DATE 09/05/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027314

APPLICANT ROBERT PARNELL PHONE 755-7878

ADDRESS 323 S MARION AVE LAKE CITY FL 32025

OWNER CHARLES POIRIER PHONE 755-6929

ADDRESS 448 SW WEIRSDALE PLACE LAKE CITY FL 32024

CONTRACTOR ROBERT PARNELL PHONE 755-7878

LOCATION OF PROPERTY 90W, TO PINEMOUNT, TL ON GODBOLT, TR SATELITE, TL
SABRE AVE, TL WEIRSDALE, 4TH LOT ON RIGHT

TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 21750.00

HEATED FLOOR AREA 435.00 TOTAL AREA 435.00 HEIGHT ___ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT ___

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

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

PARCEL ID 14-4S-15-00367-154 SUBDIVISION PINEMOUNT HEIGHTS

LOT 4 BLOCK ___ PHASE ___ UNIT ___ TOTAL ACRES 5.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		RB0067106	X Robert W Parnell

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	08-580	BK	HD	N

COMMENTS: NOC ON FILE

Check # or Cash 8305

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 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

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

M/H tie downs, blocking, electricity and plumbing ___ date/app. by Pool ___ date/app. by

Reconnection ___ date/app. by Pump pole ___ date/app. by Utility Pole ___ date/app. by

M/H Pole ___ date/app. by Travel Trailer ___ date/app. by Re-roof ___ date/app. by

BUILDING PERMIT FEE $ 110.00 CERTIFICATION FEE $ 2.18 SURCHARGE FEE $ 2.18

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** 189.36

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CH

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Columbia County Building Permit Application

For Office Use Only Application # 0808-37 Date Received 8-20-08 By LH Permit # 27314

Zoning Official BLK Date 04.09.08 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner HD Date 8-28-08

Comments

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 Exempt

Septic Permit No. 08-580-E Fax (386) 755 3625

Name Authorized Person Signing Permit ROBERT W. PARNELL Phone (386) 755 7878

Address 323 S. MARION AVE LAKE CITY FL 32025

Owners Name CHARLES & KATHARINE POIRIER Phone (386) 755 6929

911 Address 448 SW WEIRSDALE PL LAKE CITY FL 32024

Contractors Name ROBERT W. PARNELL Phone (386) 755 7878

Address 323. S. MARION AVE LAKE CITY FL 32025

Fee Simple Owner Name & Address CHARLES & KATHARINE POIRIER 448 SW WEIRSDALE PL LAKE CITY FL 32024

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address FREEMAN DESIGN GROUP 128 SW NASSAU ST LC FL 32025

Mortgage Lenders Name & Address N/A

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

Property ID Number 14-45-15-00367-154 HX Estimated Cost of Construction $33,500

Subdivision Name PINEMOUNT HEIGHTS Lot 4 Block B Unit Phase

Driving Directions US 90, to Pinemount, TL on Godbolt, TR Sable, TL on Sable Ave, TL Weirsdale, 4th lot on right

Number of Existing Dwellings on Property 1

Construction of ADDITION Total Acreage 5.01 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive) Total Building Height 17'

Actual Distance of Structure from Property Lines - Front 40' R Side 170 L Side 285 Rear 327'-6"

Number of Stories 1 Heated Floor Area 1777 435 Total Floor Area 2218 435 Roof Pitch 6/12

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

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.

Robert W Ramsell
Contractor's Signature (Permitee)

Contractor's License Number RB0067106
Columbia County
Competency Card Number CCC1295

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 18 day of Aug 2008.

Personally known ✓ or Produced Identification

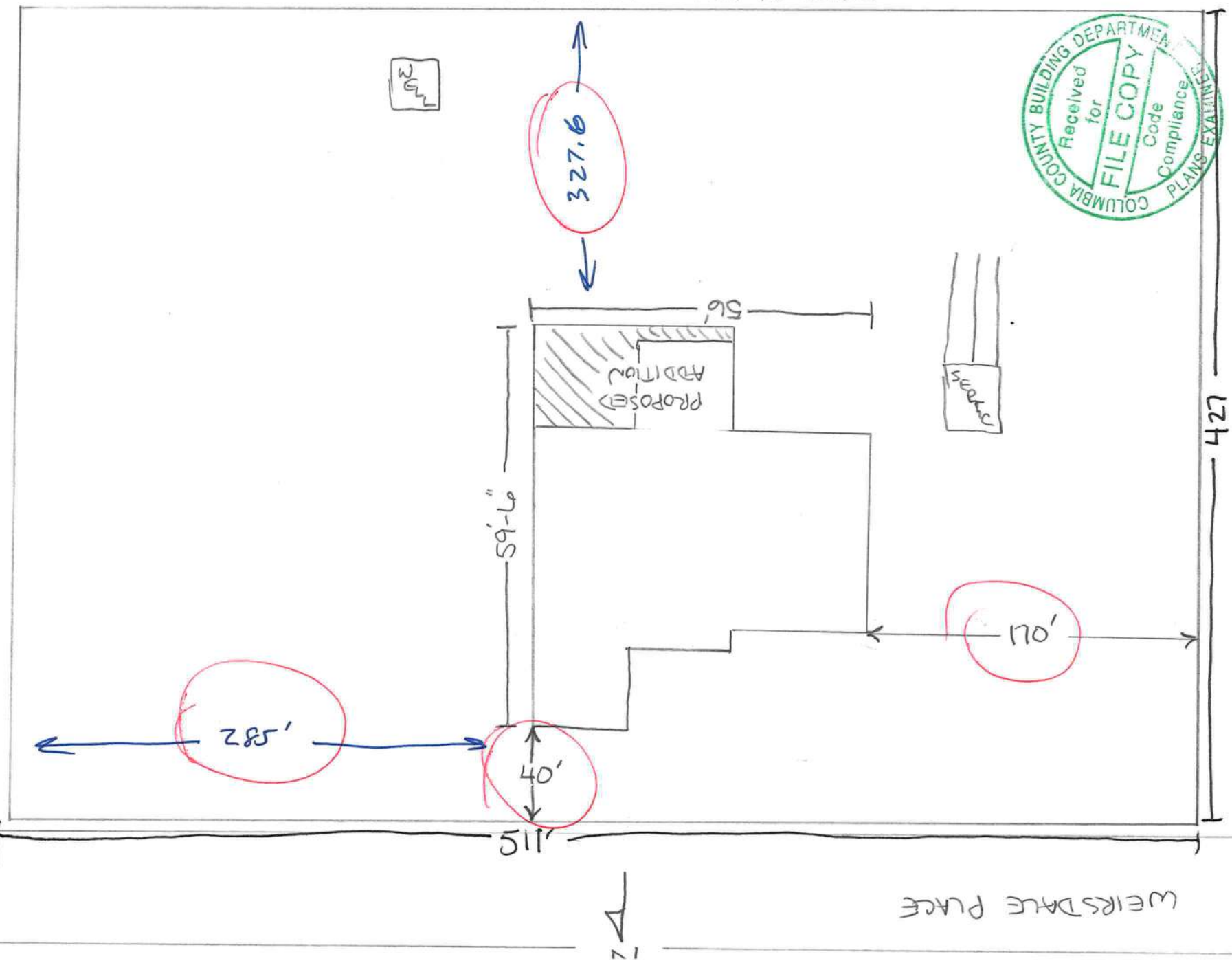
IRVING H. CROWETZ
MY COMMISSION # DD 523783
EXPIRES: April 26, 2010
Bonded Thru Notary Public Underwriters
SEAL

State of Florida Notary Signature (For the Contractor)

