DATE 06/10/2010

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000028645

APPLICANT JOHN SCHWARTZ PHONE 365-8776

ADDRESS P.O. BOX 2200 HIGH SPRINGS FL 32655

OWNER JOHN SCHWARTZ PHONE 365-8776

ADDRESS 1294 SW NEWARK ROAD FT. WHITE FL 32038

CONTRACTOR OWNER BUILDER PHONE

LOCATION OF PROPERTY 47S, TR US 27, TL RIVERSIDE AVE., TL UTAH,TL NEWARK,
1 MILE ON RIGHT,5TH LOT BEFORE ILLINOIS ST.

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 82500.00

HEATED FLOOR AREA 1342.00 TOTAL AREA 1650.00 HEIGHT STORIES

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 16

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE F X DEVELOPMENT PERMIT NO.

PARCEL ID 25-6S-15-01218-096 SUBDIVISION 3 RIVERES ESSTATES

LOT 96 BLOCK PHASE UNIT 19 TOTAL ACRES 0.92

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

EXISTING	10-38	BK	HD	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: MFE @ 33', ELEVATION CONFIRMATION LETTER REQUIRED AT SLAB,
NOC ON FILE

Check # or Cash CASH

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 $ 415.00 CERTIFICATION FEE $ 8.25 SURCHARGE FEE $ 8.25

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 506.50

INSPECTORS OFFICE 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.

28645

Lake City • (386) 755-3633
Fax • (386) 752-5456

Jacksonville • (904) 381-8901
Fax • (904) 381-8902

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254

JOB NO.: 10-296
DATE TESTED: 7-23-10

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ✓ (D-2922) Nuclear _____ (D-2937) Drive Cylinder _____ Other

PROJECT: John Schwartz Res

CLIENT: John Schwartz

GENERAL CONTRACTOR: SAC EARTHWORK CONTRACTOR: Brian Timmerman

SOIL USE (SEE NOTE): 1 SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557): ✓ STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
1	S.E. Corner of pad 10'W x 12'N	12"	Pit	106.9	101.2	5.6	98
2	Approximate center of pad	12"	Pit	105.0	97.8	7.4	95
3	N.W. Corner of pad 10'E x 10'S	12"	Pit	107.6	102.3	5.1	99

REMARKS: _____

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
Pit	Richardson's Fy. White Pit - Light Brown Sand	103.1	10.8

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

Q0090

New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525
(exp. 02/29/2012)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential, therefore, no assurance of confidentiality is provided.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Company and builder, unless stated otherwise.

Section 1: General Information (Pest Control Company Information)

Company Name Aspen Pest Control, Inc.
Company Address P.O. Box 1785 City Lake City State FL Zip 32056
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name John Schwartz Phone No. 365-1928

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) John Schwartz 1249 Newark St. Ft. White, FL

Section 4: Service Information

Date(s) of Service(s) 8-10-2010
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____

Check all that apply:

☒ A. Soil Applied Liquid Termiticide
Brand Name of Termiticide: Maxy-Thor EPA Registration No. 83923-6
Approx. Dilution (%): .06 Approx. Total Gallons Mix Applied: 170 Treatment completed on exterior: ☐ Yes ☒ No

☐ B. Wood Applied Liquid Termiticide
Brand Name of Termiticide: _____ EPA Registration No. _____
Approx. Dilution (%): _____ Approx. Total Gallons Mix Applied: _____

☐ C. Bait System Installed
Name of System _____ EPA Registration No. _____ Number of Stations Installed _____

☐ D. Physical Barrier System Installed
Name of System _____ Attach installation information (required)

Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) C. Lacey Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All materials and methods used comply with state and federal regulations.

Authorized Signature C. Lacey Date 8-10-2010

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

(PC)

Columbia County Building Permit Application

(Cash)

For Office Use Only Application # 1002-20 Date Received 2/12/10 By G Permit # 28645

Zoning Official BLK Date 03.06.10 Flood Zone Floodable X Land Use A-3 Zoning A-3

FEMA Map # 0467 Elevation 33' MFE 33' River Santa Fe Plans Examiner HP Date 6-2-10

Comments Elevation conformation Letter Required at s/c/o

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

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

IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____

School _____ = TOTAL N/A Suspended ☑ Huss

Septic Permit No. 100038-N Fax _____

Name Authorized Person Signing Permit JOHN SCHWARTZ Phone 386-365-8776

Address PO Box 2200, HIGH SPRINGS, FL 32655

Owners Name JOHN SCHWARTZ & Robin Phone 386-365-8776

911 Address 1294 SW NEWARK ROAD, FORT WHITE, FL 32038

Contractors Name OWNER-BUILDER Phone 386-365-8776

Address PO Box 2200, HIGH SPRINGS, FL 32655

Fee Simple Owner Name & Address JOHN L SCHWARTZ

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address N/A

Mortgage Lenders Name & Address N/A

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

Property ID Number 00-00-00 01218-096 Estimated Cost of Construction $40,000.00

Subdivision Name THREE RIVERS ESTATES Lot 96 Block ___ Unit 19 Phase ___

Driving Directions 47S to HWY 27, TR to THREE RIVERS ESTATES TL to UTAH, TL to NEWARK, TR 1 mile to PROP ON RT 5 lots before Illinois St.

Number of Existing Dwellings on Property Ø

Construction of SFR FRAME Total Acreage .92 Lot Size 100x400

Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive) Total Building Height 16'6"

Actual Distance of Structure from Property Lines - Front 180' Side L=28' Side R=25' Rear 185'

Number of Stories 1 Heated Floor Area 1342 Total Floor Area 1650 Roof Pitch 12/6 12/3

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.

spoke to wife 6/8/10

left message 6/3/10 to call

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 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 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. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

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

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

_____
Contractor's Signature (Permitee)

Contractor's License Number_____
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)

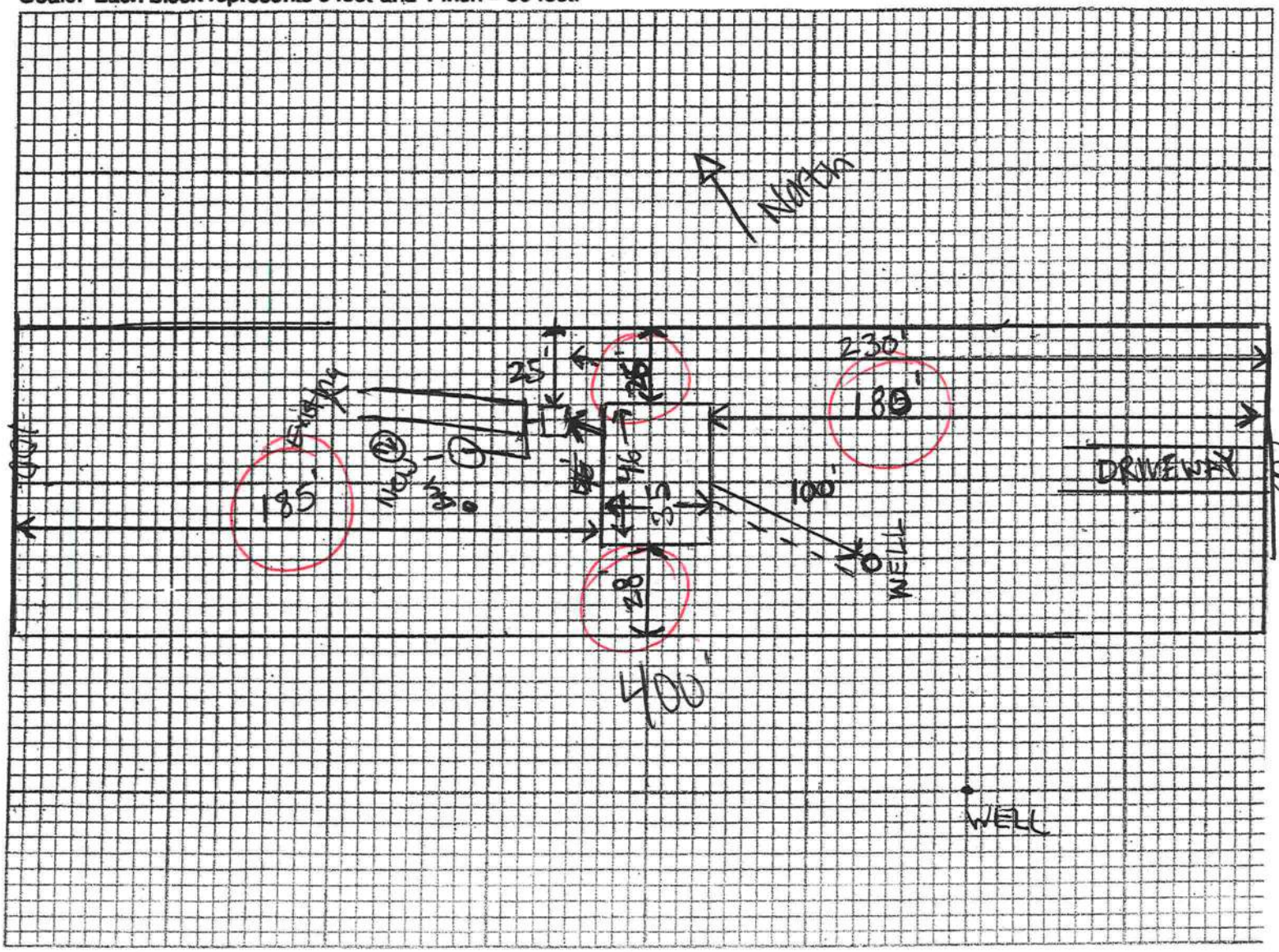
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 10-0038M

PART II - SITE PLAN

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



Notes: EXISTING PERMIT NO 06-0602N
ISSUED ~~TO~~ 1-18-2007 (FINAL APPROVAL)
WELL, SEPTIC, POWER AND CULVERT ALREADY ON SITE

Site Plan submitted by: _____ Signature OWNER Title

Plan Approved X Not Approved

By _____ Columbia CHD County Health Departme

Date 2/2/10

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

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COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 1/5/2006 **DATE ISSUED:** 1/17/2006

ENHANCED 9-1-1 ADDRESS:

1294 SW NEWARK DR
FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

00-00-00-01218-096

Remarks:

LOT 96, UNIT 19; THREE RIVERS ESTATES S/D

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

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

11

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

This Instrument Prepared By:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, Florida 32055
ATS# 16615

Inst:200712016532 Date:7/24/2007 Time:2:09 PM
Doc Stamp-Deed:245.00
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

GENERAL WARRANTY DEED

Individual to Individual (or Corporation/LLC)

This Warranty Deed made this 19th day of July, 2007 by

John W. Browning, and his wife, Phyllis A. Browning

hereinafter called the Grantor, to

John L. Schwartz, A Married Person,

whose post office address is P.O. BOX 2200, HIGH SPRINGS, FL 32655, hereinafter called the Grantee.

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of Individuals, and the successors and assigns of Corporation.)

The Grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, unto the Grantee all that certain land, situate in Columbia County, Florida, viz: TAX ID: R01218-096 :

Lot 96, of Three Rivers Estates, Unit 19, a subdivision according to the map or plat thereof as recorded in Plat Book 6, Page 13, of the Public Records of Columbia County, Florida.

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

To have and to hold, the same in fee simple forever.

And the Grantor hereby convenants 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, and hereby 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.

