-E Double	Yes	0.55	0.6	N	20 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
4	S	Metal	Low-E Double	Yes	0.55	0.6	N	15 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
5	W	Metal	Low-E Double	Yes	0.55	0.6	N	40 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
6	W	Metal	Low-E Double	Yes	0.55	0.6	N	30 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

✓ Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation ---		Run Time	Fan
						Supply CFM	Exhaust CFM	Fraction	Watts
Default	0.00036	1167	7.08	64.1	120.5	0 cfm	0 cfm	0	0

COOLING SYSTEM

✓ #	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
1	Central Unit	Split	SEER: 15	36 kBtu/hr	1080 cfm	0.75	sys#1

HEATING SYSTEM

✓ #	System Type	Subtype	Efficiency	Capacity	Ducts
1	Electric Heat Pump	None	HSPF: 9	36 kBtu/hr	sys#1

HOT WATER SYSTEM

✓ #	System Type	EF	Cap	Use	SetPnt	Conservation
1	Electric	0.95	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

✓ #	--- Supply ---			--- Return ---		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
	Location	R-Value	Area	Location	Area						
1	Attic	6	247.2 ft	Interior	61.8 ft²	Default Leakage	Interior	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours											
		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Fort White, FL,	PERMIT #:
-----------------------------	-----------

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.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	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	