DATE 11/10/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000028203

APPLICANT JAMES M. LIPSCOMB PHONE 386.623.9141

ADDRESS 184 SW DOMINO'S WAY, STE. #104 LAKE CITY FL 32025

OWNER SUWANNEE VALLEY SERVICE CORP. PHONE 386.755.0600

ADDRESS 730 SW ROSEMARY DRIVE LAKE CITY FL 32025

CONTRACTOR JAMES M. LIPSCOMB PHONE 386.623.9141

LOCATION OF PROPERTY 90-W T0 C-252-B,TL TO ROSEMARY DRIVE,TL & IT'S @ THE CORNER OF ROSEMARY DRIVE & MAPLE.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 116400.00

HEATED FLOOR AREA 1652.00 TOTAL AREA 2328.00 HEIGHT 21.90 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC

LAND USE & ZONING PRD MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 03-4S-16-02731-123 SUBDIVISION PRESERVE @ LAUREL LAKE

LOT 123 BLOCK PHASE 1 UNIT TOTAL ACRES 0.39

000001770		CBC1253543	James M. Lipscomb
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

WAIVER	X-09-336	BLK	WR	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. MFE @ 118.4' PER PLAT. ELEVATION LETTER REQUIRED @ SLAB.

Check # or Cash 5855

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 $ 585.00 CERTIFICATION FEE $ 11.64 SURCHARGE FEE $ 11.64

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ CULVERT FEE $ **TOTAL FEE** 658.28

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.

Ck # Columbia County Building Permit Application ☑ James Lipscomb Licensure updates

For Office Use Only Application # 0910-52 Date Received 10/22/09 By CT Permit # 28203 / 776 11-3-09

Zoning Official BLK Date 30.10.09 Flood Zone X Land Use Res. Low Den Zoning PRD

FEMA Map # N/A Elevation N/A MFE 118.4 ft River N/A Plans Examiner _____ Date _____

Comments per plat Elevation Confirmation Letter Required at Slab

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

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

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

School _____ = TOTAL N/A suspended ☑ Verification Form

Septic Permit No. X09-336 in box Fax 752-6842

Name Authorized Person Signing Permit James Mack Lipscomb Phone 386-623-9141

Address 184 SW Domino's Way Ste# 104 Lake City, FL 32025

Owners Name Suwannee Valley Service Corp. Phone 386-755-0600

911 Address 730 SW Rosemary Dr. Lake City 32024

Contractors Name James Mack Lipscomb Phone 386-623-9141

Address 184 SW Dominos Way Ste#104 Lake City, FL 32025

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Will Myers P.O. Box 1513 Lake City, FL

Mortgage Lenders Name & Address First Federal Lake City, FL 32055

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

Property ID Number 03-45-16-02731-123 Estimated Cost of Construction 138,600

Subdivision Name Preserve at Laurel Lake Lot 123 Block ___ Unit ___ Phase 1

Driving Directions 90 W; Left on 252B, R. on Rosemary Drive.. Corner of Rosemary + Maple

Number of Existing Dwellings on Property 0

Construction of Single Family Dwelling Total Acreage .39 Lot Size .39

Do you need a - Culvert Permit or (Culvert Waiver) or Have an Existing Drive .5856 1770 Total Building Height 21'9"

Actual Distance of Structure from Property Lines - Front 33'9" Side 43'5" Side 28' Rear 47'1"

Number of Stories 1 Heated Floor Area 1652 Total Floor Area 2328 Roof Pitch 8/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. ck # 5856. - ck # 5855 -

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.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

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

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

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

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

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

Owners Signature

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

James mock Lyscomb
Contractor's Signature (Permitee)

Contractor's License Number CBC1253543
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 13 **day of** OCTOBER **20**09.

Personally known ✓ **or Produced Identification**_____

State of Florida Notary Signature (For the Contractor)

SEAL:

MICHELLE L LASHLEY
MY COMMISSION # DD919754
EXPIRES July 28, 2012
(407)398-0153 NotaryOfAmerica.com

Revised 1-10-08

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 0910-52 CONTRACTOR James Lipscomb PHONE 623-9141

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 Lyndon Rainbolt License #: EC13001835	Signature Phone #: 867-1004
MECHANICAL/ A/C	Print Name David Hall's Inc License #: CACO 57424	Signature Phone #: 386-755-9792
PLUMBING/ GAS	Print Name Mark B Davis License #: CFCO.57219	Signature Phone #: 752-8656
ROOFING	Print Name Faustin Gallegos License #: CCC1327482	Signature Phone #: 352-475-1519
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	000095	Allen Louder Masonry Inc	
CONCRETE FINISHER	000028	Alton Vaughn	
FRAMING	000709	Ricky Crawford Framing Unlimited	
INSULATION	000240	George Will Sikes	
STUCCO	N.A.		
DRYWALL	000627	Bobby D Jackson	
PLASTER	N.A.		
CABINET INSTALLER	CBC1253543	James Lipscomb	
PAINTING	CBC1253543	James Lipscomb	
ACOUSTICAL CEILING	N.A.		
GLASS	000618	Carl Bullard Jr Lake City Glass	
CERAMIC TILE	000032	Herbert L Spears	
FLOOR COVERING	000032	Herbert L. Spears	
ALUM/VINYL SIDING	000312	Paul Phinney	
GARAGE DOOR	000619	Carl Bullard Lake City Glass	
METAL BLDG ERECTOR	N.A.		

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

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

Detail by Entity Name

Florida Profit Corporation

SUWANNEE VALLEY SERVICE CORPORATION

Filing Information

Document Number	440016
FEI/EIN Number	591520599
Date Filed	11/16/1973
State	FL
Status	ACTIVE

Principal Address

4705 WEST US HWY 90
LAKE CITY FL 32055

Changed 02/11/2008

Mailing Address

P.O. BOX 2029
LAKE CITY FL 32056

Changed 06/29/2004

Registered Agent Name & Address

LEIBFRIED, KEITH C.
804 S. OHIO AVENUE
P.O. DRAWER Q
LIVE OAK FL 32064

Name Changed: 06/09/1986

Address Changed: 03/14/2005

Officer/Director Detail

Name & Address

Title PD

LEIBFRIED, KEITH C.
326 WESTMORELAND
LIVE OAK FL 32064

Title D

MOSES, PHILIP J., JR.
860 SW EL PRADO
LAKE CITY FL 32025

Title D

SMITH, STEPHEN A
P.O.BOX 1792
LAKE CITY FL 32056

Title D

MCGRANAHAN, ROBERT
10709 184TH STREET
MCALPIN FL 32062

Title D

POOLE, RONNIE

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: 10/13/2009 **DATE ISSUED:** 10/16/2009

ENHANCED 9-1-1 ADDRESS:

730 SW ROSEMARY DR

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

03-4S-16-02731-123

Remarks:

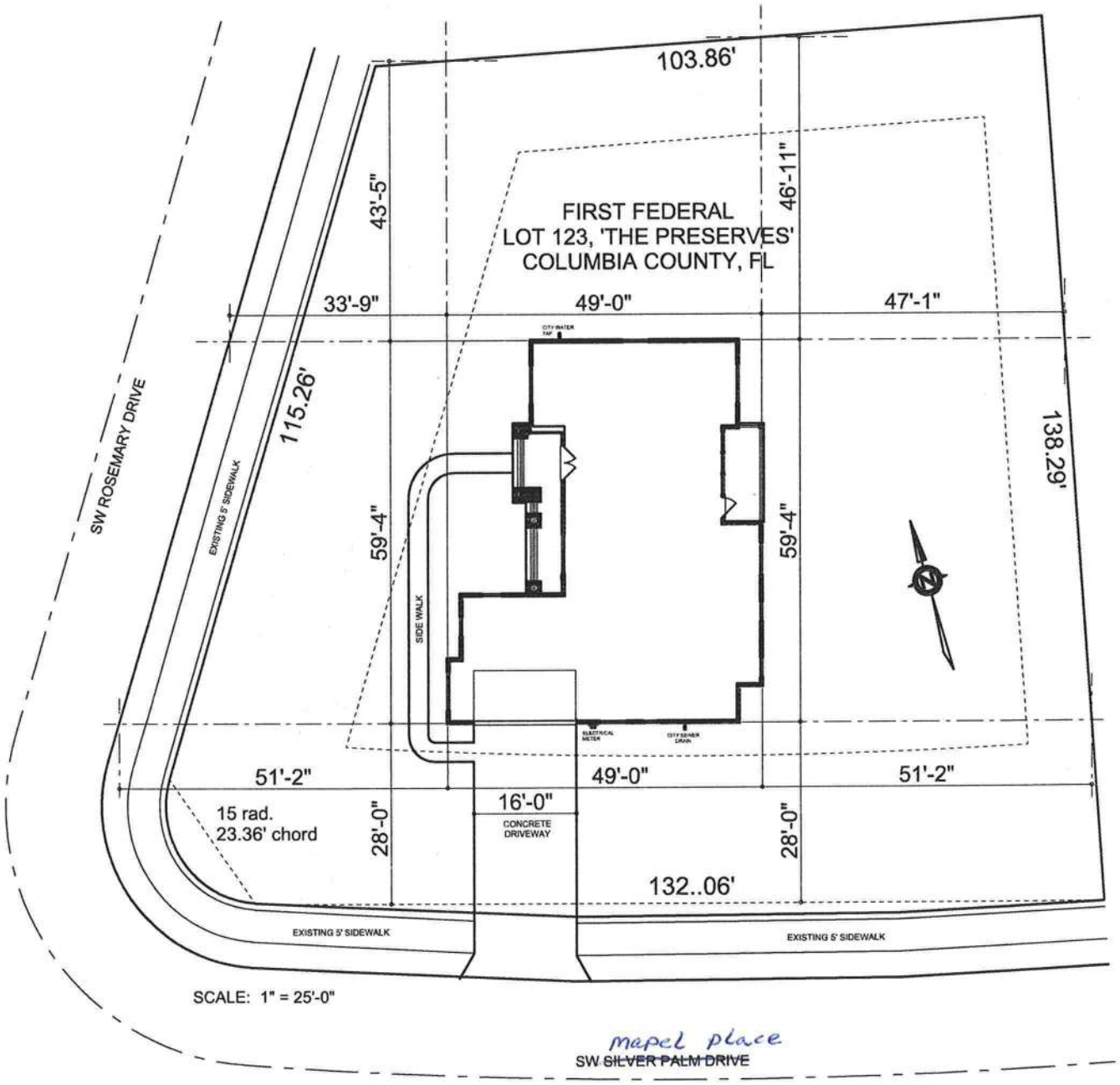
LOT 123 PRESERVE AT LAUREL LAKE UNIT 1

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for
FILE COPY
Code Compliance
PLANS EXAMINER

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.

1558


103.86'
FIRST FEDERAL
LOT 123, 'THE PRESERVES'
COLUMBIA COUNTY, FL
43'-5"
46'-11"
33'-9"
49'-0"
47'-1"
115.26'
138.29'
SW ROSEMARY DRIVE
EXISTING 5' SIDEWALK
CITY WATER TAP
SIDE WALK
ELECTRICAL METER
CITY SEWER LINE
59'-4"
59'-4"
51'-2"
49'-0"
51'-2"
15 rad.
23.36' chord
28'-0"
16'-0"
CONCRETE DRIVEWAY
28'-0"
132..06'
EXISTING 5' SIDEWALK
EXISTING 5' SIDEWALK
SCALE: 1" = 25'-0"
mapel place
SW SILVER PALM DRIVE

Consideration
#30,000.00

Doc. 18.50
Doc. 210.00

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 09-240

Property Appraiser's
Identification Number
03-4S-16-02731-123

Inst 200912017524 Date 10/19/2009 Time 10:44 AM
Doc Stamp-Deed 210.00
DC,P DeWitt Cason,Columbia County Page 1 of 2 B 1182 P 1830

WARRANTY DEED

This Warranty Deed, made this 15th day of October 2009, BETWEEN RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, whose post office address is 2806 West US Highway 90, Suite 101, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantor*, and SUWANNEE VALLEY SERVICE CORPORATION, a Florida corporation, whose post office address is Post Office Box 2029, Lake City, Florida 32056, of the County of Columbia, State of Florida, grantee*.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 123, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia County, Florida.