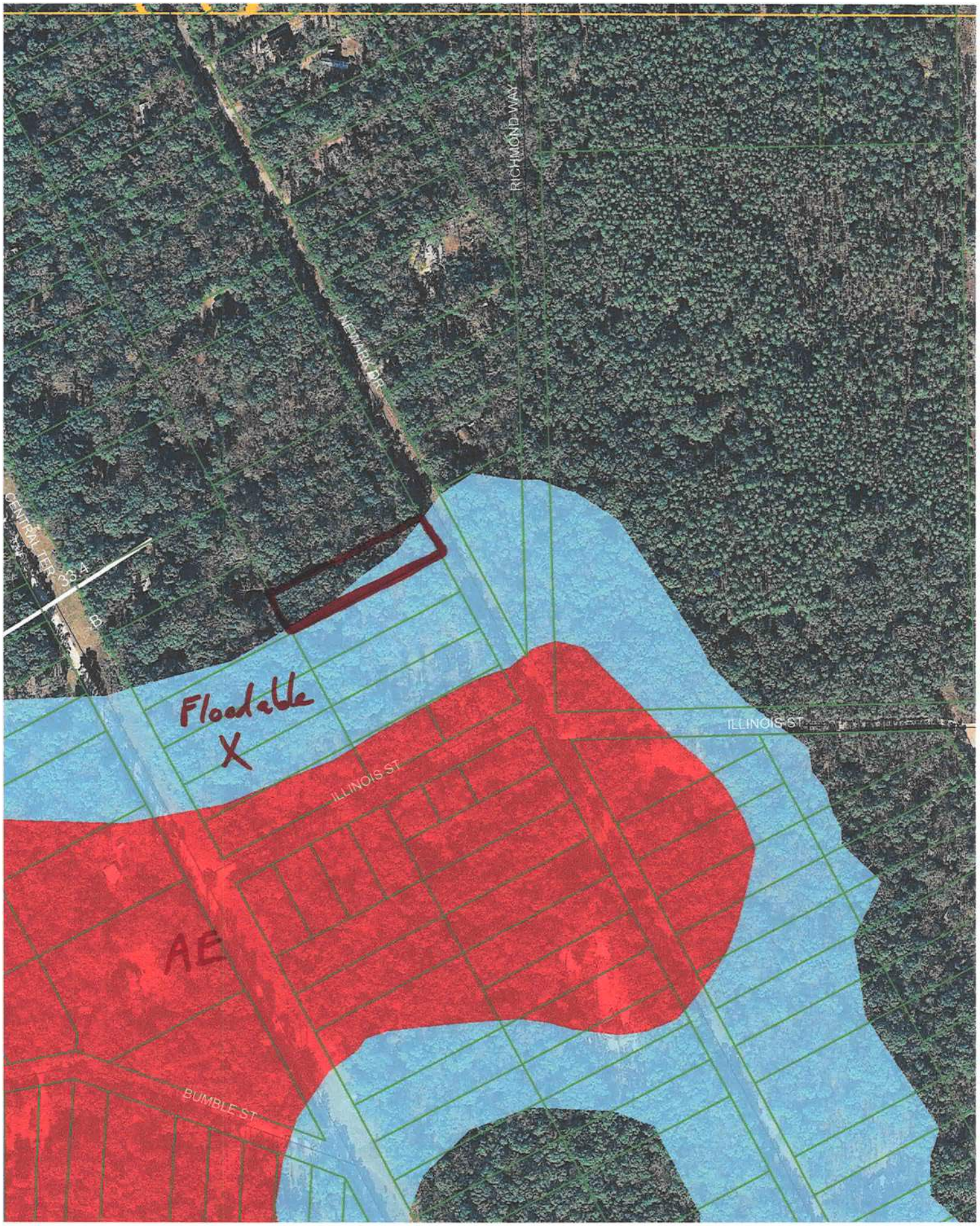
In witness whereof, the said Grantor has signed and sealed these presents the day and year first above written.

Fania Cabrera
WITNESS
Printed Name: Fania Cabrera

Sheila M. Evans
WITNESS
Printed Name: Sheila M. EVANS

John W. Browning
John W. Browning

Phyllis A. Browning
Phyllis A. Browning


RICHMOND WAY
NEWARK DR
CENTRAL TER
ILLINOIS ST
ILLINOIS ST
BUMBLE ST
Floodable
X
AE

1005-20

Columbia County Property Appraiser

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

PARCEL: 00-00-00-01218-096 - VACANT (000000)

LOT 96 THREE RIVERS ESTATES UNIT 19. ORB 739-943 WD 1030-531, WD 1033-2611, WD 1126-218

Name: SCHWARTZ JOHN L

Site: 1294 SW NEWARK DR

Mail: P O BOX 2200
HIGH SPRINGS, FL 32655

Sales			
Info	7/19/2007	$35,000.00	V / U
	12/15/2004	$11,000.00	V / Q

2009 Certified Values

Land	$19,000.00
Bldg	$0.00
Assd	$19,000.00
Exmpt	$0.00
Taxbl	Cnty: $19,000 Other: $19,000 | Schl: $19,000

NOTES:

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

OWNER BUILDER DISCLOSURE STATEMENT

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed $75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased with in 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

I understand that I 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 my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at 850-487-1395 or Internet website address http://www.myflorida.com/dbpr/pro/cilb/index.html for more information about licensed contractors.

I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

_____.

I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual of firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of $300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of $100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

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

( ) Addition, Alteration, Modification or other Improvement

( ) Commercial, Cost of Construction_____ Construction of_____

( ) Other_____

I JOHN SCHWARTZ, 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 allowing this exception for the construction permitted by Columbia County Building Permit.

_____ 12-21-09

Owner Builder Signature Date

NOTARY OF OWNER BUILDER SIGNATURE

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

Notary Signature _____ Date 2/12/10 (Seal)

GALE TEDDER
MY COMMISSION # DD 805686
EXPIRES: July 14, 2012
Bonded Thru Notary Public Underwriters

FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner builder has been given notice of the restriction stated above.

Building Official/Representative_____

Revised: 7-23-09
DISCLOSURE STATEMENT 09
Documents: B&Z Forms

Inst:201012002193 Date:2/12/2010 Time:2:59 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1189 P:234

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 01218-096

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

1. Description of property *(legal description)*: LOT 96 OF THREE RIVERS ESTATES, UNIT 19
   a) Street *(job)* Address: 1294 SW NEWARK ROAD, FT WHITE
2. General description of improvements:
3. Owner Information
   a) Name and address: JOHN SCHWARTZ, PO BOX 2200, HIGH SPRINGS, FL 32655
   b) Name and address of fee simple titleholder (if other than owner)
   c) Interest in property OWNER
4. Contractor Information
   a) Name and address: N/A
   b) Telephone No.: Fax No. (Opt.)
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond:
   c) Telephone No.: Fax No. (Opt.)
6. Lender
   a) Name and address: N/A
   b) Phone No.
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: ROBIN SCHWARTZ, PO BOX 2200 HIGH SPRINGS, FL 32655
   b) Telephone No.: 386-365-8776 Fax No. (Opt.) 386-462-3848
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: ROBIN SCHWARTZ, PO BOX 2200, HIGH SPRINGS, FL 32655
   b) Telephone No.: 386-365-8776 Fax No. (Opt.)
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**:

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

ROBIN A SCHWARTZ
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 12th day of FEB., 20 10, by:
Robin Schwartz 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 DL

Notary Signature Gale Tedder Notary Stamp or Seal:

GALE TEDDER
MY COMMISSION # DD 805686
EXPIRES: July 14, 2012
Bonded Thru Notary Public Underwriters

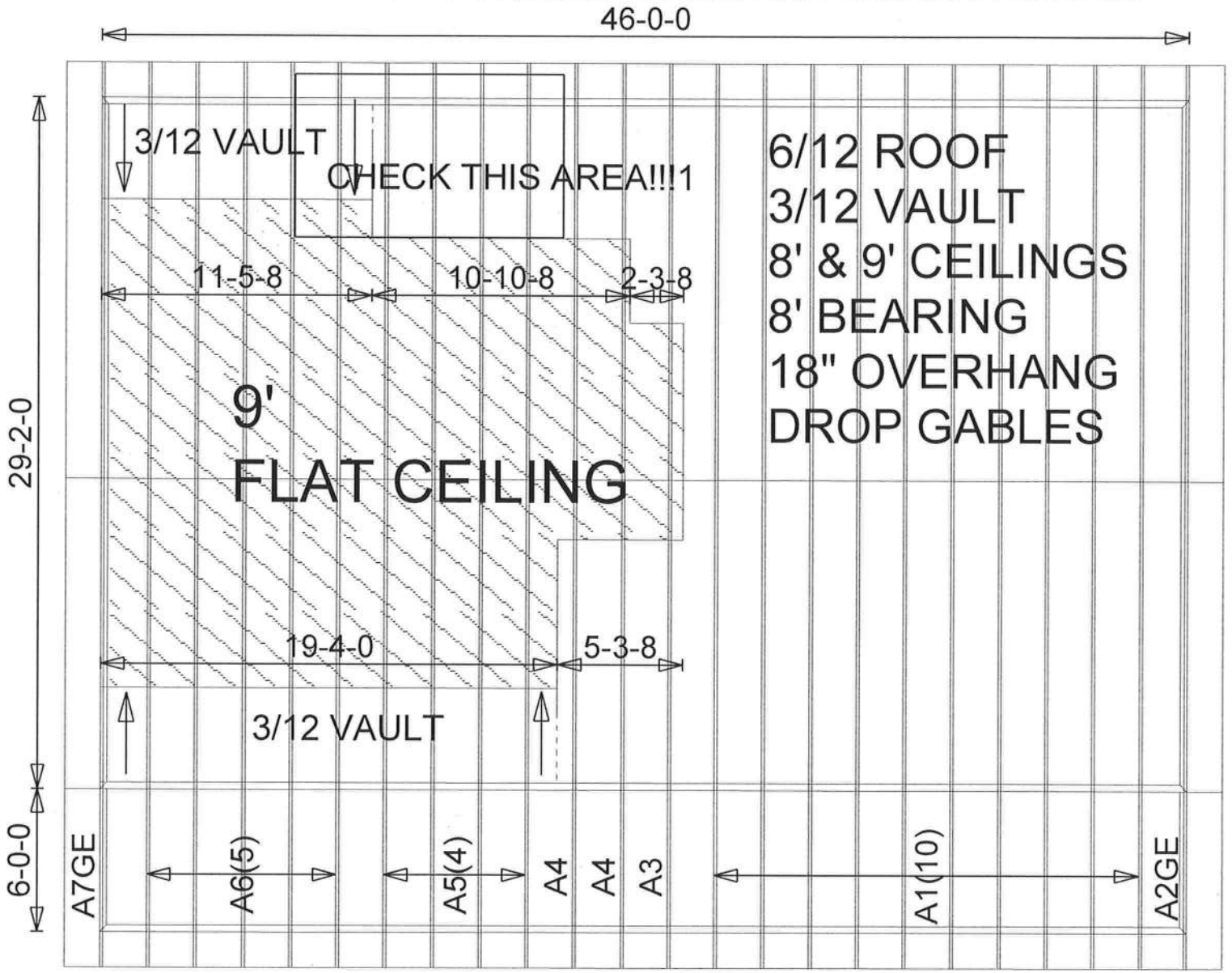
—AND—

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

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

ROBIN A SCHWARTZ

VERIFY LAYOUT,DIMENSIONS AND TRUSS PROFILES



****I/WE HAVE REVIEWED LAYOUT,DIMENSIONS AND TRUSS PROFILES AND ACCEPT PACKAGE AS SUBMITTED.

NAME_____ DATE_____

SIGNATURE_____

****REVISIONS NEEDED****

Mayo Truss Co. Inc.
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

SCHWARTZ
REVISION #1
FT.WHITE

120 MPH ASCE WIND LOAD

Roof Loading
TC Live: 20.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 10.00 psf
TC Stress Inc: 25.00
BC Stress Inc: 25.00
Spacing: 2- 0- 0 o.c.

Account: INDIVIDUAL
Job: SCHWARTZ-REV1
Designer: C. LITTLE
Checker:
Date: 05-06-10

RE: SCHWARTZ-REV1 -

MiTek Industries, Inc.
6904 Parke East Boulevard
Tampa, FL 33610-4115

Site Information:
Customer Info: SCHWARTZ Model: SCWARTZ-REVISION 1
Lot/Block: . Subdivision: .
Address: .
City: FT WHITE State: FLORIDA

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2007 Design Program: Robbins OnLine Plus 26.5.027
Wind Code: ASCE 7-05 Wind Speed: 120 mph Floor Load: N/A psf
Roof Load: 40.0 psf

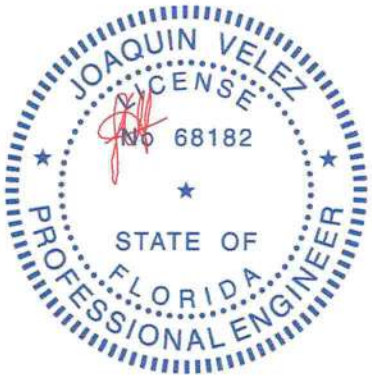
This package includes 7 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T3731978	A1	5/4/010
2	T3731979	A2GE	5/4/010
3	T3731980	A3	5/4/010
4	T3731981	A4	5/4/010
5	T3731982	A5	5/4/010
6	T3731983	A6	5/4/010
7	T3731984	A7GE	5/4/010

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2011.