Revised 1-10-08

CHARLES & KATHERINE POIRIER
448 SW WEIRSDALE PLACE
LAKE CITY FL 32024

SITE PLAN NOT TO SCALE



Columbia County Property Appraiser

DB Last Updated: 8/5/2008

2008 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

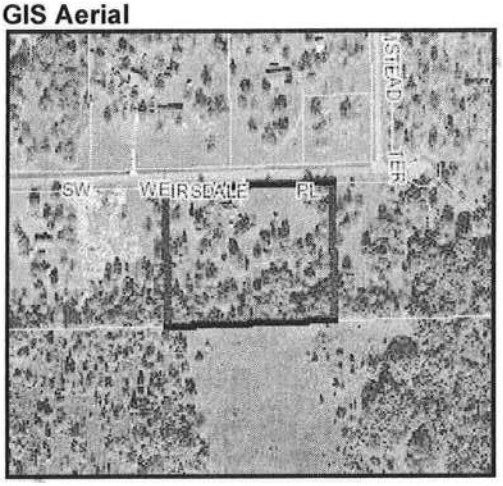
Parcel: 14-4S-15-00367-154 HX

Search Result: 1 of 1

Owner & Property Info

Owner's Name	POIRIER CHARLES R &		
Site Address	WEIRSDALE		
Mailing Address	KATHARINE E POIRIER 448 SW WEIRSDALE PL LAKE CITY, FL 32024		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	14415.01	**Tax District**	3
UD Codes	MKTA01	**Market Area**	01
Total Land Area	5.010 ACRES		
Description	LOT 4 BLK B PINEMOUNT HEIGHTS S/D. ORB 1001-469.		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	$52,250.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$100,637.00
XFOB Value	cnt: (2)	$4,926.00
Total Appraised Value		$157,813.00

Just Value		$157,813.00
Class Value		$0.00
Assessed Value		$143,537.00
Exempt Value	(code: HX)	$50,000.00
Total Taxable Value		$93,537.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
11/21/2003	1001/469	WD	I	Q		$129,900.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1996	Common BRK (19)	1677	2172	$100,637.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	1996	$2,626.00	1313.000	0 x 0 x 0	(.00)
0180	FPLC 1STRY	1996	$2,300.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (5.010AC)	1.00/1.00/1.00/1.00	$52,250.00	$52,250.00

Columbia County Property Appraiser DB Last Updated: 8/5/2008

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 14-4S-15-00367-154HX

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

Description of property (legal description): LOT 4 BLK B PINEMOUNT HEIGHTS S/D. ORB 1001-469.
General description of Improvements; 450 SQUARE FOOT ADDITION,MINUS FLOORING, ON EXISTING HOME.

3. Owner Information
   A) Name and address: CHARLES POIRIER, 448 SW WEIRSDALE PL, LAKE CITY, FL 32024
   Name and address of fee simple lienholder (if other than owner)_____
   C) Interest in property_____
4. Contractor Information
   A) Name and address: ROBERT PARNELL 323 S. MARION AVE LAKE CITY FL 32025
   B) Telephone 386-755-7878 Fax 386-755-3625
5. Surety Information
   A) Name and address:_____
   B) Amount of Bond _____
   C) Telephone _____ Fax _____
6. Lender
   A) Name and address: _____
   B) Phone _____
7. Identity of person within the State of Florida designated by owner upon whom notices of other documents may be served:
   A) Name and address: _____
   B) Telephone _____ Fax _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713-013(1)(b), Florida Statutes:
   A) Name and Address: _____
   B) Telephone _____
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 PAYMENT MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1, SECTION 713.13, FLORIDA STATUES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOU 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. Charles Poirier
Signature of Owner or owner's authorized officer/director
Charlie Poirier
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 16 day of Aug, 2008
by Charles Poirier as _____ for _____
Personally Known

IRVING H. CROWETZ
MY COMMISSION # DD 523783
EXPIRES: April 26, 2010
Bonded Thru Notary Public Underwriters

Notary Signature

11. Verification pursuant to Section 95.525, Florida Statures. 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

Robert W Parnell
Signature of Natural Person Signing (In line #10 above.)

Inst:200812015551 Date:8/20/2008 Time:1:08 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1156 P:2536

COLUMBIA COUNTY Received
FILE COPY
Code Compliance
PLANS EXAMINER INT

08-580-E

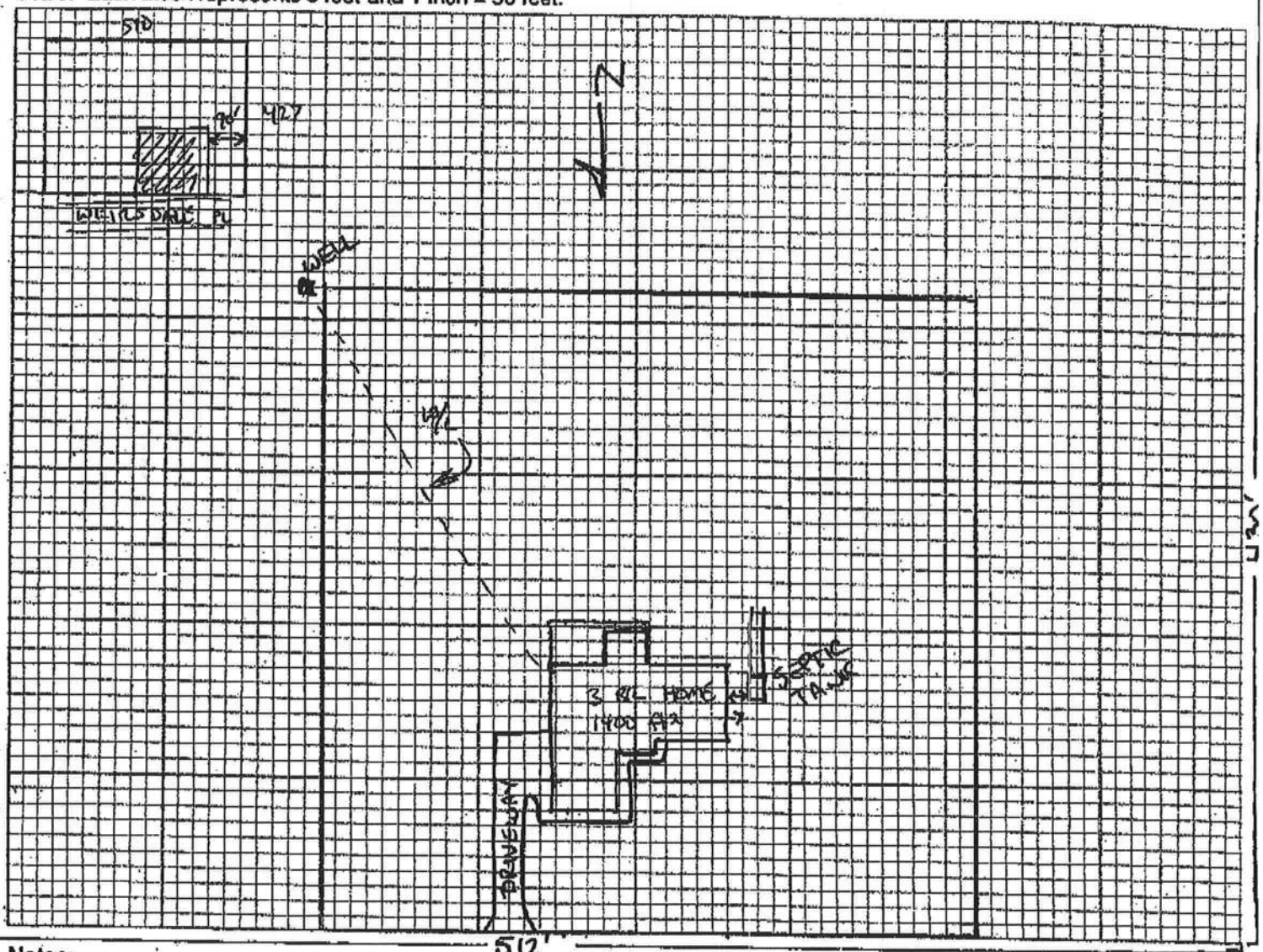
STATE OF FLORIDA
DEPARTMENT OF HEALTH Poirier

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-580-E

PART II - SITE PLAN

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



Notes:

WELL LOCATED 211' FROM N EDGE 205' FROM E EDGE

SEPTIC TANK LOCATED 81' (¢) FROM FRONT 160' FROM W BOUNDARY

Site Plan submitted by: Michael W Parnell V.P.
Signature Title

Plan Approved / Not Approved Date 8/19/8

By APPROVED Columbia CHD County Health Departme

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Only Plans Examiner

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/98 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