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

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

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

Signed, sealed and delivered in the presence of:

(First Witness)
Terry McDavid
Printed Name

(Second Witness)
Myrtle Ann McElroy
Printed Name

RESIDENTIAL DEVELOPMENT GROUP, LLC

By: _____
Daniel Crapps
Managing Member

By: _____
Charles S. Sparks
Managing Member

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of October 2009, by DANIEL CRAPPS and CHARLES S. SPARKS, as Managing Members of RESIDENTIAL DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, on behalf of said company. They are personally known to me and did not take an oath.

Notary Public
My commission expires:_____

TERRY McDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

Rec. 18.50
Cert. Copy 4.00

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By: _____ Deputy Clerk
Date: 10/19/09

Inst 200912017525 Date:10/19/2009 Time:10.44 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1182 P:1832

THIS INSTRUMENT WAS PREPARED BY:
TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:
TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328
File No. 09-240

PERMIT NO._____ **TAX FOLIO NOS.:** 03-4S-16-02731-123

COLUMBIA COUNTY BUILDING DEPARTMENT PLANS EXAMINER FILE COPY Received for Code Compliance

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

1. Description of property:

   Lot 123, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

   a. Name and address: SUWANNEE VALLEY SERVICE CORPORATION, Post Office Box 2029, Lake City, Florida 32056.

   b. Interest in property: Fee Simple

   c. Name and address of fee simple title holder (if other than Owner):

4. a. Contractor: LIPSCOMB & EAGLE DEVELOPMENT, INC., 2806 US Highway 90 West, Suite 101, Lake City, florida 32055.

   b. Contractor's Telephone Number: 386-755-5110

5. Surety

   a. Name and address: None

   b. Phone Number:

   c. Amount of Bond:

6. a. Lender: N/A

   b. Lender's Telephone Number:

7. a. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

   b. Phone Number:

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

b. Phone Number:

9. Expiration date of notice of commencement (the expiration date is 1 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 WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT."

SUWANNEE VALLEY SERVICE CORPORATION

By: _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15 day of October 2009, by Keith C. Leibfried, President of SUWANNEE VALLEY SERVICE CORPORATION, on behalf of said corporation. He/she is personally known to me and did not take an oath.

JOYCE J. WARNER
Notary Public - State of Florida
My Commission Expires Jun 10, 2011
Commission # DD 670467
Bonded Through National Notary Assn.

_____
Notary Public
My commission expires: _____

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.

SUWANNEE VALLEY SERVICE CORPORATION

By: _____

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	Lot 123 - The Preserves	Builder Name:	Gateway Developers
Street:		Permit Office:	Columbia County
City, State, Zip:	Lake City , FL , 32055-	Permit Number:	
Owner:	First Federal	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)		1652		
7. Windows	Description		Area	
a. U-Factor: SHGC:	Dbl, U=0.30 SHGC=0.50		290.00 ft²	
b. U-Factor: SHGC:	N/A		ft²	
c. U-Factor: SHGC:	N/A		ft²	
d. U-Factor: SHGC:	N/A		ft²	
e. U-Factor: SHGC:	N/A		ft²	
8. Floor Types		Insulation	Area	
a. Slab-On-Grade Edge Insulation		R=5.0	1652.00 ft²	
b. N/A		R=	ft²	
c. N/A		R=	ft²	

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1761.80 ft²
b. Frame - Wood, Adjacent	R=13.0	253.17 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1817.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
11. Ducts		
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 413 ft²		
12. Cooling systems		
a. Central Unit		Cap: 37.6 kBtu/hr SEER: 14.5
13. Heating systems		
a. Electric Heat Pump		Cap: 37.6 kBtu/hr HSPF: 7.7
14. Hot water systems		
a. Electric		Cap: 50 gallons EF: 0.9
b. Conservation features None		
15. Credits		CV, Pstat

Glass/Floor Area: 0.176

Total As-Built Modified Loads: 32.96

Total Baseline Loads: 38.78

PASS

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

PREPARED BY: _____

DATE: 9/30/09

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires an envelope leakage test report, by a Florida Class 1 Rater, in accordance with N1113.A.1.

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

PROJECT

Title:	Lot 123 - The Preserves	Bedrooms:	3	Adress Type:	Lot Information
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	123
Owner:	First Federal	Conditioned Area:	1652	SubDivision:	The Preserves
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	Gateway Developers	Worst Case:	No	Street:	
Permit Office:	Columbia County	Rotate Angle:	0	County:	Columbia
Jurisdiction:		Cross Ventilation:	Yes	City, State, Zip:	Lake City ,
Family Type:	Single-family	Whole House Fan:	No		FL , 32055-
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 Insulation	199 ft	5	1652 ft²	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
____	1	Hip	Composition shingles	1986 ft²	0 ft²	Dark	0.96	No	0	33.7 deg

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
____	1	Full attic	Vented	303	1652 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
____	1	Under Attic (Vented)	30	1817 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	361.98 ft²	0	0.23	0.75
____	2	S	Exterior	Frame - Wood	13	382.23 ft²	0	0.23	0.75
____	3	E	Exterior	Frame - Wood	13	529.56 ft²	0	0.23	0.75
____	4	W	Exterior	Frame - Wood	13	487.98 ft²	0	0.23	0.75
____	5	??	Garage	Frame - Wood	13	253.17 ft²		0.23	0.01

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
____	1	??	Insulated	None	0.46	20 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

√	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
____	1	W	Metal	Double (Clear)	Yes	0.3	0.5	N	30 ft²	0 ft 18 in	0 ft 20 in	HERS 2006	None
____	2	W	Metal	Double (Clear)	Yes	0.3	0.5	N	36 ft²	0 ft 78 in	0 ft 36 in	HERS 2006	None
____	3	W	Metal	Double (Clear)	Yes	0.3	0.5	N	45 ft²	0 ft 72 in	0 ft 12 in	HERS 2006	None
____	4	S	Metal	Double (Clear)	Yes	0.3	0.5	N	16 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
____	5	S	Metal	Double (Clear)	Yes	0.3	0.5	N	6 ft²	0 ft 18 in	0 ft 24 in	HERS 2006	None
____	6	E	Metal	Double (Clear)	Yes	0.3	0.5	N	60 ft²	0 ft 18 in	0 ft 45 in	HERS 2006	None
____	7	E	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 18 in	0 ft 46 in	HERS 2006	None
____	8	E	Metal	Double (Clear)	Yes	0.3	0.5	N	54 ft²	0 ft 90 in	0 ft 32 in	HERS 2006	None
____	9	E	Metal	Double (Clear)	Yes	0.3	0.5	N	24 ft²	0 ft 90 in	0 ft 30 in	HERS 2006	None
____	10	N	Metal	Double (Clear)	Yes	0.3	0.5	N	4 ft²	0 ft 18 in	0 ft 24 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
____	Proposed ACH	0.00036	1560	6.30	85.6	161.1	0 cfm	0 cfm	0	0

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
____	1	420 ft²	420 ft²	62 ft	9 ft	(invalid)

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
____	1	Central Unit	None	SEER: 14.5	37.6 kBtu/hr	cfm	0.75	

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ductless
____	1	Electric Heat Pump	None	HSPF: 7.7	37.6 kBtu/hr	

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
____	1	Electric	0.9	50 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	Supply R-Value	Supply Area	Return Location	Return Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6	413 ft²	Attic	82.6 ft²	Default Leakage	Interior				

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 #:
Lake City, FL, 32055-	

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.

, Lake City, FL, 32055-

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)		1652	
7. Windows**	Description		Area
a. U-Factor: SHGC:	Dbl, U=0.30 SHGC=0.50		290.00 ft²
b. U-Factor: SHGC:	N/A		ft²
c. U-Factor: SHGC:	N/A		ft²
d. U-Factor: SHGC:	N/A		ft²
e. U-Factor: SHGC:	N/A		ft²
8. Floor Types		Insulation	Area
a. Slab-On-Grade Edge Insulation		R=5.0	1652.00 ft²
b. N/A		R=	ft²
c. N/A		R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1761.80 ft²
b. Frame - Wood, Adjacent	R=13.0	253.17 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1817.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
11. Ducts		
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 413 ft²		
12. Cooling systems		
a. Central Unit		Cap: 37.6 kBtu/hr SEER: 14.5
13. Heating systems		
a. Electric Heat Pump		Cap: 37.6 kBtu/hr HSPF: 7.7
14. Hot water systems		
a. Electric		Cap: 50 gallons EF: 0.9
b. Conservationfeatures None		
15. Credits		CV, 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

**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.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

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

, Lake City, FL, 32055-

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)		1652	
7. Windows**	Description		Area
a. U-Factor: SHGC:	Dbl, U=0.30 SHGC=0.50		290.00 ft²
b. U-Factor: SHGC:	N/A		ft²
c. U-Factor: SHGC:	N/A		ft²
d. U-Factor: SHGC:	N/A		ft²
e. U-Factor: SHGC:	N/A		ft²
8. Floor Types		Insulation	Area
a. Slab-On-Grade Edge Insulation		R=5.0	1652.00 ft²
b. N/A		R=	ft²
c. N/A		R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1761.80 ft²
b. Frame - Wood, Adjacent	R=13.0	253.17 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1817.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
11. Ducts		
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 413 ft²		
12. Cooling systems		
a. Central Unit		Cap: 37.6 kBtu/hr SEER: 14.5
13. Heating systems		
a. Electric Heat Pump		Cap: 37.6 kBtu/hr HSPF: 7.7
14. Hot water systems		
a. Electric		Cap: 50 gallons EF: 0.9
b. Conservationfeatures None		
15. Credits		CV, 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: _____

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

First Federal

Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

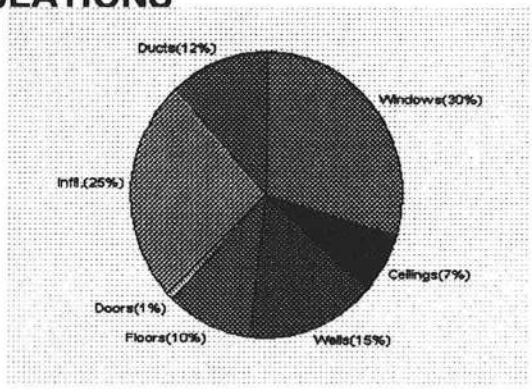
9/30/2009

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**31727**	**Btuh**	**Total cooling load calculation**	**35345**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.5	37600	Sensible (SHR = 0.75)	103.3	28200
Heat Pump + Auxiliary(0.0kW)	118.5	37600	Latent	116.9	9400
			Total (Electric Heat Pump)	106.4	37600

WINTER CALCULATIONS

Winter Heating Load (for 1652 sqft)

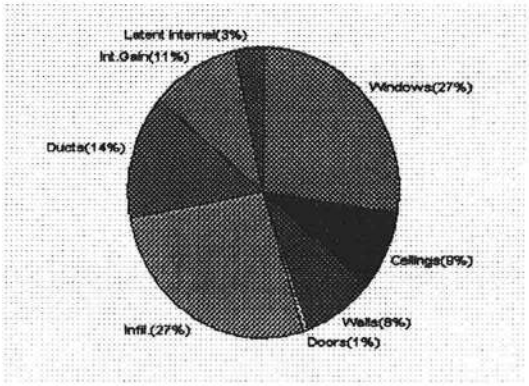
Load component			Load	
Window total	295	sqft	9496	Btuh
Wall total	1476	sqft	4847	Btuh
Door total	20	sqft	259	Btuh
Ceiling total	1817	sqft	2141	Btuh
Floor total	199	sqft	3254	Btuh
Infiltration	198	cfm	8030	Btuh
Duct loss			3700	Btuh
Subtotal			**31727**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**31727**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1652 sqft)