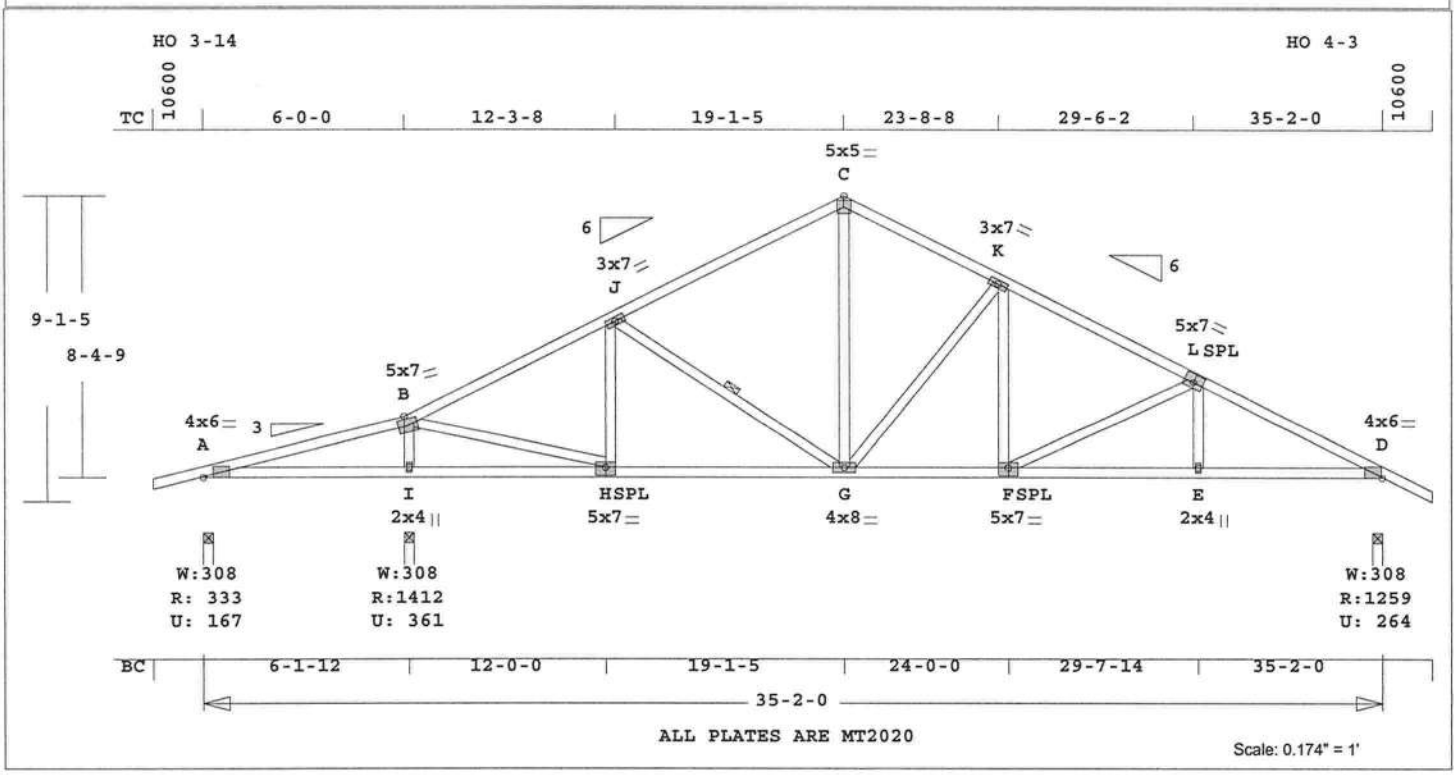
NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.



FL Cert. 6634
May 4,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
SCHWARTZ-REV1	A1	10	PCH3	350200	6	1- 6- 0	1- 6- 0	T3731978

SCWARTZ-REVISION 1



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 238.0 LBS

Online Plus -- Version 26.5.027
RUN DATE: 04-MAY-10

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.40	2x 4	SP-#2
WB	0.47	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 2- 0
BC	Cont.	0- 0- 0	35- 2- 0

One Continuous Lateral Brace
J -G
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	333	168 U	184 R
I	1413	361 U	
D	1260	264 U	196 R

Jt	Brg Size	Required
A	3.5"	1.5"
I	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -B	0.34	162 T	0.00	0.34
B -J	0.52	1378 C	0.11	0.41
J -C	0.51	1170 C	0.10	0.41
C -K	0.36	1165 C	0.11	0.25
K -L	0.40	1577 C	0.13	0.27
L -D	0.43	2068 C	0.16	0.27
Bottom Chords				
A -I	0.29	77 C	0.00	0.29
I -H	0.27	117 C	0.01	0.26
H -G	0.33	1233 T	0.20	0.13
G -F	0.36	1410 T	0.23	0.13
F -E	0.40	1852 T	0.31	0.09
E -D	0.37	1852 T	0.31	0.06
Webs				
I -B	0.12	1228 C		
B -H	0.28	1163 T		
H -J	0.05	226 T		
J -G	0.06	269 T		1 Br
G -C	0.42	698 T		
G -K	0.47	577 C		
F -K	0.06	360 T		
F -L	0.30	490 C		
E -L	0.03	221 T		

TL Defl -0.09" in A -I L/755
LL Defl -0.04" in A -I L/999
Shear // Grain in J -C 0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.44
B	MT20	5.0x 7.0	1.5	0.4	0.74
J	MT20	3.0x 7.0	Ctr	Ctr	0.26
C	MT20	5.0x 5.0	Ctr	Ctr	0.34
K	MT20	3.0x 7.0	Ctr	Ctr	0.34
L	MT20	5.0x 7.0	0.2	0.5	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.54
I	MT20	2.0x 4.0	Ctr	Ctr	0.70
H	MT20	5.0x 7.0	Ctr	-0.5	0.59
G	MT20	4.0x 8.0	Ctr	Ctr	0.26
F	MT20	5.0x 7.0	Ctr	-0.5	0.39
E	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

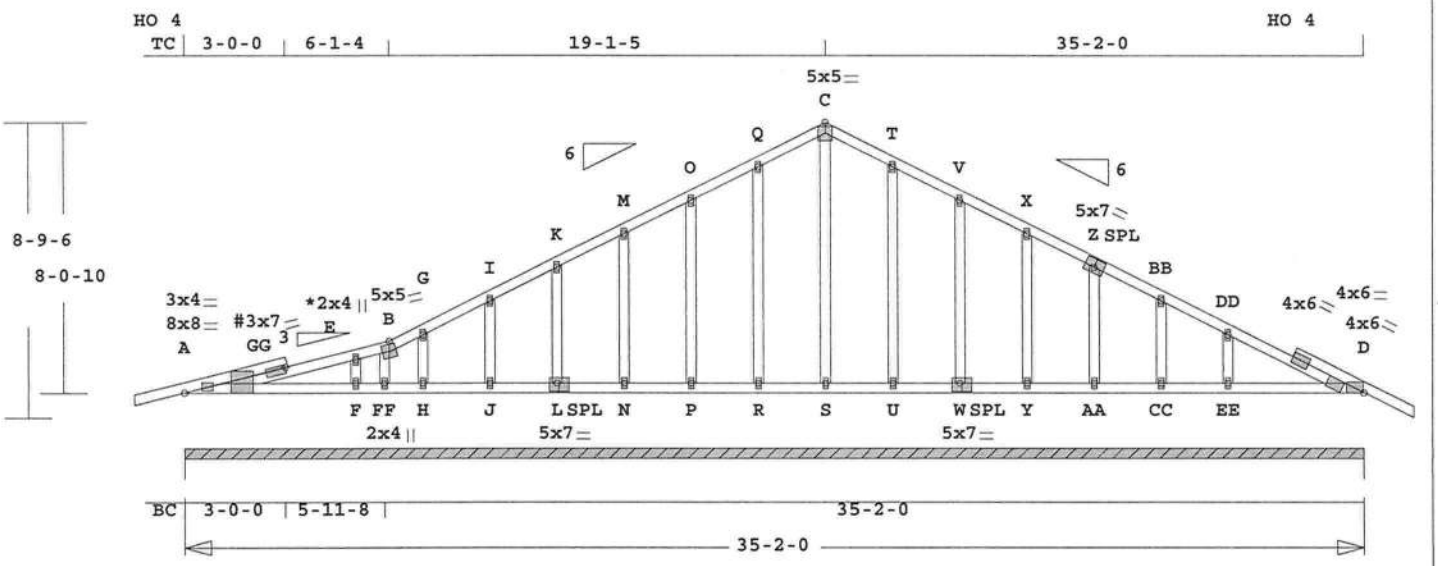
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 6- 1-12
Max comp. force 2068 Lbs
Max tens. force 1852 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

May 4,2010

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
SCHWARTZ-REV1	A2GE	1	PCH3	350200	6	0	0	T3731979