PRODUCT APPROVAL SPECIFICATION SHEET

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

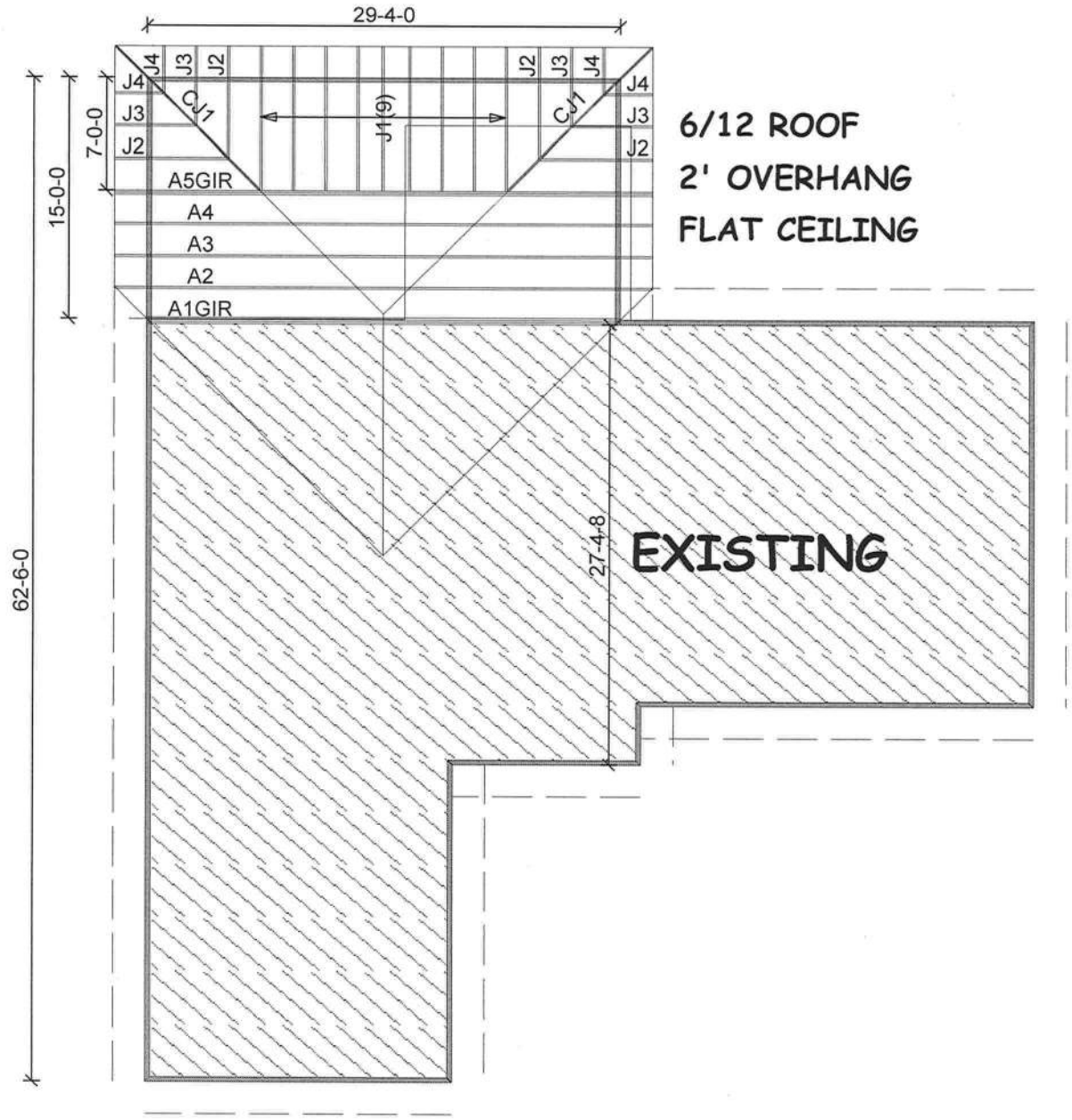
Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	MASONITE INT.	5-0/6-8 INSULATED STEEL/PVC JAMB	FL 4904.1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	ESP	INSULATED ALUMINUM SINGLE HUNG	FL 5768
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS	~~KAISER~~ ALCOA	18" ALUMINUM SOFFIT - VENTED	FL 5546
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	CERTAINTEED	25 XT 3-TAB SHINGLES	FL 5444
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	SIMPSON	LUS 26 H2.5A HANGER/H-STRAP	FL 3750 R2 / FL 503 R1
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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

Michael W Parnell
APPLICANT SIGNATURE

8-20-08
DATE

R-1305 01-04



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

PARNELL CONSTRUCTION

POIRER

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: CONTRACTORS
Job: PARNELL-POIRER
Designer: C. LITTLE
Checker:
Date: 08-15-08

RE: PARNELL-POIRER -

Site Information:
Customer Info: PARNELL CONSTRUCTION Model: POIRER
Lot/Block: . Subdivision: .
Address: .
City: SUWANNEE COUNTY 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: FBC2004/TPI2002 Design Program: Robbins OnLine Plus 22.0.019
Wind Code: ASCE 7-02 Wind Speed: 120 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 10 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	T3118066	A1GIR	8/14/08
2	T3118067	A2	8/14/08
3	T3118068	A3	8/14/08
4	T3118069	A4	8/14/08
5	T3118070	A5GIR	8/14/08
6	T3118071	CJ1	8/14/08
7	T3118072	J1	8/14/08
8	T3118073	J2	8/14/08
9	T3118074	J3	8/14/08
10	T3118075	J4	8/14/08

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: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2009.

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.

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

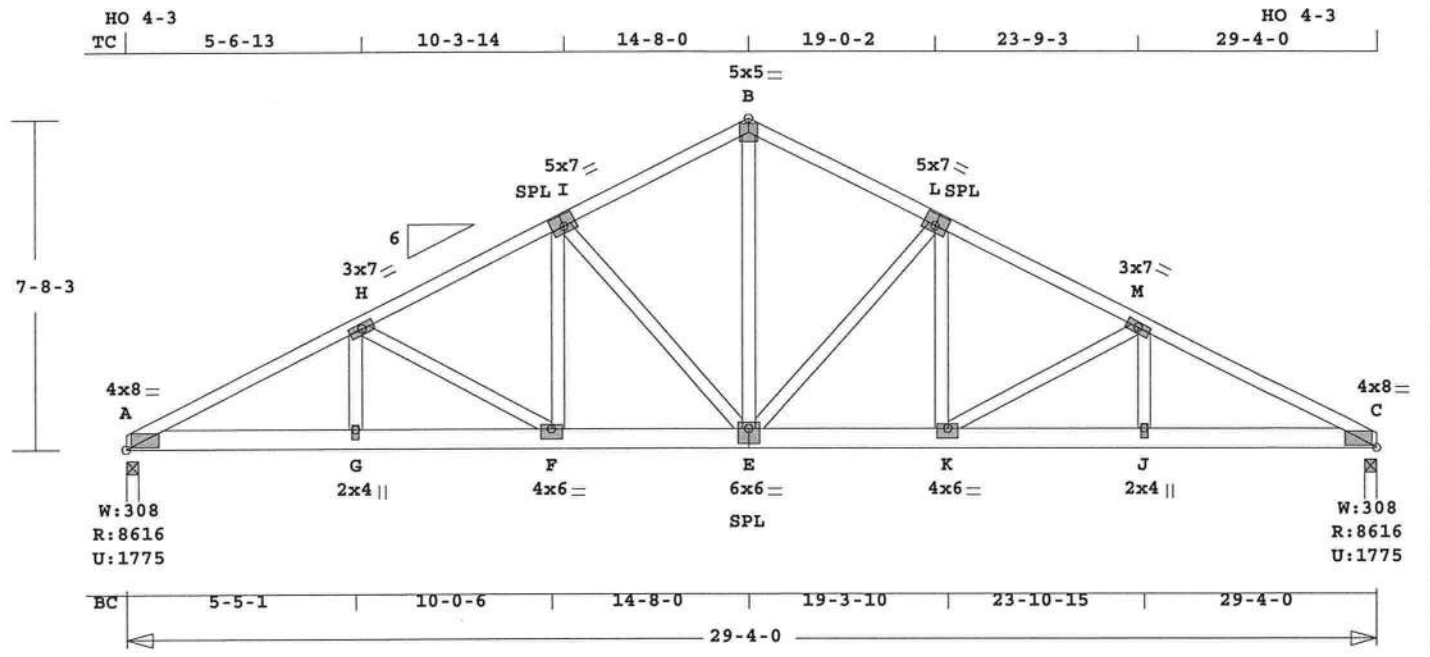
6904 Parke East Boulevard
Tampa, FL 33610-4115
Phone: 813-972-1135 • Fax: 813-971-6117
www.robbinseng.com