Load component			Load	
Window total	295	sqft	9697	Btuh
Wall total	1476	sqft	2960	Btuh
Door total	20	sqft	196	Btuh
Ceiling total	1817	sqft	3009	Btuh
Floor total			0	Btuh
Infiltration	173	cfm	3228	Btuh
Internal gain			3780	Btuh
Duct gain			4431	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**27302**	**Btuh**
Latent gain(ducts)			504	Btuh
Latent gain(infiltration)			6339	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**8043**	**Btuh**
TOTAL HEAT GAIN			**35345**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 9/30/09

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

First Federal
Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

9/30/2009

WHOLE HOUSE TOTALS

	Subtotal Sensible	31727 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31727 Btuh

EQUIPMENT

1. Electric Heat Pump	#	37600 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

First Federal
Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

9/30/2009

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
2	2, Clear, Metal, 0.87	W	36.0	32.2	1159 Btuh
3	2, Clear, Metal, 0.87	W	50.0	32.2	1609 Btuh
4	2, Clear, Metal, 0.87	S	16.0	32.2	515 Btuh
5	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
6	2, Clear, Metal, 0.87	E	60.0	32.2	1931 Btuh
7	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
8	2, Clear, Metal, 0.87	E	54.0	32.2	1738 Btuh
9	2, Clear, Metal, 0.87	E	24.0	32.2	773 Btuh
10	2, Clear, Metal, 0.87	N	4.0	32.2	129 Btuh
	Window Total		295(sqft)		9496 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1271	3.3	4174 Btuh
2	Frame - Wood - Adj(0.09)	13.0	205	3.3	673 Btuh
	Wall Total		1476		4847 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		20		259Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1817	1.2	2141 Btuh
	Ceiling Total		1817		2141Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	199.0 ft(p)	16.4	3254 Btuh
	Floor Total		199		3254 Btuh
			Zone Envelope Subtotal:		19998 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	14868	1476 198.2	8030 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DLM of 0.132)	3700 Btuh
Zone #1			**Sensible Zone Subtotal**		**31727 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

First Federal

Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

9/30/2009

WHOLE HOUSE TOTALS

	Subtotal Sensible	31727 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31727 Btuh

EQUIPMENT

1. Electric Heat Pump	#	37600 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

First Federal
Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

9/30/2009

The following window Excursion will be assigned to the system loads.

6.666666[illegible]ne,0.00,N
[illegible]87, None,0.00,N
[illegible]87, None,0.00,N
[illegible].87, None,0.00,N
[illegible].87, None,0.00,N
8[illegible]87, None,0.00,N
6.833333[illegible]ne,0.00,N
8.666666[illegible]ne,0.00,N
[illegible]87, None,0.00,N
[illegible]0.87, None,0.00,N

	Window Total		295 (sqft)		8544 Btuh
Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1271.0	2.1	2651 Btuh
2	Frame - Wood - Adj	13.0/0.09	205.0	1.5	309 Btuh
	Wall Total		1476 (sqft)		2960 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Adjacent		20.0	9.8	196 Btuh
	Door Total		20 (sqft)		196 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1817.0	1.7	3009 Btuh
	Ceiling Total		1817 (sqft)		3009 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	199 (ft(p))	0.0	0 Btuh
	Floor Total		199.0 (sqft)		0 Btuh
Windows	July excursion for System 1				1153 Btuh
			Excursion Subtotal:		7319 Btuh
Duct load			(DGMs vary for Mixed ducts)		4431 Btuh
			Sensible Load All Zones		**11750 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

First Federal

Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

9/30/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**22871 Btuh**
	Sensible Duct Load	4431 Btuh
	Total Sensible Zone Loads	**27302 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**27302 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6339 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	504 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**8043 Btuh**
	TOTAL GAIN	**35345 Btuh**

EQUIPMENT

1. Central Unit	#	37600 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

First Federal

Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 9/30/2009

The following Window Excursion will be assigned to the system loads.

Windows	July excursion for System 1	1153 Btuh
	Excursion Subtotal:	1153 Btuh
Duct load		223 Btuh
	Sensible Excursion Load	**1377 Btuh**

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None, 0.00, N	W	1.5ft.	6.66	30.0	0.0	30.0	29	29	869 Btuh
2	2, Clear, 0.87, None, 0.00, N	W	6.5ft.	9ft.	36.0	14.4	21.6	29	29	1043 Btuh
3	2, Clear, 0.87, None, 0.00, N	W	6ft.	11ft.	50.0	19.9	30.1	29	29	1448 Btuh
4	2, Clear, 0.87, None, 0.00, N	S	1.5ft.	5ft.	16.0	16.0	0.0	29	29	463 Btuh
5	2, Clear, 0.87, None, 0.00, N	S	1.5ft.	5ft.	6.0	6.0	0.0	29	29	174 Btuh
6	2, Clear, 0.87, None, 0.00, N	E	1.5ft.	8.75f	60.0	0.0	60.0	29	29	1738 Btuh
7	2, Clear, 0.87, None, 0.00, N	E	1.5ft.	6.83	15.0	0.0	15.0	29	29	434 Btuh
8	2, Clear, 0.87, None, 0.00, N	E	7.5ft.	8.66	54.0	32.0	22.0	29	29	1564 Btuh
9	2, Clear, 0.87, None, 0.00, N	E	7.5ft.	10.5f	24.0	11.2	12.8	29	29	695 Btuh
10	2, Clear, 0.87, None, 0.00, N	N	1.5ft.	3ft.	4.0	0.0	4.0	29	29	116 Btuh
	Window Total				295 (sqft)					8544 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1271.0	2.1	2651 Btuh
2	Frame - Wood - Adj	13.0/0.09	205.0	1.5	309 Btuh
	Wall Total		1476 (sqft)		2960 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Adjacent		20.0	9.8	196 Btuh
	Door Total		20 (sqft)		196 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1817.0	1.7	3009 Btuh
	Ceiling Total		1817 (sqft)		3009 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	199 (ft(p))	0.0	0 Btuh
	Floor Total		199.0 (sqft)		0 Btuh
			Zone Envelope Subtotal:		14709 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)		CFM=	Load
	SensibleNatural	0.70	14868	1476		173.5	3228 Btuh
Internal gain		Occupants	Btuh/occupant			Appliance	Load
		6	X 230	+		2400	3780 Btuh
					Sensible Envelope Load:		21717 Btuh
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)				(DGM of 0.194)		4208 Btuh
					Sensible Zone Load		**25925 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

First Federal

Lake City, FL 32055-

Project Title:
Lot 123 - The Preserves

Code Only
Professional Version
Climate: North

9/30/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**22871 Btuh**
	Sensible Duct Load	4431 Btuh
	Total Sensible Zone Loads	**27302 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**27302 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6339 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	504 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**8043 Btuh**
	TOTAL GAIN	**35345 Btuh**

EQUIPMENT

1. Central Unit	#	37600 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

First Federal

Lake City, FL 32055

Project Title:
Lot 123 - The Preserves

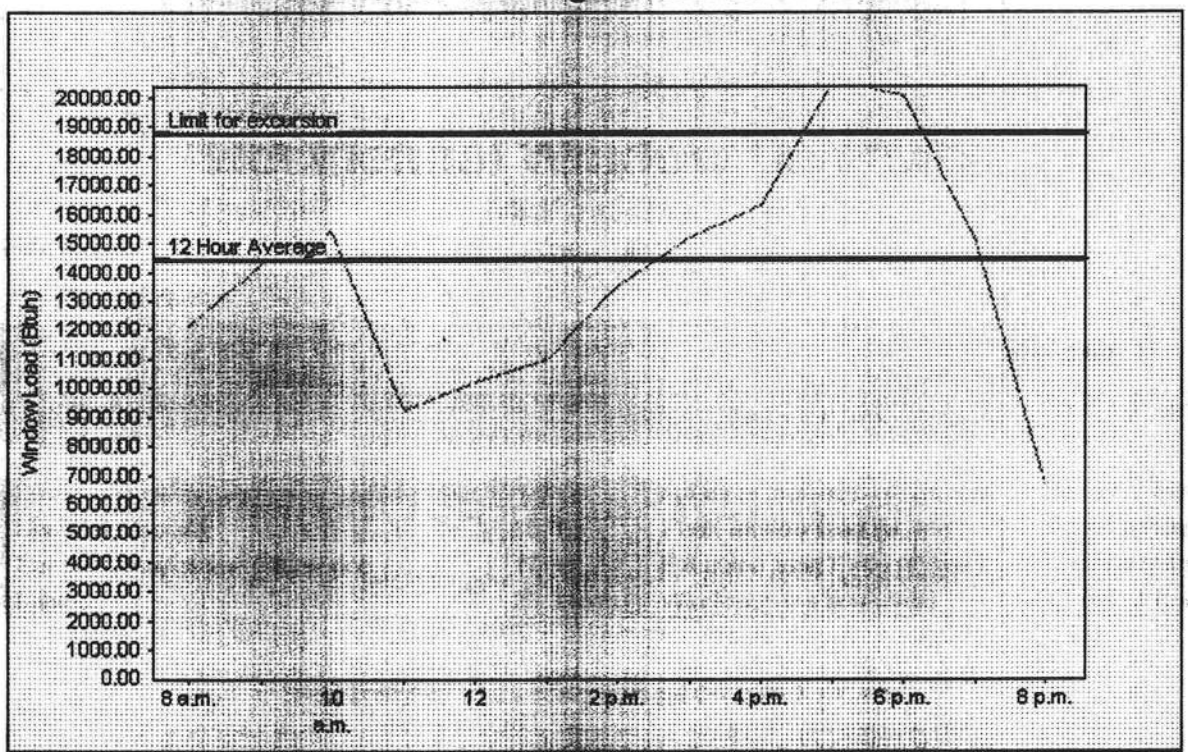
Code Only
Professional Version
Climate: North

9/30/2009

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	14415 Btu
Summer setpoint	75 F	Peak window load for July	20613 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	18740 Btu
Latitude	29 North	Window excursion (July)	1873 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

ATTN: WEEGIE

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001770

DATE: 11/10/2009 BUILDING PERMIT NO. 28203

APPLICANT JAMES M. LIPSCOMB PHONE 386.623.9141

ADDRESS 184 SW DOMINO'S WAY, STE.# 104 LAKE CITY FL 32025

OWNER SUWANNEE VALLEY CORP. PHONE 386.755.0600

ADDRESS 730 SW ROSEMARY DRIVE LAKE CITY FL 32024

CONTRACTOR JAMES M. LIPSCOMB PHONE 386.623.9141

LOCATION OF PROPERTY 90-W TO C-252-B,TL TO ROSEMARY DRIVE,TR AND IT'S @ THE CORNER ROSEMARY DRIVE & MAPLE.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PRESERVE @ LAUR.LAKE 123 1

PARCEL ID # 03-4S-16-02731-123

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: James M. Lipscomb

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: Robby Tittle DATE: 11-18-09

NOV 18 2009

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

RECEIVED NOV 16 2009 By _____

RECEIVED NOV 18 2009 By _____

COLUMBIA COUNTY FLORIDA

New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525
(exp. 02/[illegible]012)

28203

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 Lipscomb and Eagle Phone No. 623-9141

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 730 SW Rosemary Drive
Lake City, FL 32025

Section 4: Service Information

Date(s) of Service(s) 12-21-2009
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: Maxx-Thor EPA Registration No. 53883-189
Approx. Dilution (%): .6 Approx. Total Gallons Mix Applied: 355 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) Cliff 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 Cliff Lacey Date 12-21-2009

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)

County Bldg. Dept.

28203

asgeosciences
ENGINEERING A BETTER WORLD™

INSPECTION REPORT

PROJECT INFORMATION			
PROJECT NAME:	The Preserve at Laurel Lake	DATE:	23-Nov-09
PROJECT LOCATION:	Lot 123, Lake City, Columbia County, Florida	PROJECT NO.	08G1008
INSPECTOR/INSPECTOR REPRESENTATIVE:	Jackie Curry	LAB NO.:	6
CLIENT:	Lipscomb & Eagle	WEATHER:	CLEAR

INSPECTION OF:

- ☐ reinforcing steel/formwork
- ☐ structural steel framing
- ☐ structural steel welds
- ☐ structural steel bolted connections
- ☐ post-tensioned concrete slab
- ☐ shoring/reshoring
- ☐ roof trusses/straps
- ☐ roof sheathing and nailing pattern
- ☐ reinforced concrete masonry
- ☐ grout/concrete placement
- ▶ other removal of unsuitable material and replacement with 57 stone.