SCWARTZ-REVISION 1



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

See Joint E For Typical Gable Plate Size and Placement

Scale: 0.174" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 261.3 LBS

```
Online Plus -- Version 26.5.027
RUN DATE: 04-MAY-10

     CSI -Size- ----Lumber----
TC  0.19  2x 4  SP-#2
BC  0.14  2x 4  SP-#2
WB  0.01  2x 4  SP-#2
GW  0.10  2x 4  SP-#2

Brace truss as follows:
      O.C.     From      To
 TC  Cont.    0- 0- 0 35- 2- 0
 BC  Cont.    0- 0- 0 35- 2- 0

psf-Ld  Dead  Live
TC       10.0  20.0
BC       10.0   0.0
TC+BC    20.0  20.0
Total    40.0   Spacing  24.0"
Lumber Duration Factor  1.25
Plate  Duration Factor  1.25
TC Fb=1.15  Fc=1.10  Ft=1.10
BC Fb=1.10  Fc=1.10  Ft=1.10

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A   2909   604 U   189 R

Jt   Brg Size   Required
A     422.0"     0"-to- 422"

Plus  9 Wind Load Case(s)
Plus  1 UBC LL Load Case(s)
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -GG 0.15   200 C  0.00  0.15
GG-E  0.19   198 C  0.00  0.19
E -B  0.19   141 C  0.00  0.19
B -G  0.02   155 C  0.00  0.02
G -I  0.03   100 C  0.00  0.03
I -K  0.03    80 C  0.00  0.03
K -M  0.03    67 C  0.00  0.03
M -O  0.04   133 T  0.01  0.03
O -Q  0.06   202 T  0.02  0.04
Q -C  0.07   279 T  0.03  0.04
C -T  0.07   293 T  0.03  0.04
T -V  0.06   230 T  0.02  0.04
V -X  0.05   160 T  0.02  0.03
X -Z  0.04    93 T  0.01  0.03
Z -BB 0.03    71 C  0.00  0.03
BB-DD 0.11   116 C  0.00  0.11
DD-D  0.11   200 C  0.00  0.11
--------Bottom Chords---------
A -F  0.14    74 C  0.00  0.14
F -FF 0.12     0 T  0.00  0.12
FF-H  0.01     0 T  0.00  0.01
H -J  0.02     0 T  0.00  0.02
J -L  0.02     0 T  0.00  0.02
L -N  0.02     0 T  0.00  0.02
N -P  0.02     0 T  0.00  0.02
P -R  0.02     0 T  0.00  0.02
R -S  0.02     0 T  0.00  0.02
S -U  0.02     0 T  0.00  0.02
U -W  0.02     0 T  0.00  0.02
W -Y  0.02     0 T  0.00  0.02
Y -AA 0.02     0 T  0.00  0.02
AA-CC 0.02     0 T  0.00  0.02
CC-EE 0.06     0 T  0.00  0.06
EE-D  0.14    20 T  0.00  0.14
------------Webs-------------
FF-B  0.01    99 C
----------Gable Webs----------
F -E  0.04   306 C
H -G  0.01   109 T
J -I  0.01   136 T
L -K  0.02   130 T
N -M  0.04   131 T
P -O  0.06   143 T
R -Q  0.08   210 T
S -C  0.10   116 C
U -T  0.08   211 T
W -V  0.06   142 T
Y -X  0.04   129 T
AA-Z  0.02   138 T
CC-BB 0.01   105 T
EE-DD 0.03   239 T

TL Defl  -0.02" in A -F  L/999
LL Defl  -0.01" in A -F  L/999
Shear // Grain  in GG-E   0.19

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X    Y    JSI
A  MT20  8.0x 8.014.1 2.1  0.41
A  MT20  3.0x 4.0 Ctr Ctr  0.00
GG#MT20  3.0x 7.0-2.3-1.1  0.59
E  MT20  2.0x 4.0 Ctr Ctr  0.00
B  MT20  5.0x 5.0 Ctr Ctr  0.48
G  MT20  2.0x 4.0 Ctr Ctr  0.00
I  MT20  2.0x 4.0 Ctr Ctr  0.00
K  MT20  2.0x 4.0 Ctr Ctr  0.00
M  MT20  2.0x 4.0 Ctr Ctr  0.00
O  MT20  2.0x 4.0 Ctr Ctr  0.00
Q  MT20  2.0x 4.0 Ctr Ctr  0.00
C  MT20  5.0x 5.0 Ctr Ctr  0.34
T  MT20  2.0x 4.0 Ctr Ctr  0.00
V  MT20  2.0x 4.0 Ctr Ctr  0.00
X  MT20  2.0x 4.0 Ctr Ctr  0.00
Z  MT20  5.0x 7.0 0.2  0.5  0.38
BB MT20  2.0x 4.0 Ctr Ctr  0.00
DD MT20  2.0x 4.0 Ctr Ctr  0.00
D  MT20  4.0x 6.0 Ctr-0.3  0.36
F  MT20  2.0x 4.0 Ctr Ctr  0.00
FF MT20  2.0x 4.0 Ctr Ctr  0.34
H  MT20  2.0x 4.0 Ctr Ctr  0.00
J  MT20  2.0x 4.0 Ctr Ctr  0.00
L  MT20  5.0x 7.0 Ctr-0.5  0.39
N  MT20  2.0x 4.0 Ctr Ctr  0.00
P  MT20  2.0x 4.0 Ctr Ctr  0.00
R  MT20  2.0x 4.0 Ctr Ctr  0.00
S  MT20  2.0x 4.0 Ctr Ctr  0.00
U  MT20  2.0x 4.0 Ctr Ctr  0.00
W  MT20  5.0x 7.0 Ctr-0.5  0.39
Y  MT20  2.0x 4.0 Ctr Ctr  0.00
AA MT20  2.0x 4.0 Ctr Ctr  0.00
CC MT20  2.0x 4.0 Ctr Ctr  0.00
EE MT20  2.0x 4.0 Ctr Ctr  0.00

# = Plate Monitor used
REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

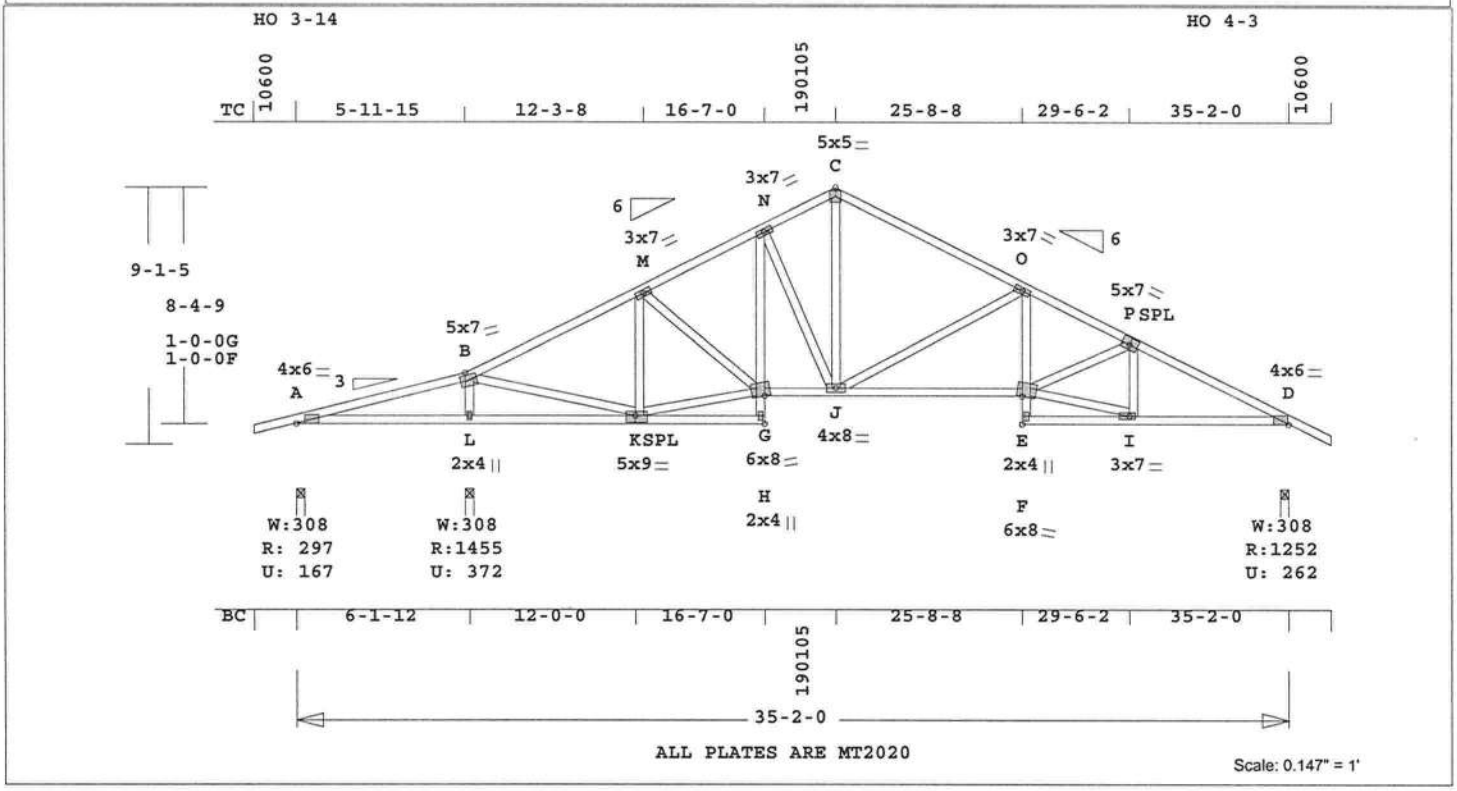
NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
WARNING  Do Not Cut overframe
  member between outside of
  truss and first tie-plate
  to inside of heel plate.
OH Loading
  Soffit psf 2.0
Design checked for 10 psf non-
  concurrent LL on BC.
Refer to Gen Det 3 series for
  web bracing and plating.
NOTE: USER MODIFIED PLATES
  This design may have plates
  selected through a plate
  monitor.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:        5.0 psf
  BC Dead Load:        5.0 psf
Max comp. force      306 Lbs
Max tens. force      293 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

FL Cert. 6634

May 4,2010

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
SCHWARTZ-REV1	*A3*	1	SP	350200	3	1- 6- 0	1- 6- 0	*T3731980*

SCWARTZ-REVISION 1



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 263.6 LBS

```
Online Plus -- Version 26.5.027
RUN DATE: 04-MAY-10

     CSI -Size- ----Lumber----
TC  0.53  2x 4  SP-#2
BC  0.48  2x 4  SP-#2
CW  0.18  2x 4  SP-#2
WB  0.82  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 35- 2- 0
 BC  Cont.    0- 0- 0 35- 2- 0

psf-Ld  Dead  Live
TC       10.0  20.0
BC       10.0   0.0
TC+BC    20.0  20.0
Total    40.0   Spacing  24.0"
Lumber Duration Factor  1.25
Plate  Duration Factor  1.25
TC Fb=1.15  Fc=1.10  Ft=1.10
BC Fb=1.10  Fc=1.10  Ft=1.10

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A    298   168 U   184 R
L   1455   372 U
D   1252   262 U   196 R

Jt   Brg Size   Required
A       3.5"       1.5"
L       3.5"       1.6"
D       3.5"       1.5"

Plus  9 Wind Load Case(s)
Plus  1 UBC LL Load Case(s)
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -B  0.34   189 T  0.01  0.33
B -M  0.41  1316 C  0.01  0.40
M -N  0.34  1453 C  0.12  0.22
N -C  0.35  1294 C  0.12  0.23
C -O  0.48  1315 C  0.11  0.37
O -P  0.53  2186 C  0.17  0.36
P -D  0.37  2027 C  0.16  0.21
--------Bottom Chords---------
A -L  0.29   139 C  0.00  0.29
L -K  0.28    94 C  0.00  0.28
K -H  0.12    62 T  0.00  0.12
G -J  0.36  1294 T  0.21  0.15
J -F  0.48  1982 T  0.33  0.15
E -I  0.10    66 C  0.00  0.10
I -D  0.37  1808 T  0.30  0.07
----------Chord-Webs----------
H -G  0.13    67 T  0.00  0.13
G -N  0.05   172 T  0.03  0.02
E -F  0.10    58 T  0.00  0.10
F -O  0.18   508 T  0.08  0.10
-------------Webs-------------
L -B  0.12  1263 C
B -K  0.30  1221 T
K -M  0.15   466 C
K -G  0.21  1137 T
M -G  0.02   159 T
N -J  0.17   307 T
J -C  0.40   859 T
J -O  0.82   924 C
F -P  0.03   176 T
F -I  0.34  1843 T
I -P  0.05   374 C

TL Defl  -0.09" in A -L  L/777
LL Defl  -0.04" in A -L  L/999
Shear // Grain  in C -O   0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X    Y   JSI
A  MT20  4.0x 6.0 Ctr 0.1 0.44
B  MT20  5.0x 7.0 1.5 0.4 0.83
M  MT20  3.0x 7.0 Ctr Ctr 0.29
N  MT20  3.0x 7.0 Ctr Ctr 0.39
C  MT20  5.0x 5.0 Ctr Ctr 0.34
O  MT20  3.0x 7.0 Ctr Ctr 0.34
P  MT20  5.0x 7.0 0.2 0.5 0.38
D  MT20  4.0x 6.0 Ctr 0.1 0.53
L  MT20  2.0x 4.0 Ctr Ctr 0.72
K  MT20  5.0x 9.0 0.5-0.5 0.85
H  MT20  2.0x 4.0 Ctr Ctr 0.58
G  MT20  6.0x 8.0 Ctr 1.0 0.36
J  MT20  4.0x 8.0 Ctr Ctr 0.41
F  MT20  6.0x 8.0 0.2 0.9 0.56
E  MT20  2.0x 4.0 Ctr Ctr 0.58
I  MT20  3.0x 7.0-2.7 0.2 0.72

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

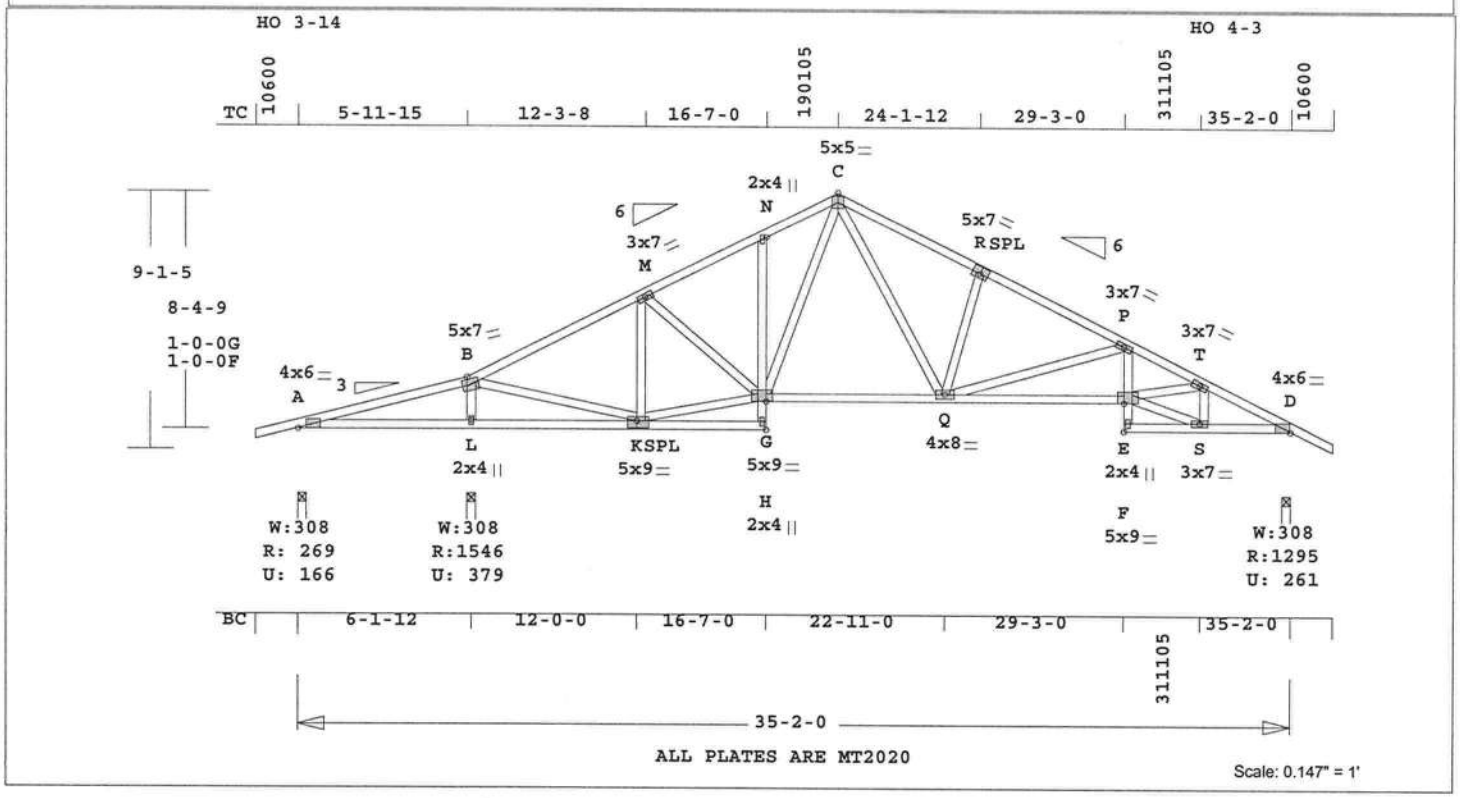
NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 mph
  Mean Roof Height:  15-0
  Exposure  Category:     B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:          5.0 psf
  BC Dead Load:          5.0 psf
User-defined wind-exposed BC
  regions   --From--    ---To---
             0- 0- 0     6- 1-12
Max comp. force     2186 Lbs
Max tens. force     1982 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