DALLAS • **TAMPA** • FT. WORTH

August 14,2008
Albani, Thomas

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	A1GIR	1*3P	TR	290400	6	0	0	T3118066

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 228.3 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08
****
* 3-Ply Truss *
****

	CSI	Size	Lumber
TC	0.50	2x 4	SP-#2
BC	0.94	2x 6	SP-#2
WB	0.51	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 4- 0
BC	Cont.	0- 0- 0	29- 4- 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	8617	1776 U	175 R
C	8616	1776 U	175 R

Jt	Brg Size	Required
A	3.5"	3.4"
C	3.5"	3.4"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	29.3'
BC V	274	254	0.0'	29.3'

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 -H	0.50	15727 C	0.41		0.09
H -I	0.38	12587 C	0.33		0.05
I -B	0.33	9652 C	0.26		0.07
B -L	0.33	9652 C	0.26		0.07
L -M	0.38	12587 C	0.33		0.05
M -C	0.50	15727 C	0.41		0.09
Bottom Chords					
A -G	0.94	14089 T	0.57		0.37
G -F	0.80	14089 T	0.57		0.23
F -E	0.72	11254 T	0.45		0.27
E -K	0.72	11254 T	0.45		0.27
K -J	0.80	14089 T	0.57		0.23
J -C	0.94	14089 T	0.57		0.37
Webs					
G -H	0.16	2660 T			
H -F	0.13	3249 C			
F -I	0.24	4003 T			
I -E	0.20	3923 C			
E -B	0.51	8302 T			
E -L	0.20	3923 C			
K -L	0.24	4003 T			
K -M	0.13	3249 C			
J -M	0.16	2660 T			

TL Defl -0.37" in F -E L/943
LL Defl -0.18" in F -E L/999
Shear // Grain in A -G 0.39

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 8.0	Ctr-0.1		0.92
H	MT20	3.0x 7.0	Ctr Ctr		0.45
I	MT20	5.0x 7.0-0.2	0.5		0.50
B	MT20	5.0x 5.0	Ctr Ctr		0.81
L	MT20	5.0x 7.0	0.2	0.5	0.50
M	MT20	3.0x 7.0	Ctr Ctr		0.45
C	MT20	4.0x 8.0	Ctr-0.1		0.92
G	MT20	2.0x 4.0	Ctr-0.8		0.58
F	MT20	4.0x 6.0	Ctr-0.8		0.75
E	MT20	6.0x 6.0	Ctr-1.2		0.95
K	MT20	4.0x 6.0	Ctr-0.8		0.75
J	MT20	2.0x 4.0	Ctr-0.8		0.58

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:
FBC2004
Girder Common
Loading BC
Span 27- 4- 8
3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS4.5 screws -OR- 16d nails as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	12	20	0
WB	1	8	8	

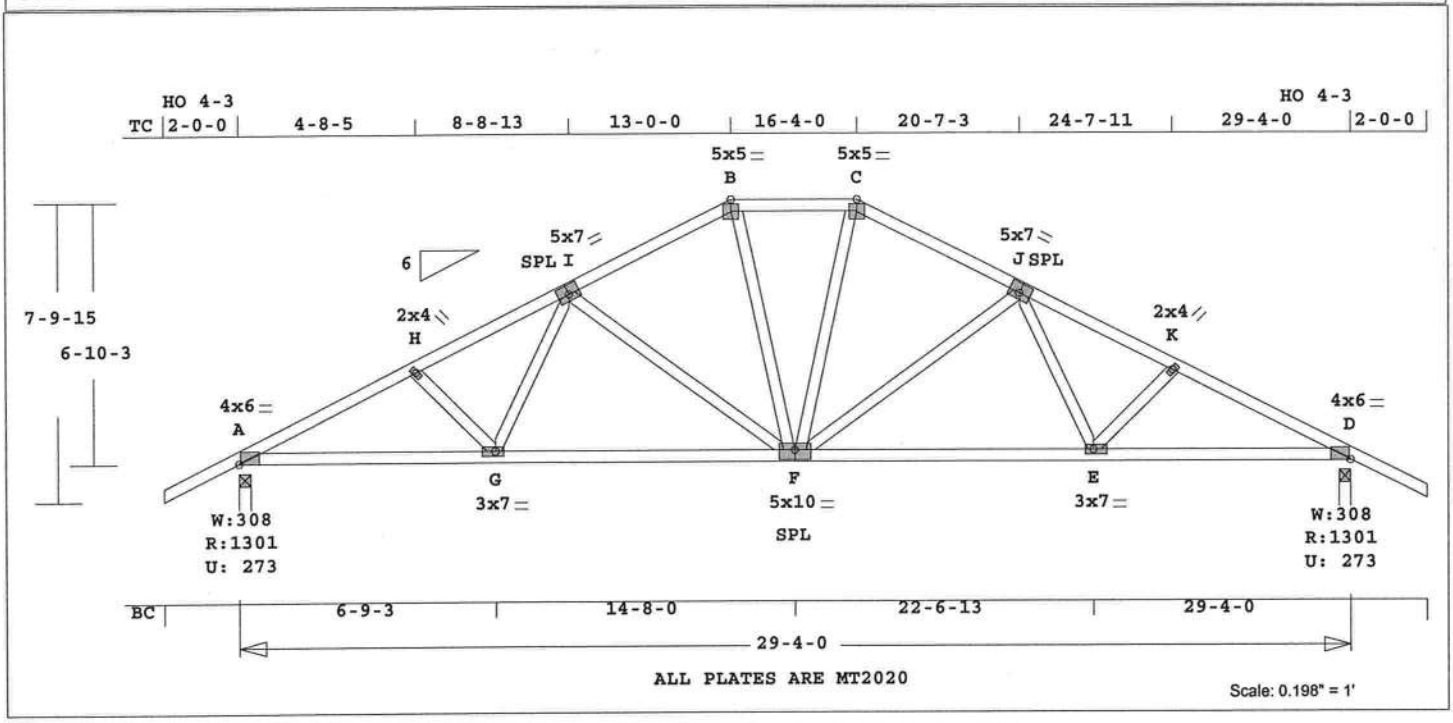
Web Connection Exception --
Use 4" spacing for screws or nails on the following webs
E -B
No bolts in 2x4s or smaller.
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* 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 15727 Lbs
Max tens. force 14089 Lbs
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	A2	1	HIPP	290400	6	2- 0- 0	2- 0- 0	T3118067

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 204.9 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.51	2x 4	SP-#2
WB	0.40	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 4- 0
BC	Cont.	0- 0- 0	29- 4- 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	1301	274 U	157 R
D	1301	274 U	157 R

Jt	Brg Size	Required
A	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 -H	0.30	2110 C	0.16	0.14
H -I	0.34	1936 C	0.15	0.19
I -B	0.30	1354 C	0.12	0.18
B -C	0.19	1298 C	0.12	0.07
C -J	0.30	1354 C	0.12	0.18
J -K	0.34	1936 C	0.15	0.19
K -D	0.30	2110 C	0.16	0.14
--------Bottom Chords---------				
A -G	0.44	1883 T	0.19	0.25
G -F	0.51	1606 T	0.16	0.35
F -E	0.51	1606 T	0.16	0.35
E -D	0.44	1883 T	0.19	0.25
----------Webs----------				
H -G	0.04	285 T		
G -I	0.05	374 T		
I -F	0.40	495 C		
B -F	0.17	390 T		
F -C	0.17	390 T		
F -J	0.40	495 C		
J -E	0.05	374 T		
E -K	0.04	285 T		

TL Defl -0.21" in G -F L/999
LL Defl -0.09" in G -F L/999
Shear // Grain in A -H 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	4.0x 6.0	Ctr	0.1	0.45
H	MT20	2.0x 4.0	Ctr	Ctr	0.23
I	MT20	5.0x 7.0	-0.2	0.5	0.43
B	MT20	5.0x 5.0	Ctr	-0.2	0.51
C	MT20	5.0x 5.0	Ctr	-0.2	0.51
J	MT20	5.0x 7.0	0.2	0.5	0.43
K	MT20	2.0x 4.0	Ctr	Ctr	0.23
D	MT20	4.0x 6.0	Ctr	0.1	0.45
G	MT20	3.0x 7.0	-0.8	Ctr	0.26
F	MT20	5.0x10.0	Ctr	-0.5	0.53
E	MT20	3.0x 7.0	0.8	Ctr	0.26