TYPE OF ELEMENT:

- ▶ footings
- ☐ pile reinforcing
- ☐ walls
- ☐ reinforced concrete masonry walls
- ☐ ground slab
- ☐ pile caps/grade beams
- ☐ beams
- ☐ other
- ☐ column base plates
- ☐ elevated slab
- ☐ column

INSPECTION LOCATION

LOT 123

WEST HALF OF FOOTERS FOR HOUSE PAD.

RESULTS OF INSPECTION:

- ▶ above elements in general accordance with project requirements
- ☐ work not complete, as noted
- ☐ elements described below not in compliance with project requirements, reinspection required

VARIANCES TO CONTRACT DRAWINGS/SPECIFICATIONS BY:

County Bldg. Dept

28203

INSPECTION REPORT

PROJECT INFORMATION			
PROJECT NAME:	The Preserve at Laurel Lake	DATE:	8-Dec-09
PROJECT LOCATION:	Lot 123, Lake City, Columbia County, Florida	PROJECT NO.	08G1008
INSPECTOR/INSPECTOR REPRESENTATIVE:	Jackie Curry	LAB NO.:	8
CLIENT:	Lipscomb & Eagle	WEATHER:	Overcast

INSPECTION OF:

- ☐ reinforcing steel/formwork
- ☐ structural steel framing
- ☐ structural steel welds
- ☐ structural steel bolted connections
- ☐ post-tensioned concrete slab
- ☐ shoring/reshoring
- ☐ roof trusses/straps
- ☐ roof sheathing and nailing pattern
- ☐ reinforced concrete masonry
- ☐ grout/concrete placement
- ▶ other removal of unsuitable material.

TYPE OF ELEMENT:

- ☐ footings
- ☐ pile reinforcing
- ☐ walls
- ☐ reinforced concrete masonry walls
- ▶ ground slab
- ☐ pile caps/grade beams
- ☐ beams
- ☐ other
- ☐ column base plates
- ☐ elevated slab
- ☐ column

INSPECTION LOCATION

HOUSE PAD, LOT #123

UNSUITABLE MATERIAL IN BUILDING PAD REMOVED AND REPLACED WITH SUITABLE FILL IN ACCORDANCE WITH ASC DOCUMENT NUMBER 090167.

RESULTS OF INSPECTION:

- ▶ above elements in general accordance with project requirements
- ☐ work not complete, as noted
- ☐ elements described below not in compliance with project requirements, reinspection required

VARIANCES TO CONTRACT DRAWINGS/SPECIFICATIONS BY:

County Bldg. Dept.

28203

asgeosciences
ENGINEERING A BETTER WORLD™

INSPECTION REPORT

PROJECT INFORMATION			
PROJECT NAME:	The Preserve at Laurel Lake	DATE:	16-Dec-09
PROJECT LOCATION:	Lot 123, Lake City, Columbia County, Florida	PROJECT NO.	08G1008
INSPECTOR/INSPECTOR REPRESENTATIVE:	Jackie Curry	LAB NO.:	10
CLIENT:	Lipscomb & Eagle	WEATHER:	Overcast

INSPECTION OF:

- [ ] reinforcing steel/formwork
- [ ] structural steel framing
- [ ] structural steel welds
- [ ] structural steel bolted connections
- [ ] post-tensioned concrete slab
- [ ] shoring/reshoring
- [ ] roof trusses/straps
- [ ] roof sheathing and nailing pattern
- [ ] reinforced concrete masonry
- [ ] grout/concrete placement
- [x] other removal of unsuitable soil.

TYPE OF ELEMENT:

- [x] footings
- [ ] pile reinforcing
- [ ] walls
- [ ] reinforced concrete masonry walls
- [ ] ground slab
- [ ] pile caps/grade beams
- [ ] beams
- [ ] other
- [ ] column base plates
- [ ] elevated slab
- [ ] column

INSPECTION LOCATION

HOUSE PAD, LOT #123

UNSUITABLE SOIL REMOVED FROM EXTERIOR SIDE OF FOOTER.

RESULTS OF INSPECTION:

- [x] above elements in general accordance with project requirements
- [ ] work not complete, as noted
- [ ] elements described below not in compliance with project requirements, reinspection required

VARIANCES TO CONTRACT DRAWINGS/SPECIFICATIONS BY:

28203

Land Surveyors
and Mappers

BRITT SURVEYING & ASSOCIATES

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

OK
BLK
05.03.10

01/14/10

L-20213

To Whom It May Concern:

C/o: Lipscomb and Eagle

Re: Lot 123 of Preserve at Jewel Lake

The elevation of the finished slab grade is 118.44 feet. The minimum finished floor elevation according to the plat of record is 118.40 feet. The centerline of SW Maple Place is 117.21 feet. The centerline of SW Rosemary Drive is 116.95 feet.

L. Scott Britt
PLS #5757

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 03-4S-16-02731-123

Building permit No. 000028203

Use Classification SFD/UTILITY

Fire: 25.68

Permit Holder JAMES M. LIPSCOMB

Waste: 67.00

Owner of Building SUWANNEE VALLEY SERVICE CORP.

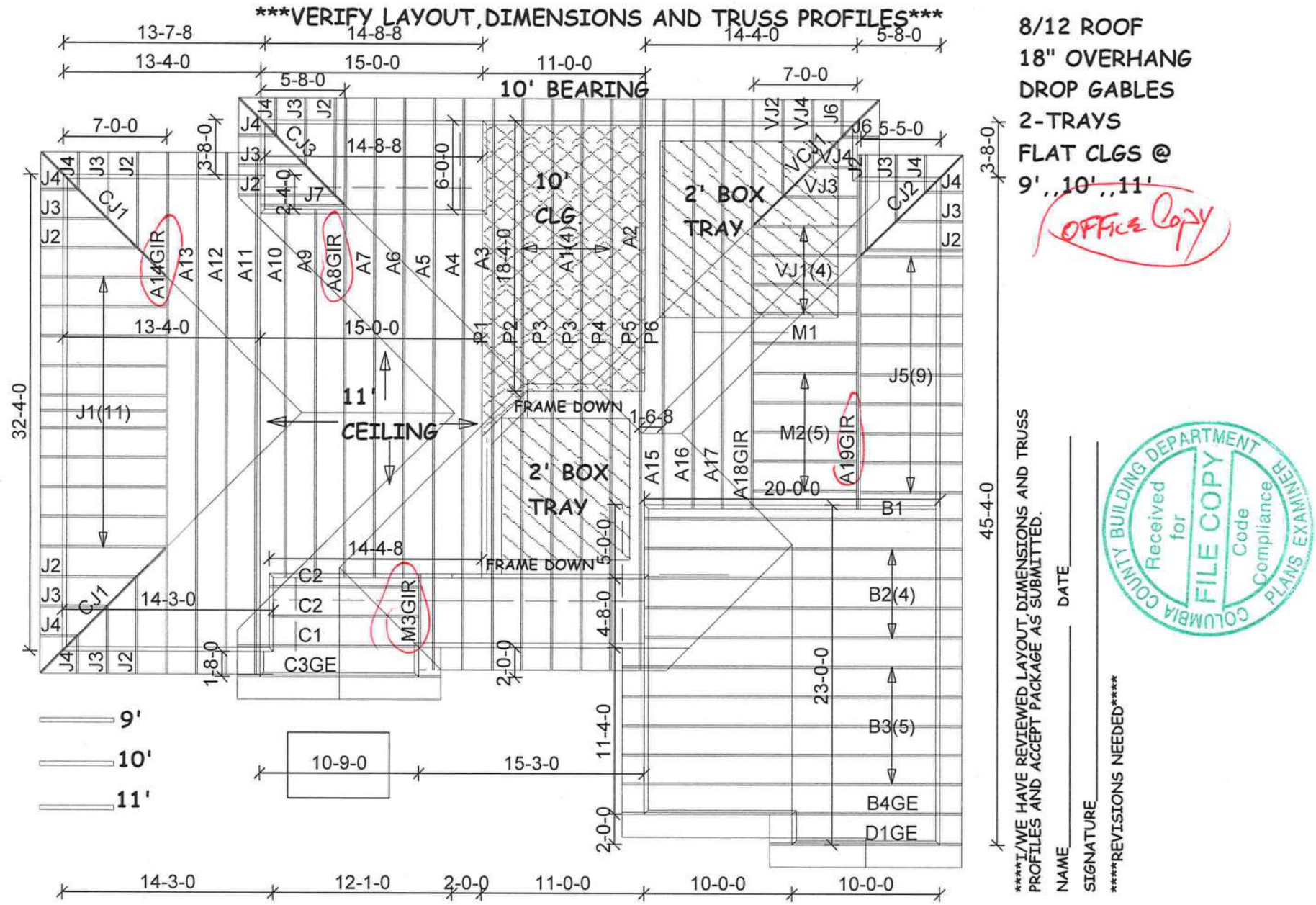
Total: 92.68

Location: 730 SW ROSEMARY DRIVE., LAKE CITY, FL

Date: 06/11/2010

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



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

NAME_____ DATE_____

SIGNATURE_____

****REVISIONS NEEDED****

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY Code Compliance
PLANS EXAMINER

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

FIRST FEDERAL STATE BANK

SPEC HOUSE
LAKE CITY

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: FFSB-SPEC
Designer: C. LITTLE
Checker:
Date: 10-13-09

RE: FFSB-SPEC - ROOF DESIGN INFO

Site Information:

Customer Info: Model: FIRST FEDERAL--SPEC
Lot/Block: . Subdivision: .
Address: .
City: LAKE CITY State: FL

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 25.0.008□
Wind Code: ASCE 7-05 Wind Speed: 120 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 51 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	No.	Seal#	Truss Name	Date
1	T3506525	A1	10/9/09	18	T3506542	CJ1	10/9/09
2	T3506526	A2	10/9/09	19	T3506543	J1	10/9/09
3	T3506527	A3	10/9/09	20	T3506544	A14GIR	10/9/09
4	T3506528	A4	10/9/09	21	T3506545	A15	10/9/09
5	T3506529	A5	10/9/09	22	T3506546	A16	10/9/09
6	T3506530	A6	10/9/09	23	T3506547	A17	10/9/09
7	T3506531	A7	10/9/09	24	T3506548	A18GIR	10/9/09
8	T3506532	J4	10/9/09	25	T3506549	CJ2	10/9/09
9	T3506533	J3	10/9/09	26	T3506550	J5	10/9/09
10	T3506534	J2	10/9/09	27	T3506551	VJ3	10/9/09
11	T3506535	CJ3	10/9/09	28	T3506552	M1	10/9/09
12	T3506536	A8GIR	10/9/09	29	T3506553	M2	10/9/09
13	T3506537	A9	10/9/09	30	T3506554	A19GIR	10/9/09
14	T3506538	A10	10/9/09	31	T3506555	B1	10/9/09
15	T3506539	A11	10/9/09	32	T3506556	B2	10/9/09
16	T3506540	A12	10/9/09	33	T3506557	B3	10/9/09
17	T3506541	A13	10/9/09	34	T3506558	B4GE	10/9/09

The truss drawing(s) referenced above have been prepared by Robbins Engineering, 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.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