FL Cert. 6634

May 4,2010

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
SCHWARTZ-REV1	A4	2	SP	350200	3	1- 6- 0	1- 6- 0	T3731981

SCWARTZ-REVISION 1



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 264.1 LBS

Online Plus -- Version 26.5.027
RUN DATE: 04-MAY-10

	CSI	Size	Lumber
TC	0.44	2x 4	SP-#2
BC	0.72	2x 4	SP-#2
CW	0.24	2x 4	SP-#2
WB	0.77	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 2- 0
BC	Cont.	0- 0- 0	35- 2- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	270	166 U	184 R
L	1547	379 U	
D	1295	261 U	196 R

Jt	Brg Size	Required
A	3.5"	1.5"
L	3.5"	1.6"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 BC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.37	214 T	0.03		0.34
B -M	0.44	1367 C	0.01		0.43
M -N	0.33	1573 C	0.12		0.21
N -C	0.23	1581 C	0.14		0.09
C -R	0.43	1851 C	0.15		0.28
R -P	0.42	1938 C	0.14		0.28
P -T	0.34	3102 C	0.22		0.12
T -D	0.23	2183 C	0.16		0.07
Bottom Chords					
A -L	0.31	211 C	0.00		0.31
L -K	0.29	139 C	0.00		0.29
K -H	0.12	62 C	0.00		0.12
G -Q	0.45	1211 T	0.20		0.25
Q -F	0.72	2823 T	0.47		0.25
E -S	0.09	92 T	0.01		0.08
S -D	0.42	1935 T	0.32		0.10
Chord-Webs					
H -G	0.12	67 T	0.00		0.12
G -N	0.11	280 T	0.01		0.10
E -F	0.19	57 T	0.00		0.19
F -P	0.24	585 T	0.10		0.14
Webs					
L -B	0.13	1350 C			
B -K	0.33	1373 T			
K -M	0.18	544 C			
K -G	0.24	1309 T			
M -G	0.04	245 T			
G -C	0.32	540 T			
C -Q	0.53	922 T			
Q -R	0.10	378 T			
Q -P	0.77	1128 C			
F -T	0.16	871 T			
F -S	0.36	1965 T			
S -T	0.06	691 C			

TL Defl -0.09" in A -L L/765
LL Defl -0.04" in A -L L/999
Shear // Grain in B -M 0.22

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.44
B	MT20	5.0x 7.0	1.5	0.4	0.93
M	MT20	3.0x 7.0	Ctr	Ctr	0.29
N	MT20	2.0x 4.0	Ctr	Ctr	0.29
C	MT20	5.0x 5.0	Ctr	Ctr	0.48
R	MT20	5.0x 7.0	0.2	0.5	0.38
P	MT20	3.0x 7.0	Ctr	Ctr	0.38
T	MT20	3.0x 7.0	Ctr	Ctr	0.34
D	MT20	4.0x 6.0	Ctr	0.1	0.58
L	MT20	2.0x 4.0	Ctr	Ctr	0.73
K	MT20	5.0x 9.0	0.5	-0.5	0.98
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	5.0x 9.0	Ctr	0.8	0.51
Q	MT20	4.0x 8.0	Ctr	Ctr	0.62
F	MT20	5.0x 9.0	Ctr	0.8	0.61
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
S	MT20	3.0x 7.0	Ctr	Ctr	0.81

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 6- 1-12
Max comp. force 3102 Lbs
Max tens. force 2823 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

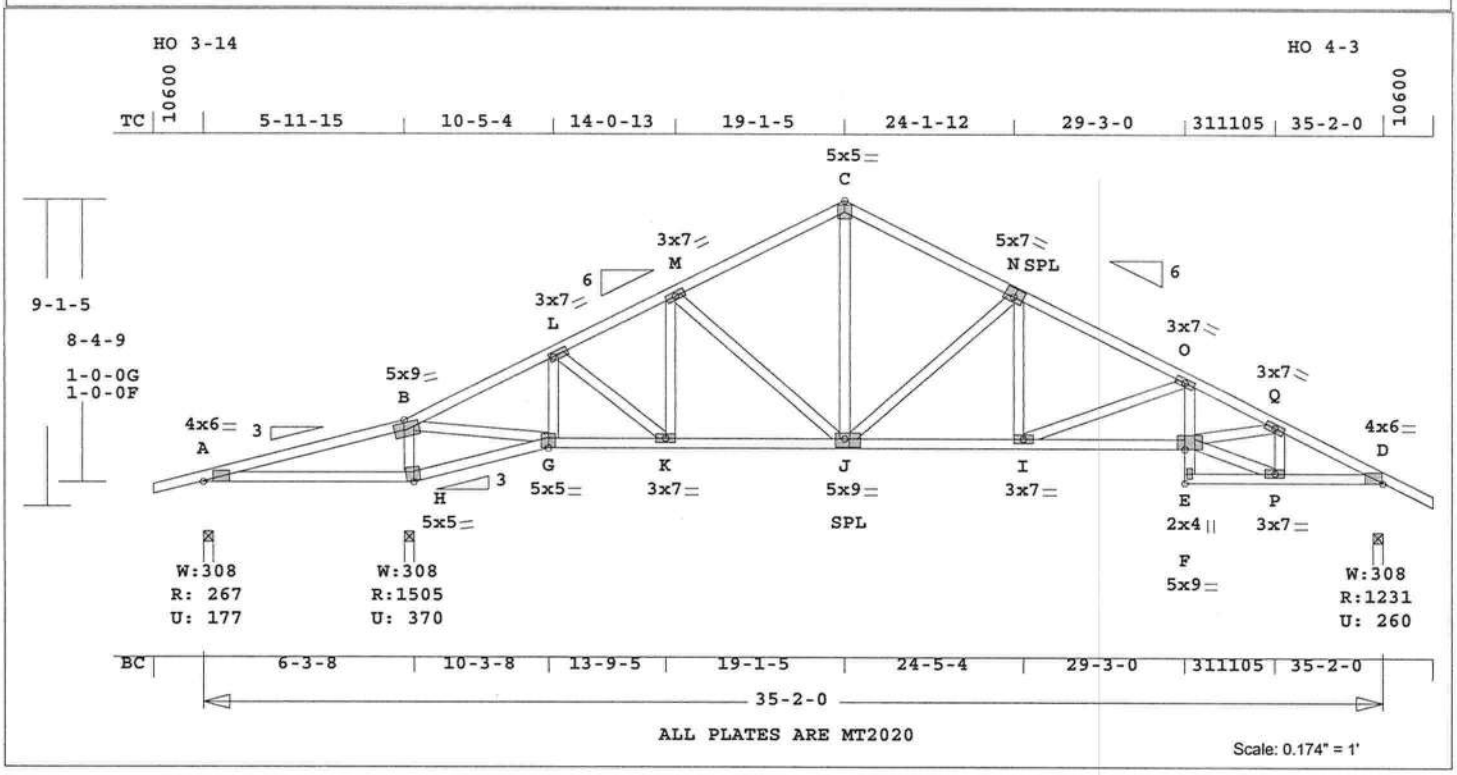
JOAQUIN VELEZ LICENSE No 68182 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

May 4,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
SCHWARTZ-REV1	A5	4	SP	350200	3	1- 6- 0	1- 6- 0	T3731982

SCWARTZ-REVISION 1



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 249.4 LBS

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Online Plus -- Version 26.5.027
RUN DATE: 04-MAY-10

     CSI -Size- ----Lumber----
TC  0.47  2x 4  SP-#2
BC  0.55  2x 4  SP-#2
CW  0.23  2x 4  SP-#2
WB  0.54  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 35- 2- 0
 BC  Cont.     0- 0- 0 35- 2- 0

psf-Ld  Dead  Live
TC       10.0  20.0
BC       10.0   0.0
TC+BC    20.0  20.0
Total    40.0   Spacing  24.0"
Lumber Duration Factor  1.25
Plate  Duration Factor  1.25
TC Fb=1.15  Fc=1.10  Ft=1.10
BC Fb=1.10  Fc=1.10  Ft=1.10

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A    268   177 U   183 R
H   1506   371 U
D   1232   260 U   196 R

Jt   Brg Size   Required
A       3.5"       1.5"
H       3.5"       1.6"
D       3.5"       1.5"

Plus  9 Wind Load Case(s)
Plus  1 UBC LL Load Case(s)
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -B  0.47   384 T  0.06  0.41
B -L  0.47  1447 C  0.01  0.46
L -M  0.35  1488 C  0.12  0.23
M -C  0.34  1251 C  0.11  0.23
C -N  0.39  1254 C  0.11  0.28
N -O  0.43  1899 C  0.15  0.28
O -Q  0.34  2898 C  0.22  0.12
Q -D  0.23  2055 C  0.16  0.07
--------Bottom Chords---------
A -H  0.35   373 C  0.01  0.34
H -G  0.55   314 C  0.00  0.55
G -K  0.34  1277 T  0.21  0.13
K -J  0.31  1347 T  0.22  0.09
J -I  0.37  1705 T  0.28  0.09
I -F  0.55  2638 T  0.44  0.11
E -P  0.08    90 T  0.01  0.07
P -D  0.40  1822 T  0.30  0.10
----------Chord-Webs----------
E -F  0.18    57 T  0.00  0.18
F -O  0.23   551 T  0.10  0.13
----------Webs----------
H -B  0.12  1212 C
B -G  0.28  1549 T
G -L  0.02   210 C
L -K  0.01    90 T
K -M  0.01   116 T
M -J  0.21   308 T
J -C  0.37   817 T
J -N  0.54   777 C
I -N  0.08   484 T
I -O  0.44   996 C
F -Q  0.14   801 T
F -P  0.34  1847 T
P -Q  0.06   645 C

TL Defl  -0.18" in A -H  L/384
LL Defl  -0.08" in A -H  L/898
Hz Disp   LL      DL      TL
  Jt D   0.06"   0.10"   0.16"
Shear // Grain  in B -L   0.22

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  MT20  4.0x 6.0 Ctr 0.1 0.44
B  MT20  5.0x 9.0 1.0 0.2 0.77
L  MT20  3.0x 7.0 Ctr Ctr 0.29
M  MT20  3.0x 7.0 Ctr Ctr 0.30
C  MT20  5.0x 5.0 Ctr Ctr 0.34
N  MT20  5.0x 7.0 0.2 0.5 0.38
O  MT20  3.0x 7.0 Ctr Ctr 0.34
Q  MT20  3.0x 7.0 Ctr Ctr 0.31
D  MT20  4.0x 6.0 Ctr 0.1 0.54
H  MT20  5.0x 5.0-0.3 2.8 0.37
G  MT20  5.0x 5.0 Ctr-1.0 0.75
K  MT20  3.0x 7.0 Ctr Ctr 0.23
J  MT20  5.0x 9.0-0.5-0.5 0.46
I  MT20  3.0x 7.0 Ctr Ctr 0.39
F  MT20  5.0x 9.0 Ctr 0.8 0.56
E  MT20  2.0x 4.0 Ctr Ctr 0.58
P  MT20  3.0x 7.0 Ctr Ctr 0.76

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          120 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:         5.0 psf
  BC Dead Load:         5.0 psf
User-defined wind-exposed BC
  regions  --From--   ---To---
             0- 0- 0    6- 3- 8
Max comp. force     2898 Lbs
Max tens. force     2638 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