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:
FBC2004

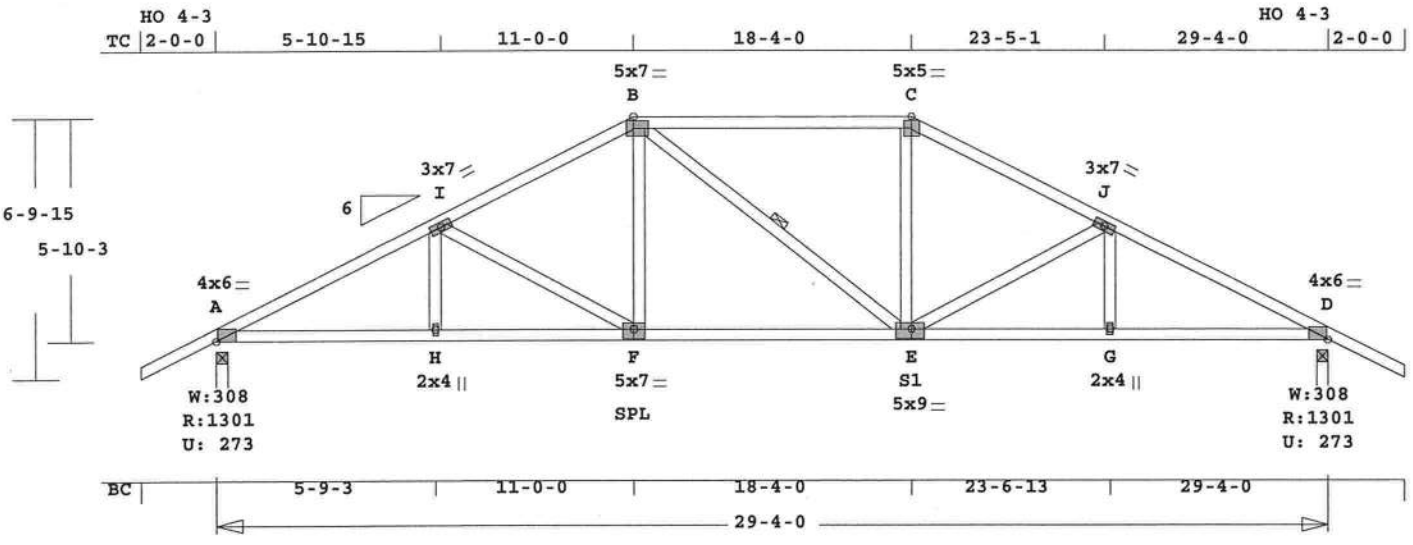
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2110 Lbs
Max tens. force 1883 Lbs
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	A3	1	HIPP	290400	6	2- 0- 0	2- 0- 0	T3118068

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 192.7 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.56	2x 4	SP-#2
BC	0.44	2x 4	SP-#2
WB	0.24	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 4- 0
BC	Cont.	0- 0- 0	29- 4- 0

One Continuous Lateral Brace
B -S1
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	1301	274 U	132 R
D	1301	274 U	132 R

Jt	Brg Size	Required
A	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 -I	0.41	2063 C	0.15 0.26
I -B	0.39	1631 C	0.13 0.26
B -C	0.56	1464 C	0.03 0.53
C -J	0.39	1632 C	0.13 0.26
J -D	0.41	2064 C	0.15 0.26
--------Bottom Chords---------			
A -H	0.38	1845 T	0.30 0.08
H -F	0.42	1845 T	0.30 0.12
F -S1	0.38	1458 T	0.15 0.23
S1-G	0.44	1846 T	0.30 0.14
G -D	0.38	1846 T	0.30 0.08
------------Webs------------			
H -I	0.03	201 T	
I -F	0.24	432 C	
F -B	0.06	409 T	
B -S1	0.03	106 T	1 Br
S1-C	0.07	409 T	
S1-J	0.24	433 C	
G -J	0.03	199 T	

TL Defl -0.21" in F -S1 L/999
LL Defl -0.09" in F -S1 L/999
Shear // Grain in B -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
I	MT20	3.0x 7.0	Ctr	Ctr	0.19
B	MT20	5.0x 7.0	-0.5	-0.1	0.49
C	MT20	5.0x 5.0	Ctr	-0.2	0.51
J	MT20	3.0x 7.0	Ctr	Ctr	0.19
D	MT20	4.0x 6.0	Ctr	0.1	0.44
H	MT20	2.0x 4.0	Ctr	Ctr	0.29
F	MT20	5.0x 7.0	Ctr	-0.5	0.39
S1	MT20	5.0x 9.0	-0.5	-0.5	0.46
G	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.

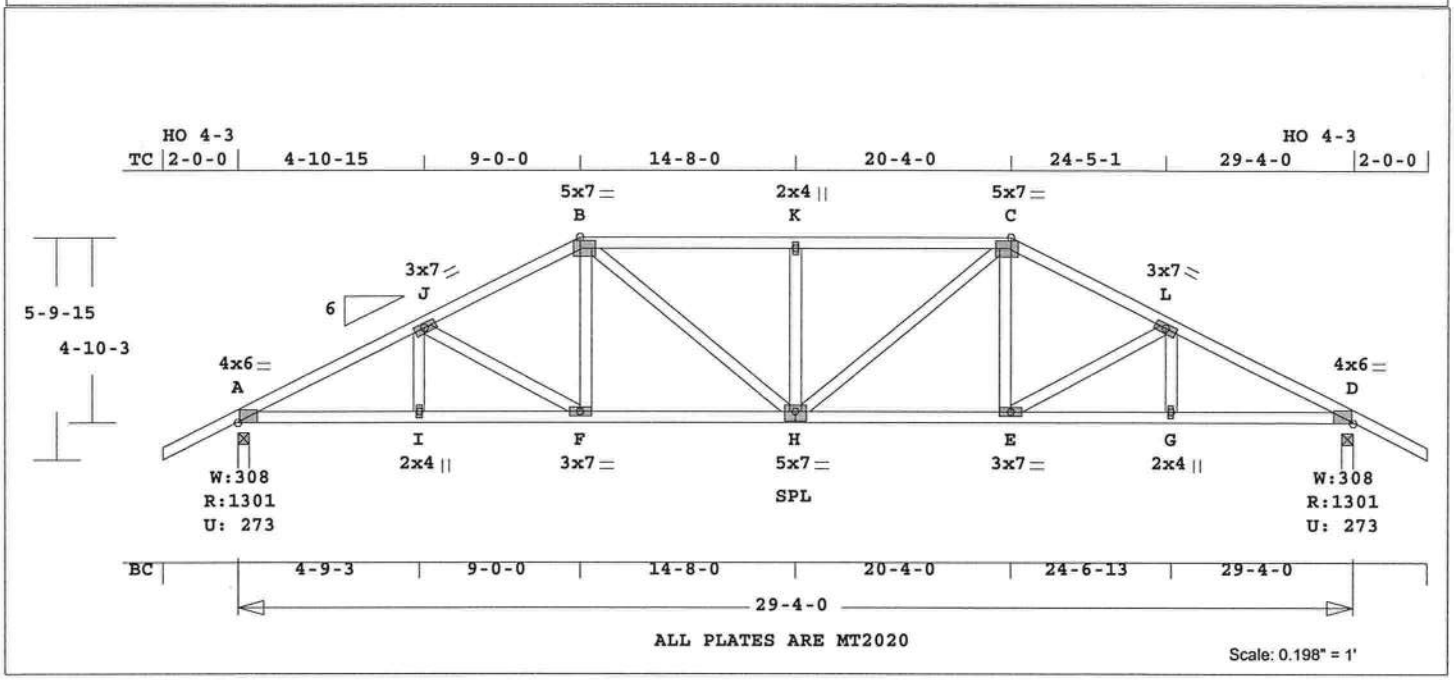
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 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 2064 Lbs
Max tens. force 1846 Lbs
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan'	Type'	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	A4	1	HIPP	290400	6	2- 0- 0	2- 0- 0	T3118069