6904 Parke East Boulevard
Tampa, FL 33610-4115
Phone: 813-972-1135 • Fax: 813-971-6117
www.robbinseng.com

RE: FFSB-SPEC - ROOF DESIGN INFO

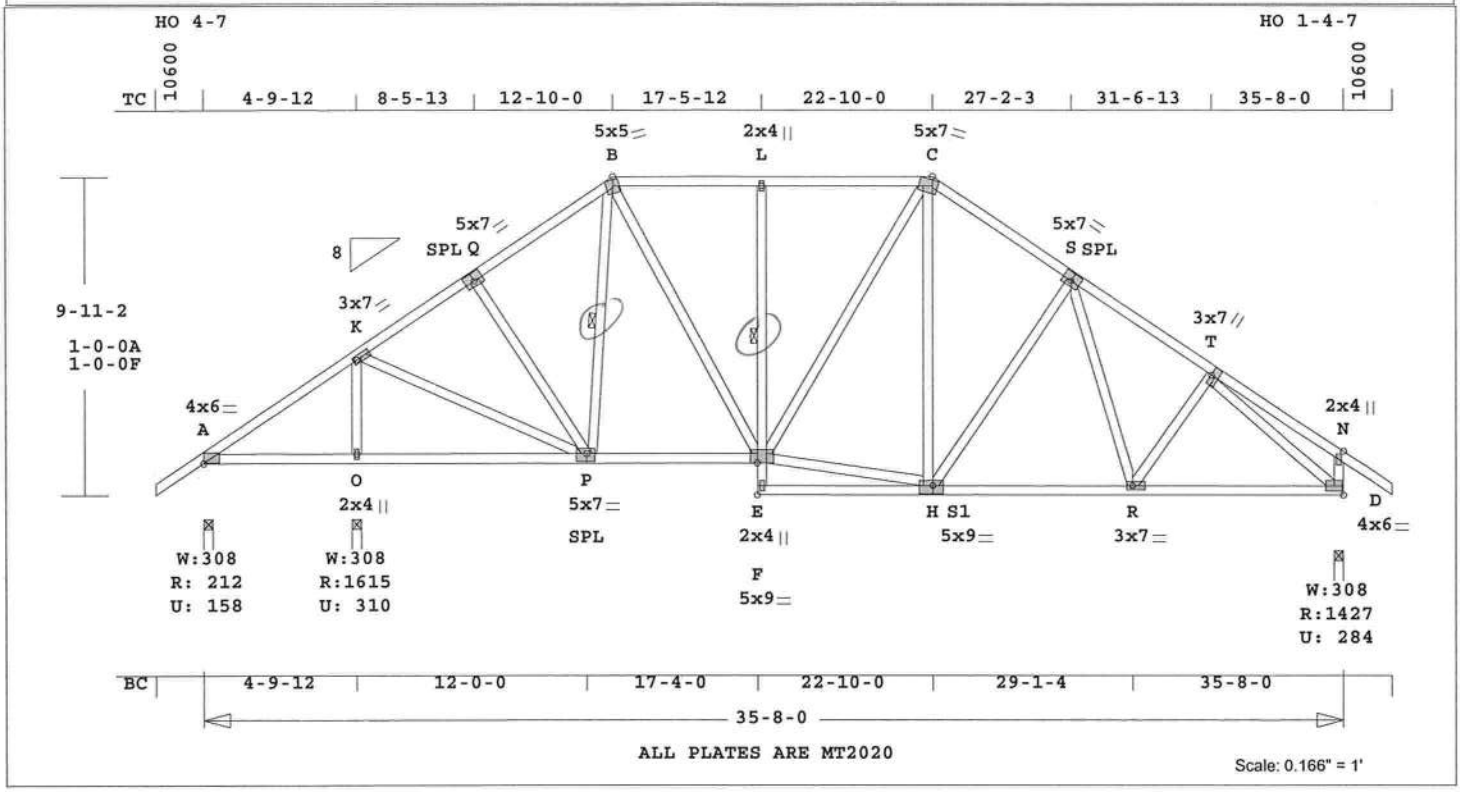
Site Information:

Project Customer: Project Name: FIRST FEDERAL--SPEC
Lot/Block: . Subdivision: .
Address: .
City: LAKE CITY State: FL

No.	Seal#	Truss Name	Date
35	T3506559	C1	10/9/09
36	T3506560	C2	10/9/09
37	T3506561	C3GE	10/9/09
38	T3506562	D1GE	10/9/09
39	T3506563	J6	10/9/09
40	T3506564	J7	10/9/09
41	T3506565	M3GIR	10/9/09
42	T3506566	P1	10/9/09
43	T3506567	P2	10/9/09
44	T3506568	P3	10/9/09
45	T3506569	P4	10/9/09
46	T3506570	P5	10/9/09
47	T3506571	P6	10/9/09
48	T3506572	VJ2	10/9/09
49	T3506573	VCJ1	10/9/09
50	T3506574	VJ1	10/9/09
51	T3506575	VJ4	10/9/09

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	*A1*	4	SP	350800	8	1- 6- 0	1- 6- 0	*T3506525*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 327.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	Size	Lumber
TC	0.24	2x 4	SP-#2
BC	0.43	2x 4	SP-#2
CW	0.06	2x 4	SP-#2
WB	0.72	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	12-10- 0
TC	24.0"	12-10- 0	22-10- 0
TC	Cont.	22-10- 0	35- 8- 0
BC	Cont.	0- 0- 0	35- 8- 0

One Continuous Lateral Brace
P -B E -L
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	213	158 U	241 R
O	1615	311 U	
D	1427	285 U	266 R

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

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 -K	0.21	143 T	0.02		0.19
K -Q	0.24	1230 C	0.07		0.17
Q -B	0.21	1101 C	0.08		0.13
B -L	0.23	1162 C	0.00		0.23
L -C	0.24	1159 C	0.02		0.22
C -S	0.23	1258 C	0.09		0.14
S -T	0.23	1523 C	0.09		0.14
T -N	0.17	97 T	0.01		0.16
Bottom Chords					
A -O	0.26	121 C	0.00		0.26
O -P	0.26	121 C	0.00		0.26
P -F	0.35	913 T	0.15		0.20
E -S1	0.19	32 C	0.00		0.19
S1-R	0.43	1223 T	0.20		0.23
R -D	0.43	1228 T	0.20		0.23
Chord-Webs					
E -F	0.06	80 T	0.00		0.06
F -L	0.05	310 C	0.01		0.04
Webs					
O -K	0.26	1465 C			
K -P	0.25	1182 T			
Q -P	0.18	255 C			
P -B	0.02	95 C			1 Br
B -F	0.29	508 T			
F -C	0.11	218 T			
F -S1	0.20	1099 T			
S1-C	0.18	292 T			
S1-S	0.36	368 C			
S -R	0.03	197 T			
R -T	0.03	139 T			
T -D	0.72	1699 C			
D -N	0.03	225 T	WindLd		

TL Defl -0.14" in S1-R L/999
LL Defl -0.06" in R -D L/999
Shear // Grain in L -C 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	0.5	0.4	0.36
K	MT20	3.0x 7.0	Ctr	Ctr	0.49
Q	MT20	5.0x 7.0	-0.3	0.5	0.37
B	MT20	5.0x 5.0	0.1	-3.7	0.61
L	MT20	2.0x 4.0	Ctr	Ctr	0.29
C	MT20	5.0x 7.0	-1.6	-3.4	0.47
S	MT20	5.0x 7.0	0.3	0.5	0.48
T	MT20	3.0x 7.0	1.1	-1.0	0.87
N	MT20	2.0x 4.0	Ctr	Ctr	0.22
O	MT20	2.0x 4.0	Ctr	Ctr	0.38
P	MT20	5.0x 7.0	-0.5	-0.5	0.82
F	MT20	5.0x 9.0	Ctr	0.8	0.47
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
S1	MT20	5.0x 9.0	-0.5	-0.5	0.65
R	MT20	3.0x 7.0	1.2	Ctr	0.30
D	MT20	4.0x 6.0	Ctr	Ctr	0.43

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

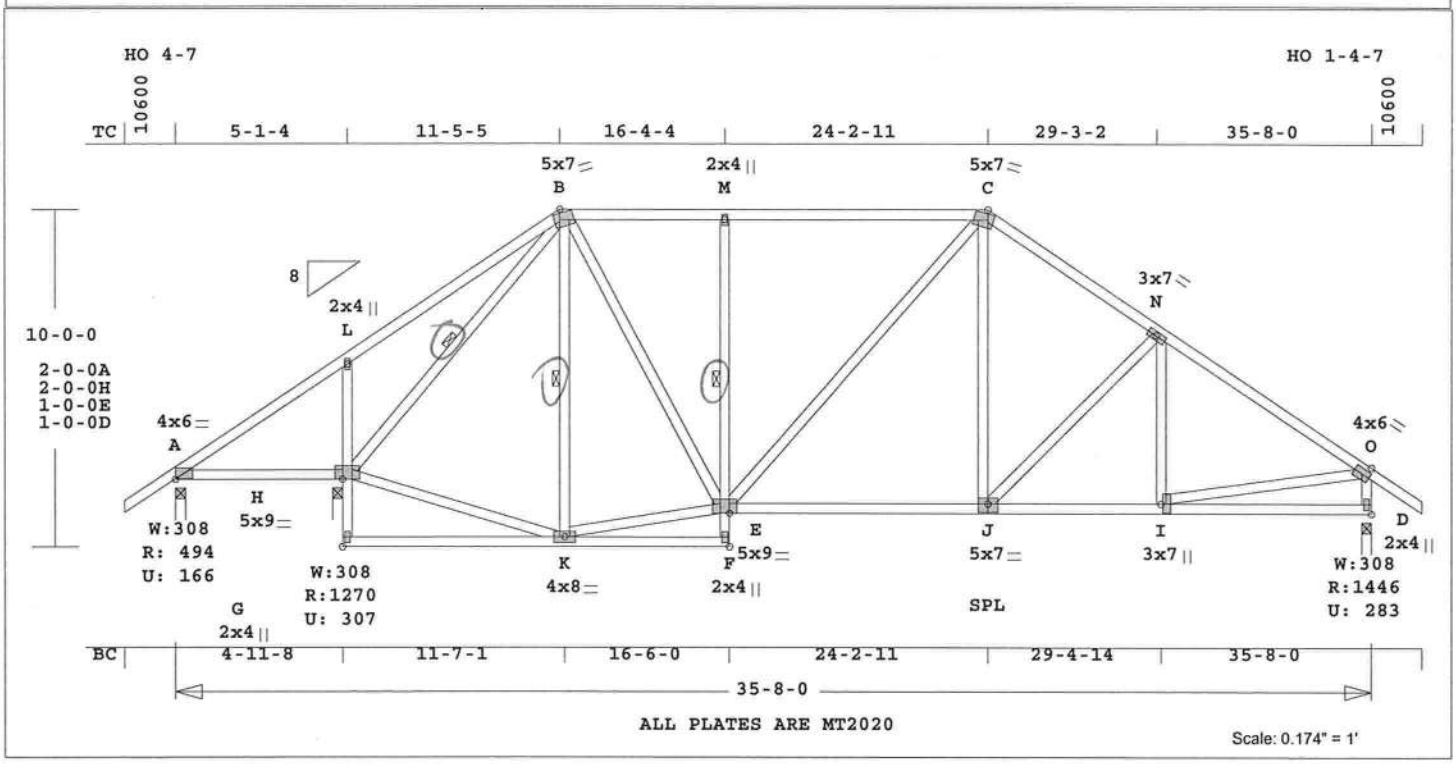
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf 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 4- 9-12
Max comp. force 1699 Lbs
Max tens. force 1228 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A2*	1	SP	350800	8	1- 6- 0	1- 6- 0	*T3506526*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 326.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	Size	Lumber
TC	0.61	2x 4	SP-#2
BC	0.53	2x 4	SP-#2
CW	0.26	2x 4	SP-#2
WB	0.43	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	11- 5- 5
TC	24.0"	11- 5- 5	24- 2-11
TC	Cont.	24- 2-11	35- 8- 0
BC	Cont.	0- 0- 0	35- 8- 0

One Continuous Lateral Brace
H -B K -B F -M
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	495	166 U	215 R
H	1270	308 U	
D	1446	283 U	241 R

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

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 -L	0.45	396 C	0.00 0.45
L -B	0.45	482 T	0.00 0.45
B -M	0.48	1197 C	0.01 0.47
M -C	0.61	1202 C	0.03 0.58
C -N	0.40	1431 C	0.09 0.31
N -O	0.45	1570 C	0.04 0.41
Bottom Chords			
A -H	0.14	351 T	0.00 0.14
G -K	0.26	31 T	0.00 0.26
K -F	0.26	139 C	0.00 0.26
E -J	0.51	1186 T	0.19 0.32
J -I	0.53	1318 T	0.22 0.31
I -D	0.20	223 T	0.00 0.20
Chord-Webs			
G -H	0.10	104 T	0.01 0.09
H -L	0.11	477 C	0.06 0.05
F -E	0.26	60 T	0.00 0.26
E -M	0.11	408 C	0.01 0.10
Webs			
H -B	0.26	658 C	1 Br
H -K	0.15	837 T	
K -B	0.11	294 C	1 Br
B -E	0.43	847 T	
K -E	0.17	927 T	
E -C	0.18	89 T	
J -C	0.11	396 T	
J -N	0.28	336 C	
I -N	0.06	151 C	
I -O	0.25	1341 T	
D -O	0.13	1387 C	WindLd