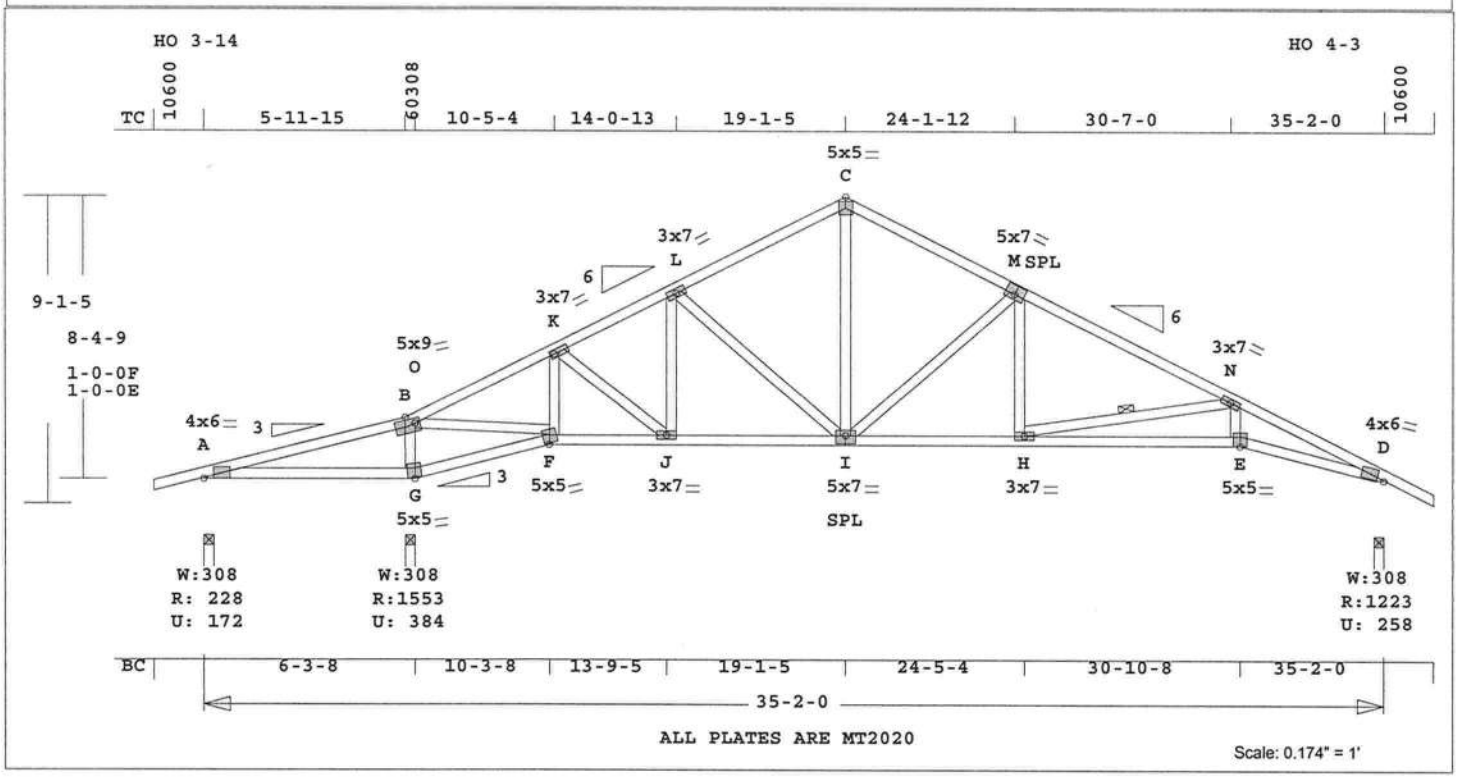
JOAQUIN VELEZ
LICENSE
No 68182
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

FL Cert. 6634

May 4,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
SCHWARTZ-REV1	*A6*	5	SP	350200	3	1- 6- 0	1- 6- 0	*T3731983*

SCWARTZ-REVISION 1



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 236.7 LBS

Online Plus -- Version 26.5.027
RUN DATE: 04-MAY-10

	CSI	-Size-	----Lumber----
TC	0.51	2x 4	SP-#2
BC	0.79	2x 4	SP-#2
WB	0.56	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 2- 0
BC	Cont.	0- 0- 0	35- 2- 0

One Continuous Lateral Brace
H -N
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	229	172 U	183 R
G	1553	384 U	
D	1223	258 U	197 R

Jt	Brg Size	Required
A	3.5"	1.5"
G	3.5"	1.7"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -O	0.49	529 T	0.09 0.40
O -K	0.49	1389 C	0.01 0.48
K -L	0.36	1439 C	0.12 0.24
L -C	0.35	1230 C	0.11 0.24
C -M	0.47	1238 C	0.11 0.36
M -N	0.51	1893 C	0.15 0.36
N -D	0.46	3649 C	0.28 0.18
Bottom Chords			
A -G	0.36	514 C	0.00 0.36
G -F	0.58	465 C	0.00 0.58
F -J	0.43	1219 T	0.20 0.23
J -I	0.30	1306 T	0.21 0.09
I -H	0.39	1704 T	0.28 0.11
H -E	0.65	3251 T	0.54 0.11
E -D	0.79	3332 T	0.55 0.24

Webs			
O -G	0.11	1204 C	
O -F	0.30	1635 T	
F -K	0.03	219 C	
K -J	0.02	110 T	
J -L	0.01	93 T	
L -I	0.19	289 T	
I -C	0.37	817 T	
I -M	0.56	804 C	
H -M	0.07	475 T	
H -N	0.29	1576 C	1 Br
E -N	0.15	832 T	

TL Defl -0.18" in A -G L/391
LL Defl -0.08" in A -G L/912

Hz Disp	LL	DL	TL
Jt D	0.10"	0.15"	0.25"

Shear // Grain in M -N 0.25

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.44
O	MT20	5.0x 9.0	1.0	0.2	0.83
K	MT20	3.0x 7.0	Ctr	Ctr	0.29
L	MT20	3.0x 7.0	Ctr	Ctr	0.30
C	MT20	5.0x 5.0	Ctr	Ctr	0.34
M	MT20	5.0x 7.0	0.2	0.5	0.38
N	MT20	3.0x 7.0	Ctr	Ctr	0.53
D	MT20	4.0x 6.0	Ctr	Ctr	0.92
G	MT20	5.0x 5.0	-0.3	2.8	0.37
F	MT20	5.0x 5.0	0.1	-0.5	0.81
J	MT20	3.0x 7.0	Ctr	Ctr	0.23
I	MT20	5.0x 7.0	Ctr	-0.5	0.43
H	MT20	3.0x 7.0	1.8	Ctr	0.40
E	MT20	5.0x 5.0	Ctr	-1.0	0.86

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

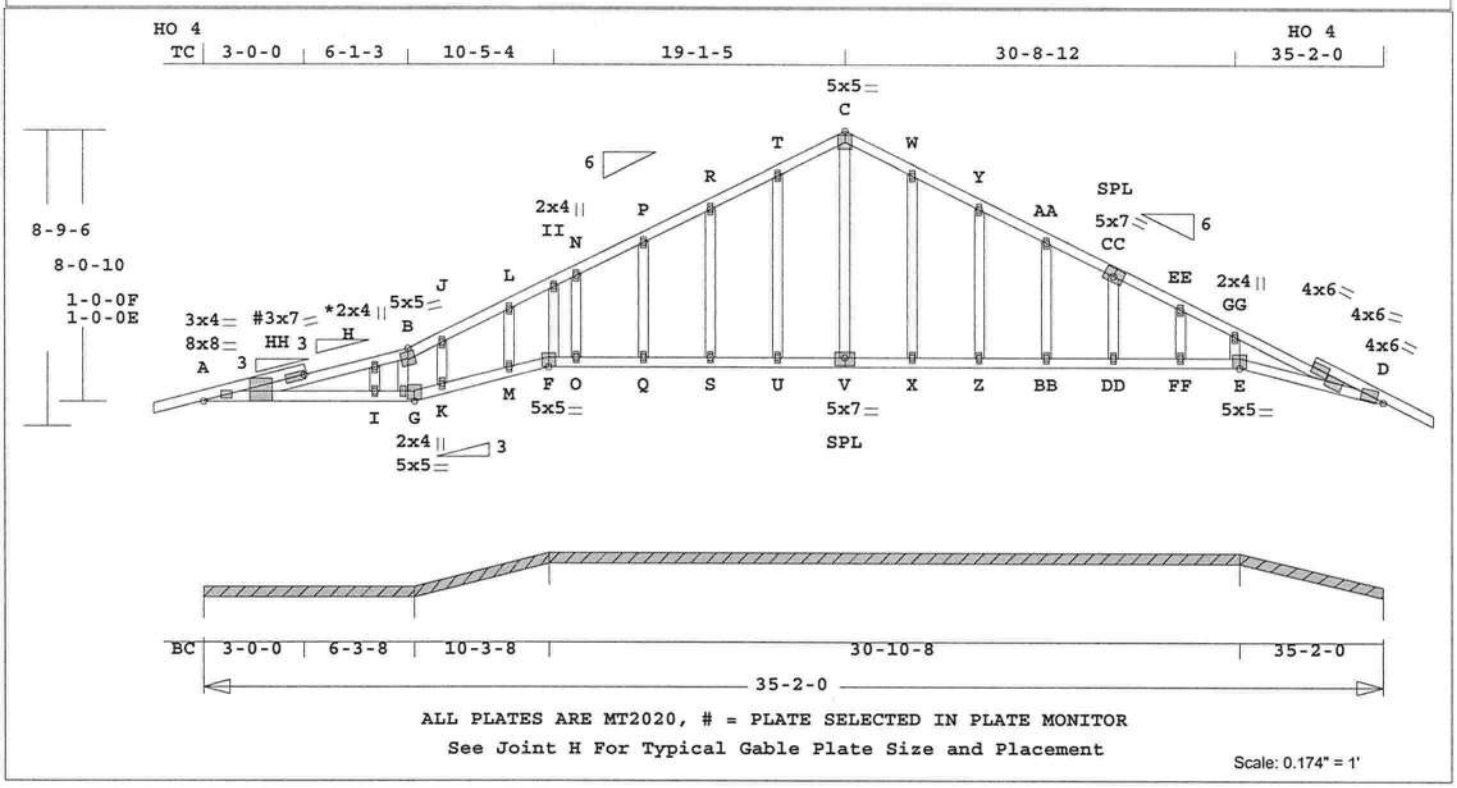
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 6- 3- 8
Max comp. force 3649 Lbs
Max tens. force 3332 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

May 4,2010

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
SCHWARTZ-REV1	*A7GE*	1	SP	350200	3	0	0	*T3731984*

SCWARTZ-REVISION 1



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

See Joint H For Typical Gable Plate Size and Placement

Scale: 0.174" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 243.5 LBS

Online Plus -- Version 26.5.027
RUN DATE: 04-MAY-10

	CSI	-Size-	----Lumber----
TC	0.19	2x 4	SP-#2
BC	0.17	2x 4	SP-#2
WB	0.02	2x 4	SP-#2
GW	0.12	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 2- 0
BC	Cont.	0- 0- 0	35- 2- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	608	130 U	180 R
F	325	103 U	
E	1805	348 U	
E	420	86 U	189 R

Jt	Brg Size	Required
G	75.5"	0"-to- 76"
F	48.0"	76"-to- 124"
E	247.0"	124"-to- 371"
E	51.5"	371"-to- 422"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -HH	0.15	135 C	0.00 0.15
HH-H	0.19	136 C	0.00 0.19
H -B	0.19	108 T	0.00 0.19
B -J	0.02	124 T	0.00 0.02
J -L	0.03	110 T	0.00 0.03
L -II	0.03	95 T	0.00 0.03
II-N	0.03	104 T	0.01 0.02
N -P	0.05	152 T	0.02 0.03
P -R	0.05	222 T	0.02 0.03
R -T	0.06	291 T	0.03 0.03
T -C	0.07	354 T	0.04 0.03
C -W	0.08	367 T	0.04 0.04
W -Y	0.07	304 T	0.03 0.04
Y -AA	0.06	234 T	0.03 0.03
AA-CC	0.05	167 T	0.02 0.03
CC-EE	0.04	98 T	0.01 0.03
EE-GG	0.06	94 T	0.00 0.06
GG-D	0.06	112 T	0.00 0.06
--------Bottom Chords---------			
A -I	0.17	78 T	0.01 0.16
I -G	0.12	74 T	0.00 0.12
G -K	0.02	172 T	0.02 0.00
K -M	0.02	171 T	0.02 0.00
M -F	0.02	170 T	0.02 0.00
F -O	0.02	166 T	0.02 0.00
O -Q	0.02	166 T	0.00 0.02
Q -S	0.02	166 T	0.00 0.02
S -U	0.02	166 T	0.00 0.02
U -V	0.02	166 T	0.00 0.02
V -X	0.02	166 T	0.00 0.02
X -Z	0.02	166 T	0.00 0.02
Z -BB	0.02	166 T	0.00 0.02
BB-DD	0.02	166 T	0.00 0.02
DD-FF	0.02	166 T	0.00 0.02
FF-E	0.03	166 T	0.02 0.01
E -D	0.10	162 T	0.01 0.09
----------Webs----------			
G -B	0.01	105 C	
F -II	0.00	46 T	
E -GG	0.02	174 T	
----------Gable Webs----------			
I -H	0.05	402 T	
K -J	0.01	115 T	
M -L	0.01	118 T	
O -N	0.01	96 T	
Q -P	0.02	135 T	
S -R	0.04	142 T	
U -T	0.06	209 T	
V -C	0.12	180 C	
X -W	0.06	210 T	
Z -Y	0.04	143 T	
BB-AA	0.02	130 T	
DD-CC	0.01	135 T	
FF-EE	0.01	102 T	