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 199.3 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.38	2x 4	SP-#2
WB	0.16	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 4- 0
BC	Cont.	0- 0- 0	29- 4- 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	1301	274 U	108 R
D	1301	274 U	108 R

Jt	Brg Size	Required
A	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 -J	0.33	2107 C	0.16 0.17
J -B	0.31	1787 C	0.14 0.17
B -K	0.35	1901 C	0.02 0.33
K -C	0.35	1901 C	0.02 0.33
C -L	0.31	1787 C	0.14 0.17
L -D	0.33	2107 C	0.16 0.17
Bottom Chords			
A -I	0.37	1880 T	0.31 0.06
I -F	0.38	1880 T	0.31 0.07
F -H	0.34	1598 T	0.26 0.08
H -E	0.34	1598 T	0.26 0.08
E -G	0.38	1880 T	0.31 0.07
G -D	0.37	1880 T	0.31 0.06
Webs			
I -J	0.02	154 T	
J -F	0.11	316 T	
F -B	0.04	314 T	
B -H	0.16	390 T	
H -K	0.12	378 C	
H -C	0.16	390 T	
E -C	0.04	314 T	
E -L	0.11	316 T	
G -L	0.02	154 T	

TL Defl -0.20" in H -E L/999
LL Defl -0.09" in F -H L/999
Shear // Grain in B -K 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	Ctr	0.1	0.45
J	MT20	3.0x 7.0	Ctr	Ctr	0.19
B	MT20	5.0x 7.0	-0.5	-0.1	0.49
K	MT20	2.0x 4.0	Ctr	Ctr	0.29
C	MT20	5.0x 7.0	0.5	-0.1	0.49
L	MT20	3.0x 7.0	Ctr	Ctr	0.19
D	MT20	4.0x 6.0	Ctr	0.1	0.45
I	MT20	2.0x 4.0	Ctr	Ctr	0.29
F	MT20	3.0x 7.0	Ctr	Ctr	0.19
H	MT20	5.0x 7.0	Ctr	-0.5	0.43
E	MT20	3.0x 7.0	Ctr	Ctr	0.19
G	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.

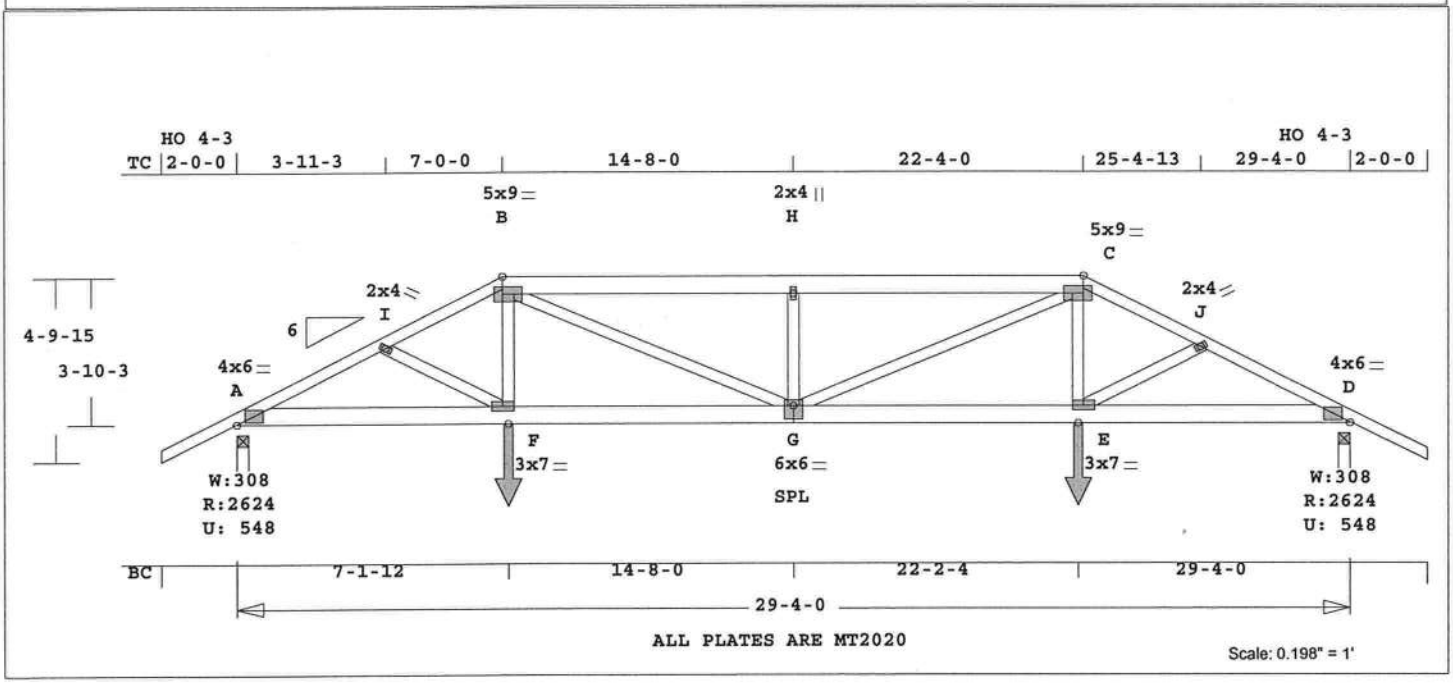
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 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 2107 Lbs
Max tens. force 1880 Lbs
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	A5GIR	1*2P	HIPP	290400	6	2- 0- 0	2- 0- 0	T3118070

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 224.6 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.46	2x 6	SP-#2
--	0.35	2x 4	SP-#2
	A -B	C -D	
BC	0.39	2x 6	SP-#2
WB	0.19	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 4- 0
BC	Cont.	0- 0- 0	29- 4- 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=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2624	549 U	82 R
D	2624	549 U	82 R

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

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	29.3'
BC V	20	0	0.0'	29.3'
TC V	25	50	7.0'	22.3'
BC V	25	0	7.1'	22.2'
BC V	280	280	7.1'	CL-LB
BC V	280	280	22.2'	CL-LB

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 -I	0.27	5022 C	0.20 0.07
I -B	0.35	4943 C	0.20 0.15
B -H	0.46	6355 C	0.18 0.28
H -C	0.46	6355 C	0.18 0.28
C -J	0.35	4943 C	0.20 0.15
J -D	0.27	5022 C	0.20 0.07
--------Bottom Chords---------			
A -F	0.36	4468 T	0.29 0.07
F -G	0.39	4441 T	0.29 0.10
G -E	0.39	4441 T	0.29 0.10
E -D	0.36	4468 T	0.29 0.07
------------Webs------------			
I -F	0.01	185 T	
F -B	0.07	851 T	
B -G	0.19	2079 T	
G -H	0.07	1235 C	
G -C	0.19	2079 T	
E -C	0.07	851 T	
E -J	0.01	185 T	

TL Defl -0.26" in F -G L/999
LL Defl -0.12" in F -G L/999
Shear // Grain in B -H 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	Ctr	0.56
I	MT20	2.0x 4.0	Ctr	Ctr	0.13
B	MT20	5.0x 9.0	Ctr	Ctr	0.73
H	MT20	2.0x 4.0	Ctr	Ctr	0.35
C	MT20	5.0x 9.0	Ctr	Ctr	0.73
J	MT20	2.0x 4.0	Ctr	Ctr	0.13
D	MT20	4.0x 6.0	Ctr	Ctr	0.56
F	MT20	3.0x 7.0	Ctr	Ctr	0.16
G	MT20	6.0x 6.0	Ctr	-1.2	0.82
E	MT20	3.0x 7.0	Ctr	Ctr	0.16

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:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

	----Spacing (In)----		
Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 2	12	24	0
WB 1	8	8	