TL Defl -0.26" in E -J L/999
LL Defl -0.13" in E -J L/999
Shear // Grain in M -C 0.32

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	0.5	0.4	0.36
L	MT20	2.0x 4.0	Ctr	Ctr	0.22
B	MT20	5.0x 7.0	1.6-3.4		0.58
M	MT20	2.0x 4.0	Ctr	Ctr	0.29
C	MT20	5.0x 7.0	-1.6-3.4		0.45
N	MT20	3.0x 7.0	Ctr	Ctr	0.26
O	MT20	4.0x 6.0	Ctr	Ctr	0.50
H	MT20	5.0x 9.0	Ctr	0.8	0.43
G	MT20	2.0x 4.0	Ctr	Ctr	0.58
K	MT20	4.0x 8.0	Ctr	Ctr	0.38
F	MT20	2.0x 4.0	Ctr	Ctr	0.58
E	MT20	5.0x 9.0	Ctr	0.7	0.47
J	MT20	5.0x 7.0	Ctr-0.5		0.39
I	MT20	3.0x 7.0	2.0	0.3	0.68
D	MT20	2.0x 4.0	Ctr	Ctr	0.43

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. 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

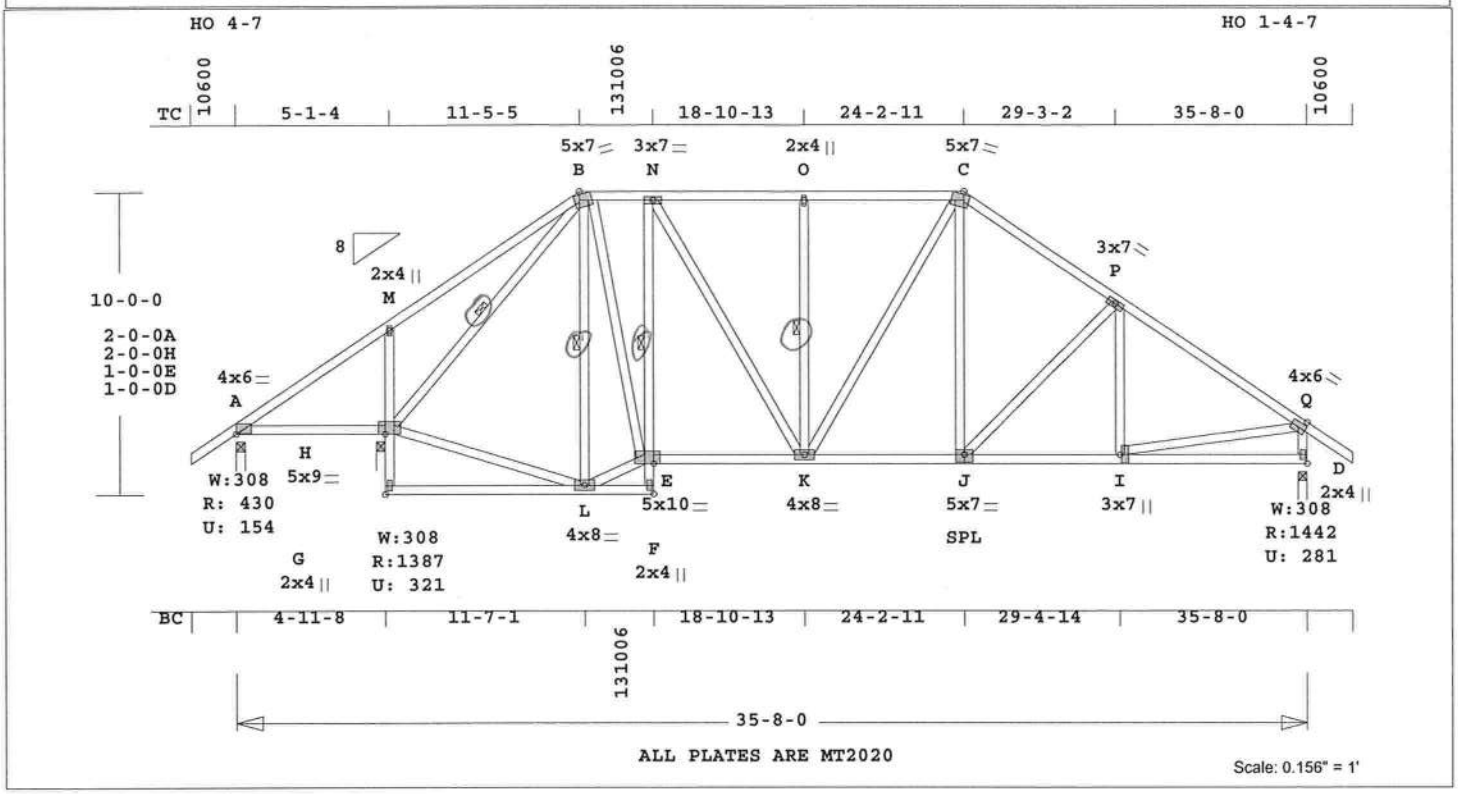
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior 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 4-11- 8
Max comp. force 1570 Lbs
Max tens. force 1341 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	A3	1	SP	350800	8	1- 6- 0	1- 6- 0	T3506527

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 351.5 LBS

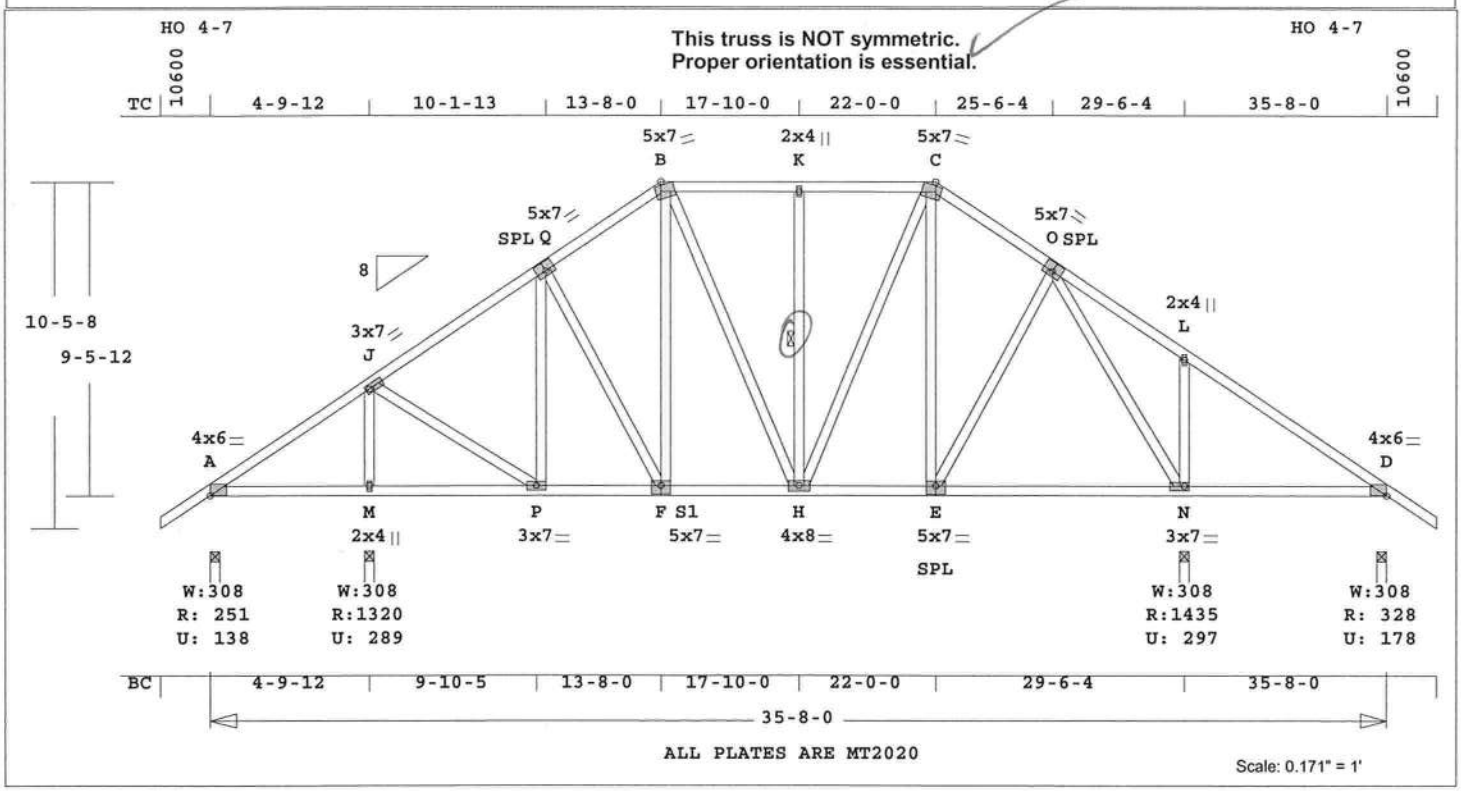
```
Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

     CSI -Size- ----Lumber----
TC  0.43  2x 4  SP-#2
BC  0.37  2x 4  SP-#2
CW  0.11  2x 4  SP-#2
WB  0.36  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 11- 5- 5
 TC   24.0"   11- 5- 5 24- 2-11
 TC  Cont.    24- 2-11 35- 8- 0
 BC  Cont.     0- 0- 0 35- 8- 0
One Continuous Lateral Brace
  H -B   L -B   K -O   F -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    430   155 U   215 R
H   1388   322 U
D   1442   281 U   241 R

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

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 -M  0.43   285 C  0.00  0.43
M -B  0.43   437 T  0.00  0.43
B -N  0.32  1036 C  0.00  0.32
N -O  0.32  1261 C  0.01  0.31
O -C  0.32  1261 C  0.01  0.31
C -P  0.42  1411 C  0.09  0.33
P -Q  0.43  1572 C  0.04  0.39
--------Bottom Chords---------
A -H  0.14   258 T  0.00  0.14
G -L  0.25    31 T  0.00  0.25
L -F  0.25    35 C  0.00  0.25
E -K  0.35  1039 T  0.17  0.18
K -J  0.37  1161 T  0.19  0.18
J -I  0.34  1321 T  0.22  0.12
I -D  0.21   223 T  0.00  0.21
---------Chord-Webs----------
G -H  0.10   104 T  0.01  0.09
H -M  0.11   471 C  0.06  0.05
F -E  0.06    33 C  0.00  0.06
E -N  0.09   494 C  0.02  0.07
-------------Webs-------------
H -L  0.15   849 T
H -B  0.32   817 C        1 Br
L -B  0.18   493 C        1 Br
L -E  0.16   907 T
B -E  0.36  1010 T
N -K  0.26   433 T
K -O  0.11   361 C        1 Br
K -C  0.15   195 T
J -C  0.14   331 T
J -P  0.29   350 C
I -P  0.05   146 T
I -Q  0.24  1344 T
D -Q  0.13  1387 C WindLd

TL Defl  -0.14" in K -J  L/999
LL Defl  -0.07" in K -J  L/999
Shear // Grain  in M -B   0.24

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 0.5 0.4 0.36
M  MT20  2.0x 4.0 Ctr Ctr 0.22
B  MT20  5.0x 7.0 1.6-3.4 0.73
N  MT20  3.0x 7.0 Ctr Ctr 0.24
O  MT20  2.0x 4.0 Ctr Ctr 0.29
C  MT20  5.0x 7.0-1.6-3.4 0.47
P  MT20  3.0x 7.0 Ctr Ctr 0.26
Q  MT20  4.0x 6.0 Ctr Ctr 0.50
H  MT20  5.0x 9.0 Ctr 0.8 0.43
G  MT20  2.0x 4.0 Ctr Ctr 0.58
L  MT20  4.0x 8.0 Ctr Ctr 0.35
F  MT20  2.0x 4.0 Ctr Ctr 0.58
E  MT20  5.0x10.0 Ctr 0.2 0.35
K  MT20  4.0x 8.0 Ctr Ctr 0.20
J  MT20  5.0x 7.0 Ctr-0.5 0.39
I  MT20  3.0x 7.0 2.0 0.3 0.68
D  MT20  2.0x 4.0 Ctr Ctr 0.42

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ROBBINS ENG. 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    4-11- 8
Max comp. force     1572 Lbs
Max tens. force     1344 Lbs
Quality Control Factor 1.25
This truss is designed for a
creep factor of 1.5  which is
used to calculate total load
deflection.
```