TL Defl 0.00" in A -G L/999
LL Defl 0.00" in A -G L/999

Hz Disp	LL	DL	TL
Jt D	0.01"	0.00"	0.01"

Shear // Grain in HH-H 0.20

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	8.0x 8.014.1	2.1		0.41
A	MT20	3.0x 4.0 Ctr	Ctr		0.00
HH#	MT20	3.0x 7.0-2.1-0.6			0.75
H	MT20	2.0x 4.0 Ctr	Ctr		0.00
B	MT20	5.0x 5.0 Ctr	Ctr		0.48
J	MT20	2.0x 4.0 Ctr	Ctr		0.00
L	MT20	2.0x 4.0 Ctr	Ctr		0.00
II	MT20	2.0x 4.0 Ctr	Ctr		0.29
N	MT20	2.0x 4.0 Ctr	Ctr		0.00
P	MT20	2.0x 4.0 Ctr	Ctr		0.00
R	MT20	2.0x 4.0 Ctr	Ctr		0.00
T	MT20	2.0x 4.0 Ctr	Ctr		0.00
C	MT20	5.0x 5.0 Ctr	Ctr		0.34
W	MT20	2.0x 4.0 Ctr	Ctr		0.00
Y	MT20	2.0x 4.0 Ctr	Ctr		0.00
AA	MT20	2.0x 4.0 Ctr	Ctr		0.00
CC	MT20	5.0x 7.0	0.2	0.5	0.38
EE	MT20	2.0x 4.0 Ctr	Ctr		0.00
GG	MT20	2.0x 4.0 Ctr	Ctr		0.31
D	MT20	4.0x 6.0 Ctr	-0.3		0.48
I	MT20	2.0x 4.0 Ctr	Ctr		0.00
G	MT20	2.0x 4.0 Ctr	Ctr		0.34
G	MT20	5.0x 5.0 Ctr	1.3		0.40
K	MT20	2.0x 4.0 Ctr	Ctr		0.00
M	MT20	2.0x 4.0 Ctr	Ctr		0.00
F	MT20	5.0x 5.0 Ctr	-1.0		0.46
O	MT20	2.0x 4.0 Ctr	Ctr		0.00
Q	MT20	2.0x 4.0 Ctr	Ctr		0.00
S	MT20	2.0x 4.0 Ctr	Ctr		0.00
U	MT20	2.0x 4.0 Ctr	Ctr		0.00
V	MT20	5.0x 7.0 Ctr	-0.5		0.39
X	MT20	2.0x 4.0 Ctr	Ctr		0.00
Z	MT20	2.0x 4.0 Ctr	Ctr		0.00
BB	MT20	2.0x 4.0 Ctr	Ctr		0.00
DD	MT20	2.0x 4.0 Ctr	Ctr		0.00
FF	MT20	2.0x 4.0 Ctr	Ctr		0.00
E	MT20	5.0x 5.0 Ctr	-1.0		0.46

= Plate Monitor used
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

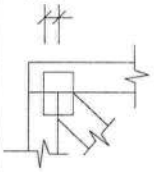
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 305 Lbs
Max tens. force 402 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

May 4,2010

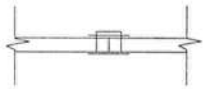
ONLINE PLUS GENERAL NOTES & SYMBOLS

PLATE LOCATION



Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108)

FLOOR TRUSS SPLICE (3X2, 4X2, 6X2)



(W) = Wide Face Plate
(N) = Narrow Face Plate

LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

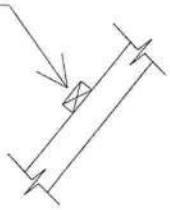
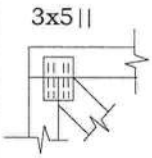


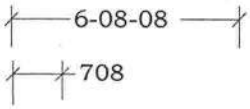
PLATE SIZE AND ORIENTATION

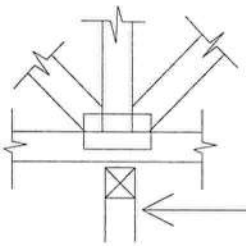


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6'-8.5" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).





W = Actual Bearing Width (IN-SX)
R = Reaction (lbs.)
U = Uplift (lbs.)

BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before trusses are installed. If necessary, shim bearings to assure solid contact with truss.

Metal connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on Truss Design Drawings refer to common wire nails, except as noted. The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

Mitek Industries Inc. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to "Building Component Safety Information" (BCSI 1) as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and " dominoing ". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records. When truss hangers are specified on the Truss Design Drawing, they must be installed per manufacturer's details and specifications.

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS MANUFACTURER.

MiTek®
POWER TO PERFORM.™

MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Tel: 813-972-1135
Fax: 813-971-6117

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) **SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

				Items to Include- Each Box shall be Circled as Applicable		
	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			**Yes**	**No**	**N/A**
1	Two (2) complete sets of plans containing the following:			X		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			X		
3	Condition space (Sq. Ft.)		Total (Sq. Ft.) under roof	IIIIIIII	IIIIIIII	IIIII

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	X		
5	Dimensions of all building set backs	X		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	X		
7	Provide a full legal description of property.	X		

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIIII	IIIII	IIIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	X		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	X		
11	Wind importance factor and nature of occupancy	X		
12	The applicable internal pressure coefficient, Components and Cladding	X		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	X		

Elevations Drawing including:

14	All side views of the structure	X		
15	Roof pitch	X		
16	Overhang dimensions and detail with attic ventilation	X		
17	Location, size and height above roof of chimneys	X		
18	Location and size of skylights with Florida Product Approval	X		
18	Number of stories	X		
20A	Building height from the established grade to the roofs highest peak	X		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	X		
21	Raised floor surfaces located more than 30 inches above the floor or grade	N/A		X
22	All exterior and interior shear walls indicated	X		
23	Shear wall opening shown (Windows, Doors and Garage doors)	X		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	X		
25	Safety glazing of glass where needed	X		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	N/A		X
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)			X
28	Identify accessibility of bathroom (see FBCR SECTION 322)	X		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plan (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	X		
30	All posts and/or column footing including size and reinforcing	X		
31	Any special support required by soil analysis such as piling.			X
32	Assumed load-bearing valve of soil_____ Pound Per Square Foot			
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)			X

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	X		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports			X

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. **Protection shall be provided by registered termiticides**	X		

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type			X
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			X

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			X
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers			X
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers			X
42	Attachment of joist to girder			X
43	Wind load requirements where applicable			X
44	Show required under-floor crawl space			X
45	Show required amount of ventilation opening for under-floor spaces			X
46	Show required covering of ventilation opening			X
47	Show the required access opening to access to under-floor spaces			X
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			X

48	intermediate of the areas structural panel sheathing			X
49	Show Draftstopping. Fire caulking and Fire blocking			X
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			X
51	Provide live and dead load rating of floor framing systems (psf).			X

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	X		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	X		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	X		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	X		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	X		
57	Indicate where pressure treated wood will be placed	X		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	X		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	X		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses			
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer			
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters			
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details			
64	Provide dead load rating of trusses			

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			X
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	X		
67	Valley framing and support details			X
68	Provide dead load rating of rafter system			X

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	X		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	X		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	X		
72	Submit Florida Product Approval numbers for each component of the roof assembles covering			

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	X		
74	Attic space	X		
75	Exterior wall cavity	X		
76	Crawl space			X

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	X		
78	Exhaust fans locations in bathrooms	X		
79	Show clothes dryer route and total run of exhaust duct	X		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan			
81	Show the location of water heater	X		

Private Potable Water

82	Pump motor horse power	X		
83	Reservoir pressure tank gallon capacity	X		
84	Rating of cycle stop valve if used			X

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	X		
86	Ceiling fans	X		
87	Smoke detectors & Carbon dioxide detectors	X		
88	Service panel, sub-panel, location(s) and total ampere ratings	X		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.			

90	Appliances and HVAC equipment and disconnects	X		
91	Arc Fault Circuits (AFCI) in bedrooms			X

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application form is to be completed and submitted for all residential projects	X		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	X		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	X		
95	**City of Lake City** A permit showing an approved waste water sewer tap			X
96	**Toilet facilities shall be provided for all construction sites**			X
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			X
98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			X
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			X
100	A development permit will also be required. Development permit cost is **$50.00**			X
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	X EXISTING		
102	**911 Address:** If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	X		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation 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.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the applicati or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance c a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became nu and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applican will be notified by phone as to the date and time a building permit will b prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ **Project Name:** SCHWARTZ, JOHN

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004.** We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	RELIABILT ~~PELLA~~	EXTERIOR STEEL DOOR	FR FL 7960.1 R3
2. Sliding	N/A		BR FL11251
3. Sectional	RELIABILT ~~N/A~~	FRENCH DOORS W/BLINDS	FL12509.3
4. Roll up	N/A		
5. Automatic	N/A		
6. Other FRENCH	~~PELLA~~		
B. WINDOWS			
1. Single hung	PELLA	10 SERIES SINGLE HUNG STD	FL6431.1
2. Horizontal Slider	N/A		
3. Casement	N/A		
4. Double Hung	N/A		
5. Fixed	N/A		
6. Awning	N/A		
7. Pass -through	N/A		
8. Projected	N/A		
9. Mullion	N/A		
10. Wind Breaker	N/A		
11 Dual Action	N/A		
12. Other	N/A		
C. PANEL WALL			
1. Siding	HARDIPLANK	HARDY PLANK LAPSIDING	FL 13192
2. Soffits		VINYL	
3. EIFS	N/A		
4. Storefronts	N/A		
5. Curtain walls	N/A		
6. Wall louver	N/A		
7. Glass block	N/A		
8. Membrane	N/A		
9. Greenhouse	N/A		
10. Other	N/A		
D. ROOFING PRODUCTS		GAF 110mph ELK	FL 10124-R1
1. Asphalt Shingles	~~OWENS CORNING~~	110 MPH ASPHALT SHINGLE	
2. Underlayments	15# FL	15# FELT	
3. Roofing Fasteners		SEE PLAN DETAILS	
4. Non-structural Metal Rf	N/A		
5. Built-Up Roofing	N/A	PRESTEK 30 HIGH DEF	
6. Modified Bitumen	N/A	800-352-7615 ORDERING	
7. Single Ply Roofing Sys	N/A	NOA 08-1110.07	
8. Roofing Tiles	N/A		
9. Roofing Insulation	N/A		
10. Waterproofing	N/A		
11. Wood shingles /shakes	N/A		
12. Roofing Slate	N/A		

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 000028645 CONTRACTOR JOHN SCHWARTZ OWNER BUILDER PHONE 365 8776

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

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

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

ELECTRICAL	Print Name License #:	Signature Phone #:
MECHANICAL/ A/C ____	Print Name License #:	Signature Phone #:
PLUMBING/ GAS	Print Name CODY R. BARRS License #: CFC1427145	Signature Phone #: 386-752-8656
ROOFING	Print Name License #:	Signature Phone #:
SHEET METAL	Print Name License #:	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name License#:	Signature Phone #:
SOLAR	Print Name License #:	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	OK		
CONCRETE FINISHER	000026	WILLIAM L. BROWN	
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	Schwartz Residence	Builder Name:	owner builder
Street:		Permit Office:	COLUMBIA
City, State, Zip:	Fort White , FL ,	Permit Number:	28645
Owner:	John Schwartz	Jurisdiction:	221000
Design Location:	FL, Gainesville		

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 (ft²)	1342

7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.45	192.00 ft²
SHGC:	SHGC=0.32	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
e. U-Factor:	N/A	ft²
SHGC:		

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1342.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1200.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1342.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 188.4 ft²

12. Cooling systems
a. Central Unit — Cap: 24.0 kBtu/hr, SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 24.0 kBtu/hr, HSPF: 8.8

14. Hot water systems
a. Electric — Cap: 40 gallons, EF: 0.93

b. Conservation features
None

15. Credits — Pstat

Glass/Floor Area: 0.143

Total As-Built Modified Loads: 27.39
Total Baseline Loads: 32.18

PASS

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

PREPARED BY: _____
DATE: 3-23-10

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:	Schwartz Residence	Bedrooms:	3	Adress Type:	Lot Information
Building Type:	FLAsBuilt	Conditioned Area:	1342	Lot #	96
Owner:	John Schwartz	Total Stories:	1	SubDivision:	Three Rivers Es
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:		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	150 ft	0	1342 ft²	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
____	1	Hip	Composition shingles	1501 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	1342 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
____	1	Under Attic (Vented)	30	1342 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
____	1	N	Exterior	Frame - Wood	13	368 ft²		0.23	0.75
____	2	W	Exterior	Frame - Wood	13	232 ft²		0.23	0.75
____	3	S	Exterior	Frame - Wood	13	368 ft²		0.23	0.75
____	4	E	Exterior	Frame - Wood	13	232 ft²		0.23	0.75

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	N	Insulated	None	0.460000	20 ft²
_____	2	S	Insulated	None	0.460000	20 ft²
_____	3	S	Insulated	None	0.460000	40 ft²

WINDOWS

Orientation shown is the entered, asBuilt orientation.