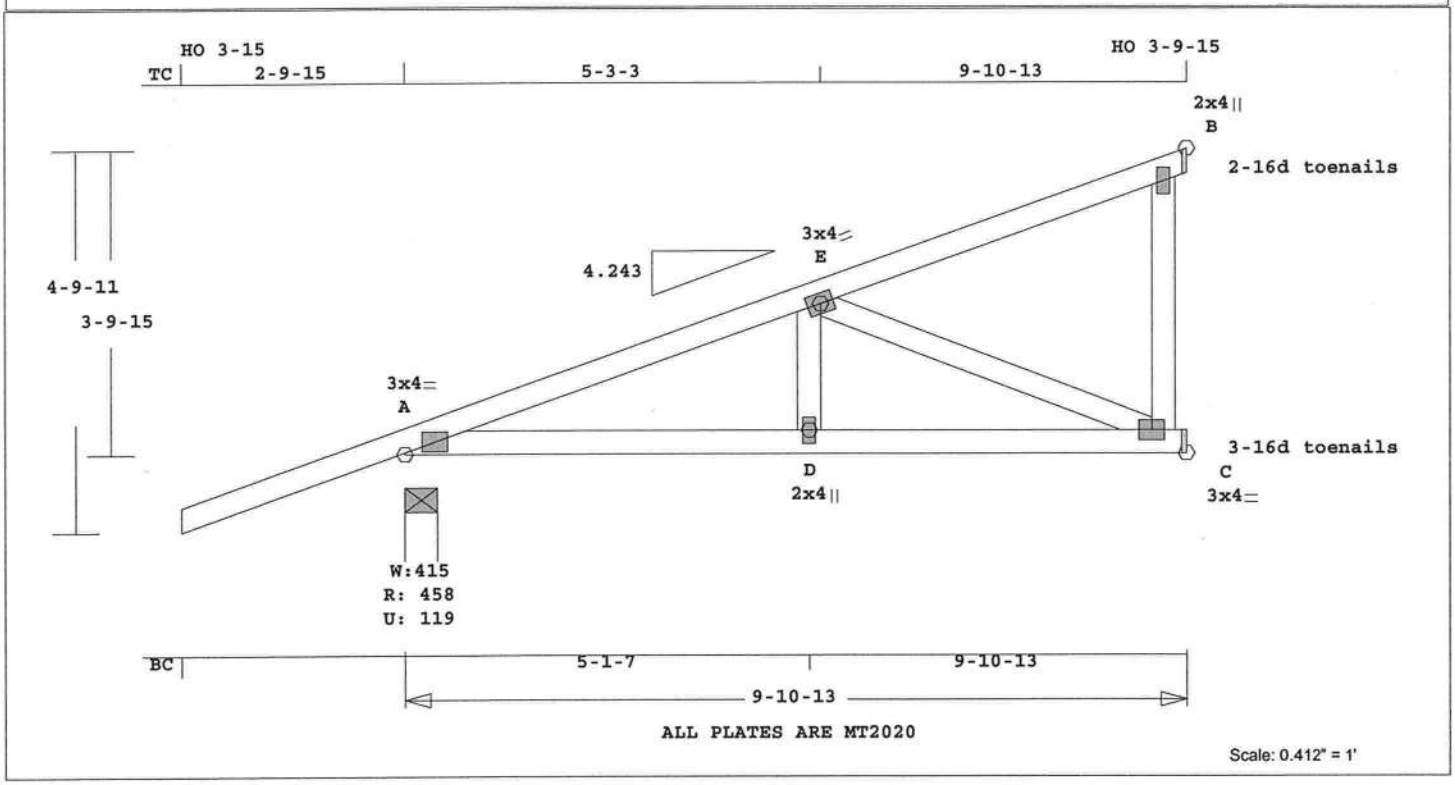
Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 6355 Lbs
Max tens. force 4468 Lbs
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	CJ1	2	MONO.DD	91013	4.243	2- 9-15	0	T3118071

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 61.9 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.46	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.23	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	9-10-13
BC	Cont.	0- 0- 0	9-10-13

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=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	458	119 U	108 R
C	348	29 U	
B	240	108 U	151 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf - Dead	Live*	From	To
TC V 20	40	0.0'	9.9'
BC V 20	0	0.0'	9.9'
TC V -20	-40	0.0'	
22	45		9.9'
BC V -20	0	0.0'	
22	0		9.9'

Plus 8 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 -E	0.38	632 C	0.04 0.34
E -B	0.46	92 T	0.00 0.46
--------Bottom Chords---------			
A -D	0.23	612 T	0.07 0.16
D -C	0.27	612 T	0.07 0.20
------------Webs------------			
D -E	0.03	234 T	
E -C	0.23	661 C	
C -B	0.06	0 T	WindLd

TL Defl -0.05" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in E -B 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	3.0x 4.0	Ctr	Ctr	0.56
E	MT20	3.0x 4.0	Ctr	Ctr	0.35
B	MT20	2.0x 4.0	Ctr	Ctr	0.12
D	MT20	2.0x 4.0	Ctr	Ctr	0.15
C	MT20	3.0x 4.0	Ctr	Ctr	0.36

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

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

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
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 661 Lbs
Max tens. force 612 Lbs
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
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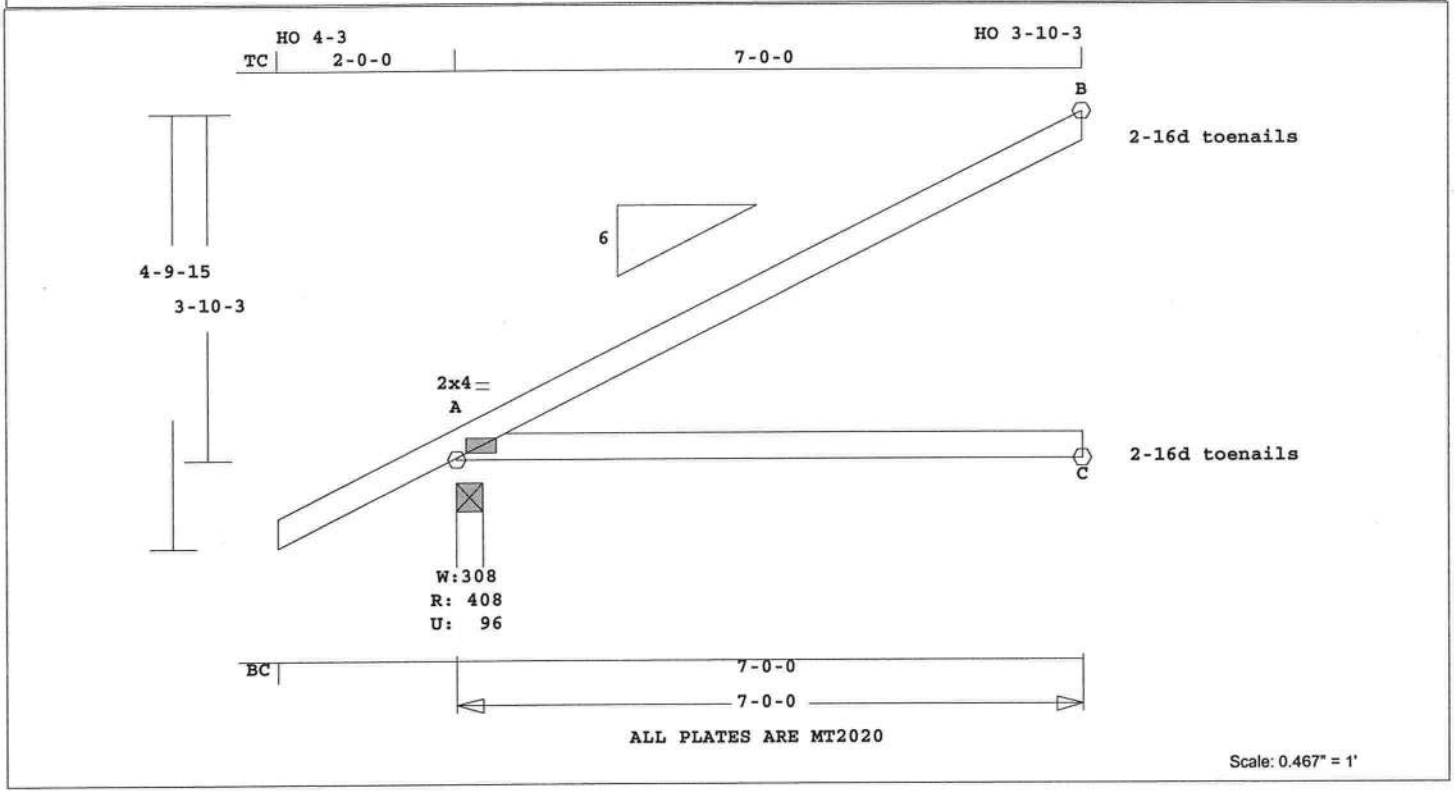
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	J1	9	JCA2	70000	6	2- 0- 0	0	T3118072