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A4*	1	HIPP	350800	8	1- 6- 0	1- 6- 0	*T3506528*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 318.1 LBS

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Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

     CSI -Size- ----Lumber----
TC  0.33  2x 4  SP-#2
BC  0.45  2x 4  SP-#2
WB  0.92  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 35- 8- 0
 BC  Cont.     0- 0- 0 35- 8- 0
One Continuous Lateral Brace
  H -K
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    251   139 U   249 R
M   1321   290 U
N   1435   297 U
D    329   179 U   249 R

Jt   Brg Size   Required
A       3.5"       1.5"
M       3.5"       1.5"
N       3.5"       1.5"
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 -J  0.28   151 T  0.01  0.27
J -Q  0.28   808 C  0.05  0.23
Q -B  0.22   849 C  0.07  0.15
B -K  0.17   772 C  0.00  0.17
K -C  0.17   772 C  0.00  0.17
C -O  0.12   819 C  0.07  0.05
O -L  0.33   393 T  0.05  0.28
L -D  0.31   150 T  0.00  0.31
--------Bottom Chords---------
A -M  0.16   101 T  0.00  0.16
M -P  0.16   101 T  0.00  0.16
P -S1 0.20   667 T  0.11  0.09
S1-H  0.20   700 T  0.11  0.09
H -E  0.42   683 T  0.11  0.31
E -N  0.45   555 T  0.09  0.36
N -D  0.36   134 T  0.00  0.36
-------------Webs-------------
M -J  0.21  1189 C
J -P  0.14   786 T
P -Q  0.24   344 C
Q -S1 0.13   148 C
S1-B  0.10   167 T
B -H  0.11   178 T
H -K  0.09   273 C        1 Br
H -C  0.19   220 T
E -C  0.07    76 T
E -O  0.05   274 T
O -N  0.92   980 C
N -L  0.10   389 C

TL Defl  -0.04" in N -D  L/999
LL Defl  -0.01" in N -D  L/999
Shear // Grain  in L -D   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  4.0x 6.0 0.5 0.4 0.36
J  MT20  3.0x 7.0 Ctr Ctr 0.37
Q  MT20  5.0x 7.0-0.3 0.5 0.41
B  MT20  5.0x 7.0 1.6-3.4 0.49
K  MT20  2.0x 4.0 Ctr Ctr 0.29
C  MT20  5.0x 7.0-1.6-3.4 0.49
O  MT20  5.0x 7.0 0.3 0.5 0.43
L  MT20  2.0x 4.0 Ctr Ctr 0.22
D  MT20  4.0x 6.0-0.5 0.4 0.36
M  MT20  2.0x 4.0 Ctr Ctr 0.32
P  MT20  3.0x 7.0 Ctr Ctr 0.27
S1 MT20  5.0x 7.0 Ctr-0.5 0.43
H  MT20  4.0x 8.0 Ctr Ctr 0.21
E  MT20  5.0x 7.0 Ctr-0.5 0.43
N  MT20  3.0x 7.0 Ctr Ctr 0.34

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

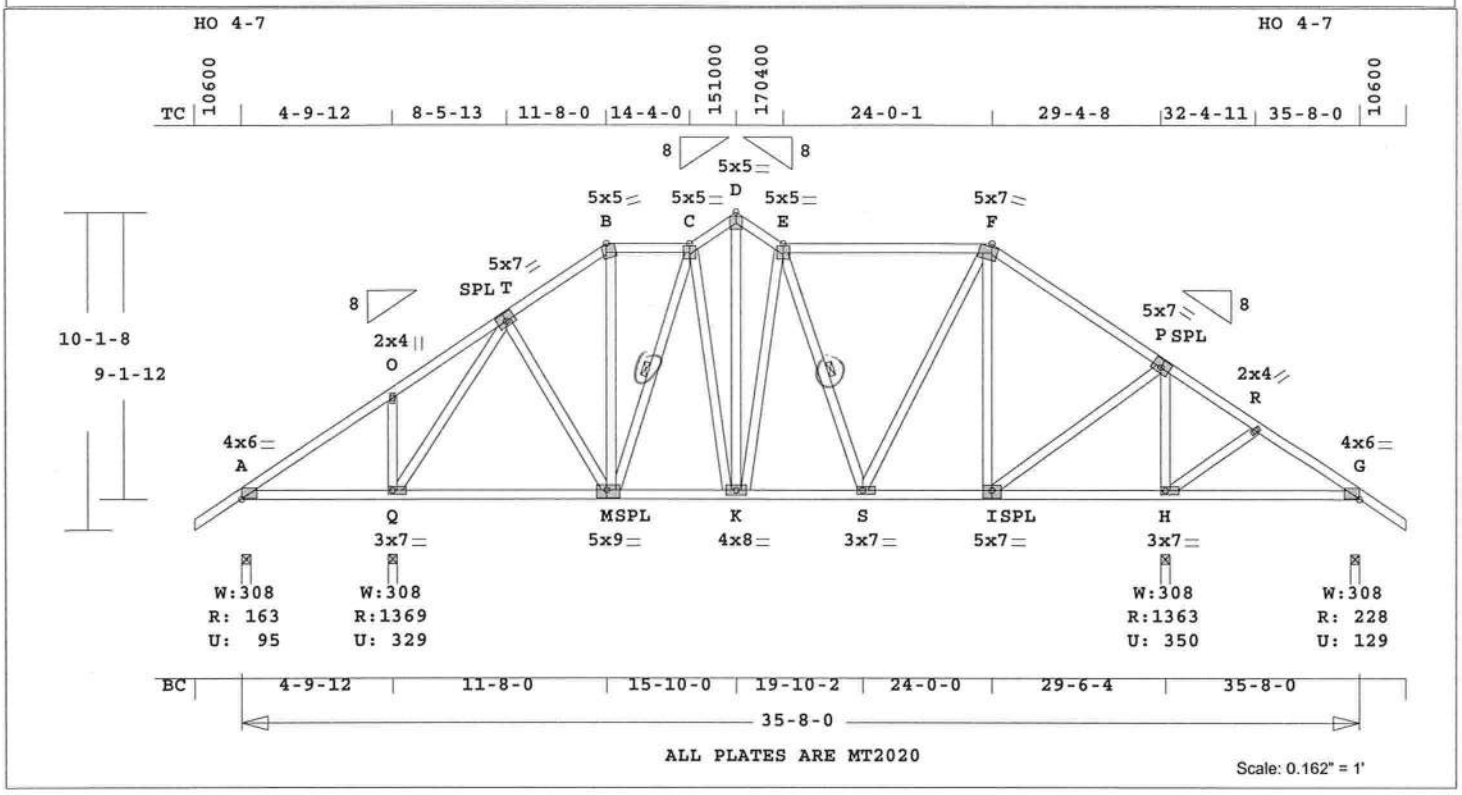
NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
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    4- 9-12
           29- 6- 4   35- 8- 0
Max comp. force     1189 Lbs
Max tens. force      786 Lbs
Quality Control Factor 1.25
This truss is designed for a
creep factor of 1.5  which is
used to calculate total load
deflection.
```


Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A5*	1	SP	350800	8	1- 6- 0	1- 6- 0	*T3506529*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 329.2 LBS

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Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

     CSI -Size- ----Lumber----
TC  0.38  2x 4  SP-#2
BC  0.34  2x 4  SP-#2
WB  0.72  2x 4  SP-#2

Brace truss as follows:
      O.C.      From      To
 TC  Cont.    0- 0- 0 35- 8- 0
 BC  Cont.    0- 0- 0 35- 8- 0
One Continuous Lateral Brace
  M -C   E -S
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    164    96 U   236 R
Q   1370   329 U
H   1363   350 U
G    229   129 U   236 R

Jt   Brg Size   Required
A       3.5"       1.5"
Q       3.5"       1.5"
H       3.5"       1.5"
G       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 -O  0.24   152 T  0.03  0.21
O -T  0.22   156 T  0.01  0.21
T -B  0.12   710 C  0.05  0.07
B -C  0.08   591 C  0.05  0.03
C -D  0.09   744 C  0.07  0.02
D -E  0.15   780 C  0.00  0.15
E -F  0.38   647 C  0.00  0.38
F -P  0.24   587 C  0.00  0.24
P -R  0.25   167 T  0.03  0.22
R -G  0.13   119 T  0.01  0.12
--------Bottom Chords---------
A -Q  0.27   185 C  0.00  0.27
Q -M  0.34   457 T  0.07  0.27
M -K  0.31   677 T  0.11  0.20
K -S  0.17   719 T  0.12  0.05
S -I  0.16   491 T  0.05  0.11
I -H  0.21   177 C  0.00  0.21
H -G  0.21   115 T  0.00  0.21
-------------Webs-------------
Q -O  0.05   322 C
Q -T  0.72  1048 C
T -M  0.04   267 T
M -B  0.10   208 T
M -C  0.07   270 C        1 Br
C -K  0.25   254 C
K -D  0.68   774 T
K -E  0.48   485 C
E -S  0.06   230 C        1 Br
S -F  0.14   342 T
I -F  0.34   359 C
I -P  0.14   760 T
H -P  0.31  1140 C
H -R  0.03   187 T

TL Defl  -0.04" in H -G  L/999
LL Defl  -0.02" in H -G  L/999
Shear // Grain  in E -F   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 0.5 0.4 0.36
O  MT20  2.0x 4.0 Ctr Ctr 0.22
T  MT20  5.0x 7.0-0.3 0.5 0.44
B  MT20  5.0x 5.0 0.9-3.1 0.33
C  MT20  5.0x 5.0 Ctr Ctr 0.46
D  MT20  5.0x 5.0 Ctr Ctr 0.33
E  MT20  5.0x 5.0 Ctr Ctr 0.46
F  MT20  5.0x 7.0-1.6-3.4 0.48
P  MT20  5.0x 7.0 0.3 0.5 0.40
R  MT20  2.0x 4.0 Ctr Ctr 0.23
G  MT20  4.0x 6.0-0.5 0.4 0.36
Q  MT20  3.0x 7.0 Ctr Ctr 0.36
M  MT20  5.0x 9.0 0.5-0.5 0.57
K  MT20  4.0x 8.0 Ctr Ctr 0.23
S  MT20  3.0x 7.0 1.2 Ctr 0.30
I  MT20  5.0x 7.0 Ctr-0.5 0.39
H  MT20  3.0x 7.0 Ctr Ctr 0.23

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ROBBINS ENG. 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     4- 9-12
            29- 6- 4    35- 8- 0
Max comp. force     1140 Lbs
Max tens. force      774 Lbs
Quality Control Factor 1.25
This truss is designed for a
creep factor of 1.5  which is
used to calculate total load
deflection.
```