√	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	N	Metal	Double (Tinted)	Yes	0.45	0.32	N	60 ft²	7 ft 6 in	0 ft 0 in	HERS 2006	None
_____	2	W	Metal	Double (Tinted)	Yes	0.45	0.32	N	15 ft²	1 ft 6 in	0 ft 0 in	HERS 2006	None
_____	3	W	Metal	Double (Tinted)	Yes	0.45	0.32	N	20 ft²	1 ft 6 in	0 ft 0 in	HERS 2006	None
_____	4	S	Metal	Double (Tinted)	Yes	0.45	0.32	N	30 ft²	1 ft 6 in	0 ft 0 in	HERS 2006	None
_____	5	S	Metal	Double (Tinted)	Yes	0.45	0.32	N	7 ft²	1 ft 6 in	0 ft 0 in	HERS 2006	None
_____	6	E	Metal	Double (Tinted)	Yes	0.45	0.32	N	60 ft²	1 ft 6 in	0 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

√	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM	Exhaust CFM	Run Time Fraction	Fan Watts
_____	Default	0.00036	1267	7.08	69.6	130.8	0 cfm	0 cfm	0	0

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
_____	1	Central Unit	None	SEER: 13	24 kBtu/hr	720 cfm	0.75	sys#1

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ducts
_____	1	Electric Heat Pump	None	HSPF: 8.8	24 kBtu/hr	sys#1

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.93	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

√	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6	188.4 ft	Attic	67.1 ft²	Default Leakage	Interior	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Heating	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Venting	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]

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	80	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

FORM 1100A-08

Code Compliance Cheklist

Residential Whole Building Performance Method A - Details

ADDRESS:	PERMIT #:
Fort White, FL,	

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.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

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

, Fort White, FL,

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 (ft²)		1342

7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.45	192.00 ft²
SHGC:	SHGC=0.32	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
e. U-Factor:	N/A	ft²
SHGC:		

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1342.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1200.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1342.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 188.4 ft²

12. Cooling systems
a. Central Unit — Cap: 24.0 kBtu/hr, SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 24.0 kBtu/hr, HSPF: 8.8

14. Hot water systems
a. Electric — Cap: 40 gallons, EF: 0.93

b. Conservation features
None

15. Credits — Pstat

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.

Residential System Sizing Calculation

Summary

John Schwartz

Fort White, FL

Project Title:
Schwartz Residence

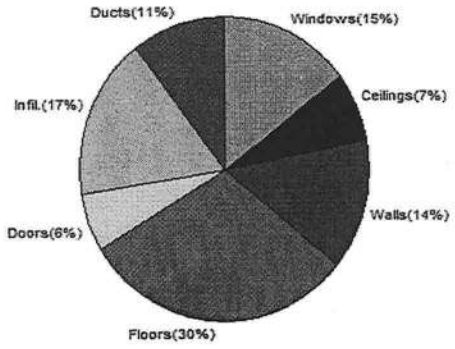
3/24/2010

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature(MJ8 99%)	33	F	Summer design temperature(MJ8 99%)	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**21638**	**Btuh**	**Total cooling load calculation**	**18921**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	110.9	24000	Sensible (SHR = 0.75)	121.2	18000
Heat Pump + Auxiliary(0.0kW)	110.9	24000	Latent	147.4	6000
			Total (Electric Heat Pump)	126.8	24000

WINTER CALCULATIONS

Winter Heating Load (for 1342 sqft)

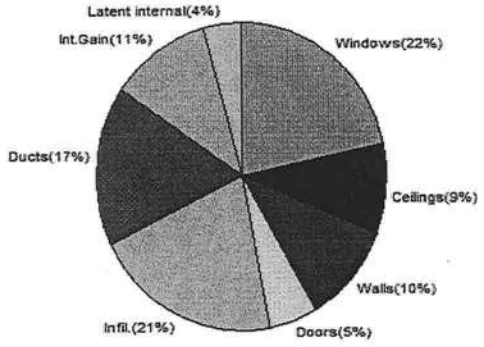
Load component			Load	
Window total	192	sqft	3197	Btuh
Wall total	928	sqft	3048	Btuh
Door total	80	sqft	1362	Btuh
Ceiling total	1342	sqft	1581	Btuh
Floor total	1342	sqft	6549	Btuh
Infiltration	89	cfm	3624	Btuh
Duct loss			2277	Btuh
Subtotal			**21638**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**21638**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1342 sqft)

Load component			Load	
Window total	192	sqft	4112	Btuh
Wall total	928	sqft	1936	Btuh
Door total	80	sqft	1030	Btuh
Ceiling total	1342	sqft	1795	Btuh
Floor total			0	Btuh
Infiltration	72	cfm	1332	Btuh
Internal gain			2120	Btuh
Duct gain			2526	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			**14851**	**Btuh**
Latent gain(ducts)			654	Btuh
Latent gain(infiltration)			2616	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			800	Btuh
Total latent gain			**4070**	**Btuh**
TOTAL HEAT GAIN			**18921**	**Btuh**



Powered by ACCA MANUAL J 8th Edition

EnergyGauge® System Sizing
PREPARED BY:
DATE: 3-23-10

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

John Schwartz

Fort White, FL

Project Title:
Schwartz Residence
Building Type: User

3/24/2010

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

Component Loads for Whole House

Window	Panes/Type	Frame	U	Orientation	Area(sqft) X	HTM=	Load
1	2, NFRC 0.32	Metal	0.45	N	60.0	16.6	999 Btuh
2	2, NFRC 0.32	Metal	0.45	W	15.0	16.6	250 Btuh
3	2, NFRC 0.32	Metal	0.45	W	20.0	16.6	333 Btuh
4	2, NFRC 0.32	Metal	0.45	S	30.0	16.6	500 Btuh
5	2, NFRC 0.32	Metal	0.45	S	7.0	16.6	117 Btuh
6	2, NFRC 0.32	Metal	0.45	E	60.0	16.6	999 Btuh
	Window Total				192.0(sqft)		3197 Btuh

Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	288	3.28	946 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	197	3.28	647 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	271	3.28	890 Btuh
4	Frame - Wood	- Ext	(0.089)	13.0/0.0	172	3.28	565 Btuh
	Wall Total				928(sqft)		3048 Btuh

Doors	Type	Storm	Ueff.	Area X	HTM=	Load
1	Insulated - Exterior,	n	(0.460)	20	17.0	340 Btuh
2	Insulated - Exterior,	n	(0.460)	20	17.0	340 Btuh
3	Insulated - Exterior,	n	(0.460)	40	17.0	681 Btuh
	Door Total			80(sqft)		1362Btuh

Ceilings	Type/Color/Surface	Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shing	(0.032)	30.0/0.0	1342	1.2	1581 Btuh
	Ceiling Total			1342(sqft)		1581Btuh

Floors	Type	Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade	(1.180)	0.0	150.0 ft(perim.)	43.7	6549 Btuh
	Floor Total			1342 sqft		6549 Btuh

				Envelope Subtotal:		15736 Btuh
Infiltration	Type	ACH	Volume(cuft)	Wall Ratio	CFM=	
	Natural	0.50	10736	1.00	89.5	3624 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att)				(DLM of 0.118)	2277 Btuh
All Zones				**Sensible Subtotal All Zones**		**21638 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

John Schwartz

Fort White, FL

Project Title:
Schwartz Residence
Building Type: User

3/24/2010

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	21638 Btuh 0 Btuh 21638 Btuh

EQUIPMENT

1. Electric Heat Pump	#	24000 Btuh

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

Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

John Schwartz

Project Title:
Schwartz Residence

Fort White, FL

3/24/2010

Reference City: Gainesville, FL Temperature Difference: 17.0F(MJ8 99%) Humidity difference: 54gr.

Component Loads for Whole House

	Type*						Overhang		Window Area(sqft)			HTM		Load
Window	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2 NFRC	0.32, 0.45	B-D	No		N	7.5ft	0.0ft	60.0	0.0	60.0	12	12	703 Btuh
2	2 NFRC	0.32, 0.45	B-D	No		W	1.5ft	0.0ft	15.0	3.7	11.3	12	34	422 Btuh
3	2 NFRC	0.32, 0.45	B-D	No		W	1.5ft	0.0ft	20.0	5.0	15.0	12	34	563 Btuh
4	2 NFRC	0.32, 0.45	B-D	No		S	1.5ft	0.0ft	30.0	30.0	0.0	12	15	351 Btuh
5	2 NFRC	0.32, 0.45	B-D	No		S	1.5ft	0.0ft	7.0	7.0	0.0	12	15	82 Btuh
6	2 NFRC	0.32, 0.45	B-D	No		E	1.5ft	0.0ft	60.0	14.9	45.1	12	34	1689 Btuh
	Excursion													302 Btuh
	Window Total								192 (sqft)					4112 Btuh

Walls	Type	U-Value	R-Value Cav/Sheath	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	0.09	13.0/0.0	288.0	2.1	601 Btuh
2	Frame - Wood - Ext	0.09	13.0/0.0	197.0	2.1	411 Btuh
3	Frame - Wood - Ext	0.09	13.0/0.0	271.0	2.1	565 Btuh
4	Frame - Wood - Ext	0.09	13.0/0.0	172.0	2.1	359 Btuh
	Wall Total			928 (sqft)		1936 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	12.9	258 Btuh
2	Insulated - Exterior	20.0	12.9	258 Btuh
3	Insulated - Exterior	40.0	12.9	515 Btuh
	Door Total	80 (sqft)		1030 Btuh

Ceilings	Type/Color/Surface	U-Value	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Shingle	0.032	30.0/0.0	1342.0	1.34	1795 Btuh
	Ceiling Total			1342 (sqft)		1795 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	1342 (ft-perimeter)	0.0	0 Btuh
	Floor Total		1342.0 (sqft)		0 Btuh

				Envelope Subtotal:		8873 Btuh
Infiltration	Type	ACH	Volume(cuft)	Wall Ratio	CFM=	Load
	SensibleNatural	0.40	10736	928	89.5	1332 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance	Load
		4	X 230	+	1200	2120 Btuh
				Sensible Envelope Load:		12325 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.205)		2526 Btuh
				Sensible Load All Zones		**14851 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

John Schwartz

Project Title: Schwartz Residence

Climate:FL_GAINESVILLE_REGIONAL_A

Fort White, FL

3/24/2010

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**12325 Btuh**
	Sensible Duct Load	2526 Btuh
	Total Sensible Zone Loads	**14851 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**14851 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	2616 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	654 Btuh
	Latent occupant gain (4 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**4070 Btuh**
	TOTAL GAIN	**18921 Btuh**

EQUIPMENT

1. Central Unit	#	24000 Btuh

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

Version 8

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ ~~CONTRACTOR~~ OWNER-BUILDER JOHN SCHWARTZ PHONE 386-365-8776

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

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

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

ELECTRICAL	Print Name _____ License #:	Signature _____ Phone #:
MECHANICAL/ A/C _____	Print Name _____ License #:	Signature _____ Phone #:
PLUMBING/ GAS	Print Name _____ License #:	Signature _____ Phone #:
ROOFING	Print Name _____ License #:	Signature _____ Phone #:
SHEET METAL	Print Name _____ License #:	Signature _____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name _____ License#:	Signature _____ Phone #:
SOLAR	Print Name _____ License #:	Signature _____ Phone #:

OWNER BUILDER

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

OWNER BUILDER

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.

28645

Land Surveyors
and Mappers

BRITT SURVEYING & ASSOCIATES

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

07/26/10

L-20512

To Whom It May Concern:

C/o: Robin Schwartz

Re: Lot 96 in Unit 19 of Three Rivers Estates

The elevation of the proposed building pad is found to be 37.3 feet. The minimum floor elevation as per the Columbia County Building Department is established to be 33.00 feet. The highest adjacent grade on the proposed building area is 37.4 feet and the lowest adjacent grade is 37.1 feet. There is a benchmark set in a 30" hickory tree whose elevation is 39.00 feet. The elevations shown hereon are based on NAVD 88.

L. Scott Britt
PLS #5757

28645

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and Mappers

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OK
BLK
27.07.10

07/26/10

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