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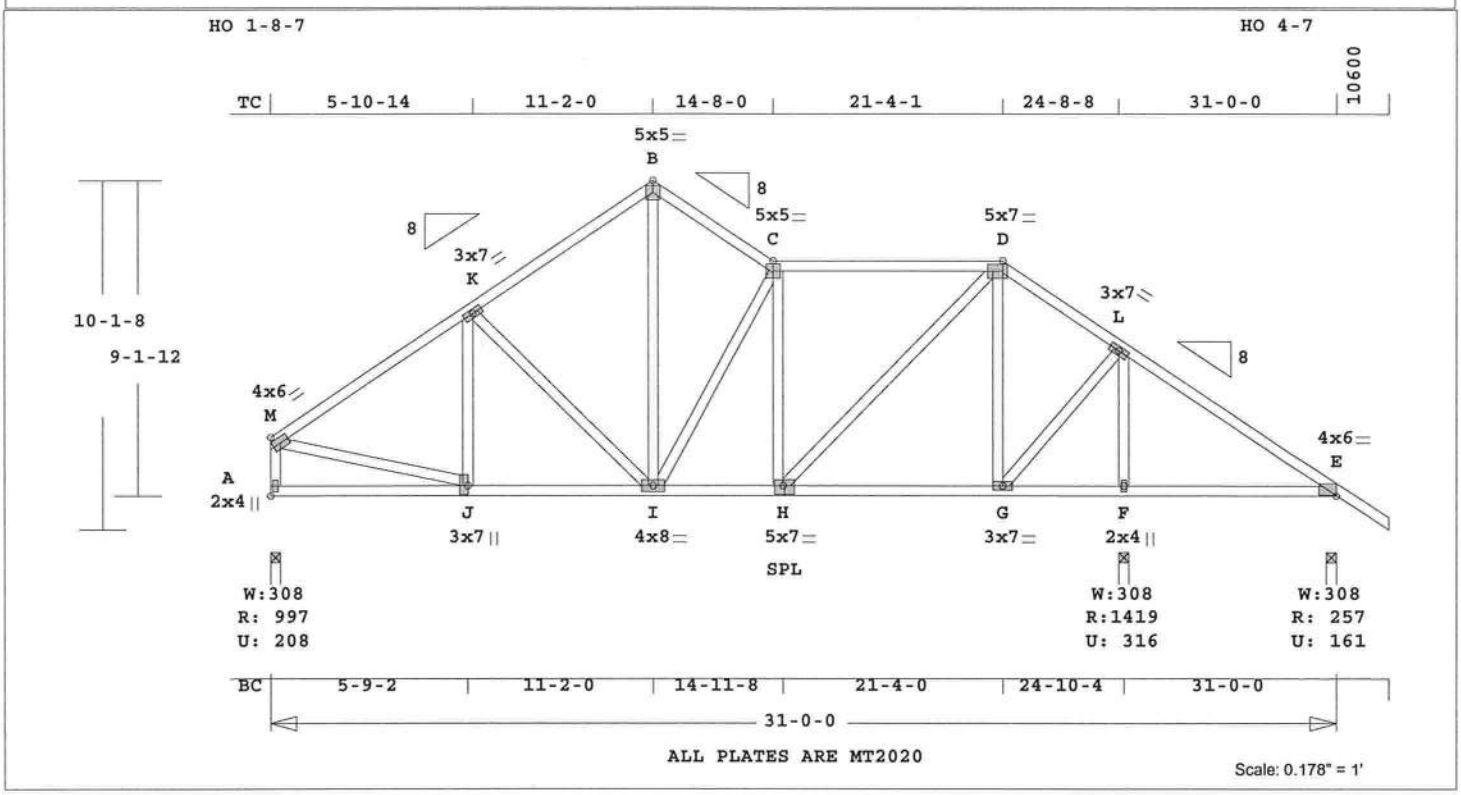
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	*A6*	1	SP	310000	8	0	1- 6- 0	*T3506530*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 253.1 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.37	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	31- 0- 0
BC	Cont.	0- 0- 0	31- 0- 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	998	208 U	254 R
F	1420	316 U	
E	257	161 U	225 R

Jt	Brg Size	Required
A	3.5"	1.5"
F	3.5"	1.5"
E	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					
M -K	0.37	1024 C		0.06	0.31
K -B	0.37	845 C		0.06	0.31
B -C	0.15	826 C		0.07	0.08
C -D	0.36	929 C		0.01	0.35
D -L	0.31	575 C		0.05	0.26
L -E	0.33	125 T		0.03	0.30
Bottom Chords					
A -J	0.20	231 T		0.00	0.20
J -I	0.28	868 T		0.08	0.20
I -H	0.30	934 T		0.15	0.15
H -G	0.25	470 T		0.07	0.18
G -F	0.21	146 C		0.00	0.21
F -E	0.23	146 C		0.00	0.23
Webs					
A -M	0.09	949 C	WindLd		
M -J	0.16	898 T			
J -K	0.04	139 T			
K -I	0.27	329 C			
I -B	0.50	668 T			
I -C	0.40	494 C			
H -C	0.21	326 C			
H -D	0.33	652 T			
G -D	0.28	430 C			
G -L	0.14	810 T			
F -L	0.35	1292 C			

TL Defl -0.07" in F -E L/939
LL Defl -0.03" in F -E L/999
Shear // Grain in C -D 0.24

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
M	MT20	4.0x 6.0	0.1	0.1	0.33
K	MT20	3.0x 7.0	Ctr	Ctr	0.26
B	MT20	5.0x 5.0	Ctr	Ctr	0.33
C	MT20	5.0x 5.0	Ctr	Ctr	0.46
D	MT20	5.0x 7.0	Ctr-0.1		0.49
L	MT20	3.0x 7.0	Ctr	Ctr	0.47
E	MT20	4.0x 6.0-0.5	0.4		0.36
A	MT20	2.0x 4.0	Ctr	Ctr	0.29
J	MT20	3.0x 7.0-1.5	0.3		0.45
I	MT20	4.0x 8.0	Ctr	Ctr	0.20
H	MT20	5.0x 7.0	Ctr-0.5		0.39
G	MT20	3.0x 7.0	Ctr	Ctr	0.34
F	MT20	2.0x 4.0	Ctr	Ctr	0.30

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. 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---
24-10- 4 31- 0- 0
Max comp. force 1292 Lbs
Max tens. force 934 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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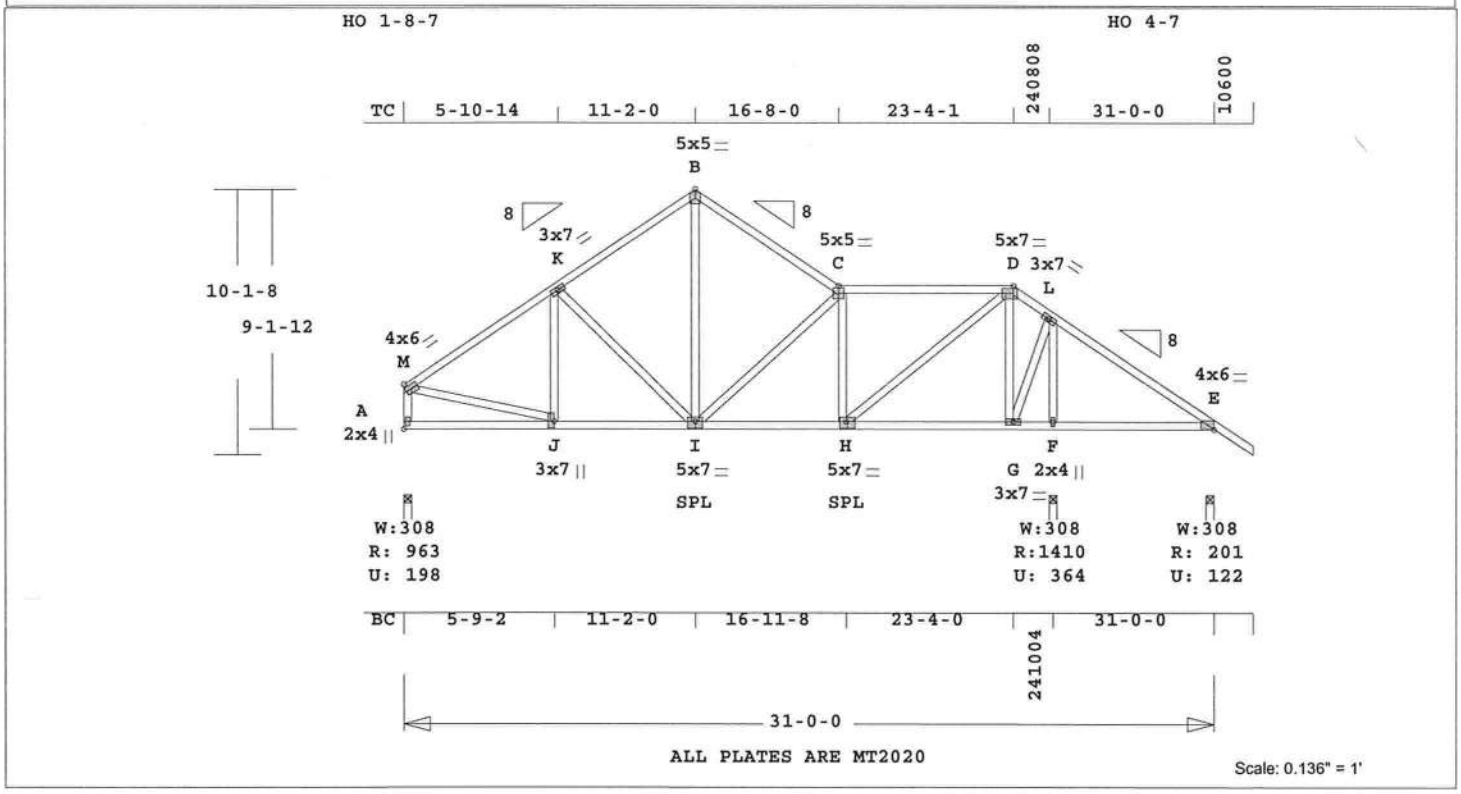
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A7*	1	SP	310000	8	0	1- 6- 0	*T3506531*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 244.8 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.37	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
WB	0.43	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	31- 0- 0
BC	Cont.	0- 0- 0	31- 0- 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	964	199 U	254 R
F	1411	364 U	
E	201	122 U	225 R

Jt	Brg Size	Required
A	3.5"	1.5"
F	3.5"	1.5"
E	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					
M -K	0.35	978 C		0.06	0.29
K -B	0.35	798 C		0.06	0.29
B -C	0.26	785 C		0.06	0.20
C -D	0.30	960 C		0.01	0.29
D -L	0.33	260 T		0.00	0.33
L -E	0.37	190 T		0.04	0.33
Bottom Chords					
A -J	0.19	231 T		0.00	0.19
J -I	0.27	829 T		0.08	0.19
I -H	0.30	970 T		0.10	0.20
H -G	0.21	155 T		0.01	0.20
G -F	0.28	243 C		0.01	0.27
F -E	0.28	243 C		0.01	0.27
Webs					
A -M	0.09	914 C	WindLd		
M -J	0.15	857 T			
J -K	0.04	131 T			
K -I	0.26	316 C			
I -B	0.38	554 T			
I -C	0.36	421 C			
H -C	0.21	517 C			
H -D	0.43	1031 T			
G -D	0.27	677 C			
G -L	0.14	760 T			
F -L	0.34	1250 C			

TL Defl -0.07" in F -E L/999
LL Defl -0.03" in F -E L/999
Shear // Grain in C -D 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
M	MT20	4.0x 6.0	0.1	0.1	0.31
K	MT20	3.0x 7.0	Ctr	Ctr	0.26
B	MT20	5.0x 5.0	Ctr	Ctr	0.33
C	MT20	5.0x 5.0	Ctr	Ctr	0.46
D	MT20	5.0x 7.0	Ctr-0.1		0.49
L	MT20	3.0x 7.0	Ctr	Ctr	0.48
E	MT20	4.0x 6.0-0.5	0.4		0.36
A	MT20	2.0x 4.0	Ctr	Ctr	0.29
J	MT20	3.0x 7.0-1.5	0.3		0.43
I	MT20	5.0x 7.0	Ctr-0.5		0.44
H	MT20	5.0x 7.0	Ctr-0.5		0.39
G	MT20	3.0x 7.0	Ctr	Ctr	0.48
F	MT20	2.0x 4.0	Ctr	Ctr	0.29

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. 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---
24-10- 4 31- 0- 0
Max comp. force 1250 Lbs
Max tens. force 1031 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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October 9,2009