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.5 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.68	2x 4	SP-#2
BC	0.53	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	7- 0- 0
BC	Cont.	0- 0- 0	7- 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	409	96 U	336 R
C	133		
B	189	104 U	86 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	1.5"	1.5"

Plus 8 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	0.68	191 C	0.00 0.68
--------Bottom Chords---------			
A -C	0.53	0 T	0.00 0.53

TL Defl -0.19" in A -C L/415
LL Defl -0.07" in A -C L/999
Shear // Grain in A -B 0.34

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	2.0x 4.0	Ctr	Ctr	0.65

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

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

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
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 191 Lbs
Max tens. force 54 Lbs
Quality Control Factor 1.25

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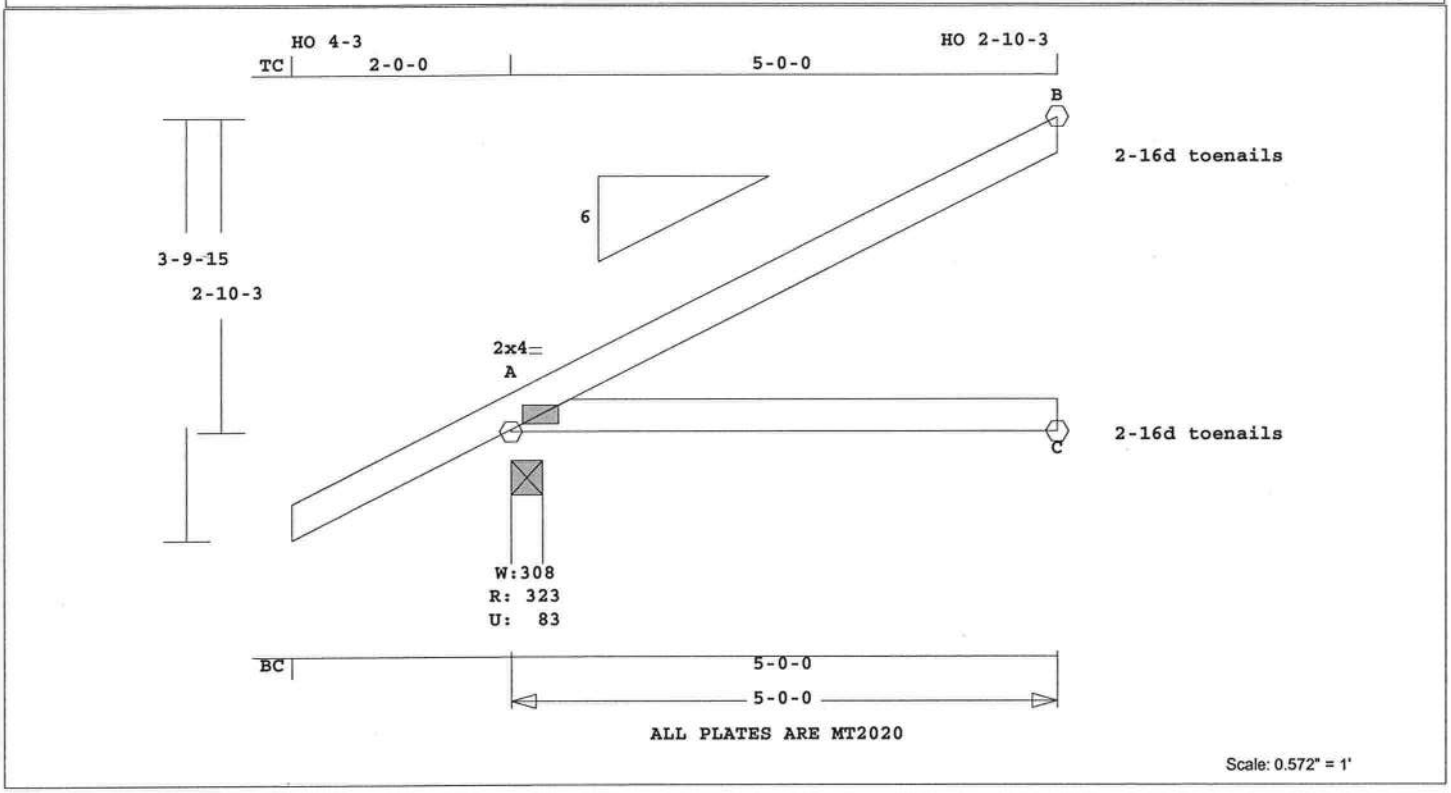
FL Cert.#5555

August 14,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	J2	4	JCA2	50000	6	2- 0- 0	0	T3118073

POIRER



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.5 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.38	2x 4	SP-#2
BC	0.29	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5- 0- 0
BC	Cont.	0- 0- 0	5- 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	324	83 U	278 R
C	94		
B	142	78 U	61 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 8 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	0.38	163 C	0.00 0.38
--------Bottom Chords---------			
A -C	0.29	0 T	0.00 0.29

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.26

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	2.0x 4.0	Ctr	Ctr	0.65

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

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

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
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 163 Lbs
Max tens. force 37 Lbs
Quality Control Factor 1.25

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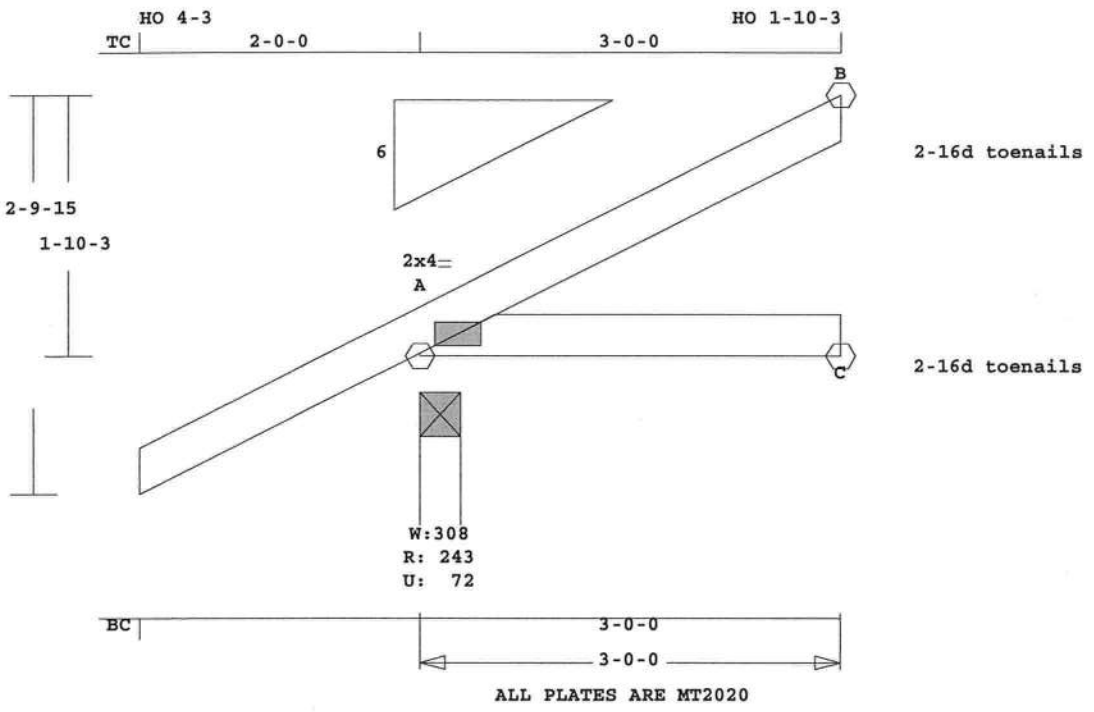
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	J3	4	JCA2	30000	6	2- 0- 0	0	T3118074

POIRER



Scale: 0.731" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.5 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.12	2x 4	SP-#2
BC	0.11	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	3- 0- 0
BC	Cont.	0- 0- 0	3- 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	243	72 U	197 R
C	56		
B	88	49 U	36 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 8 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	0.12	106 C	0.00 0.12
--------Bottom Chords---------			
A -C	0.11	0 T	0.00 0.11

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.16

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	2.0x 4.0	Ctr	Ctr	0.65

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

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

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
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 106 Lbs

Max tens. force 21 Lbs
Quality Control Factor 1.25

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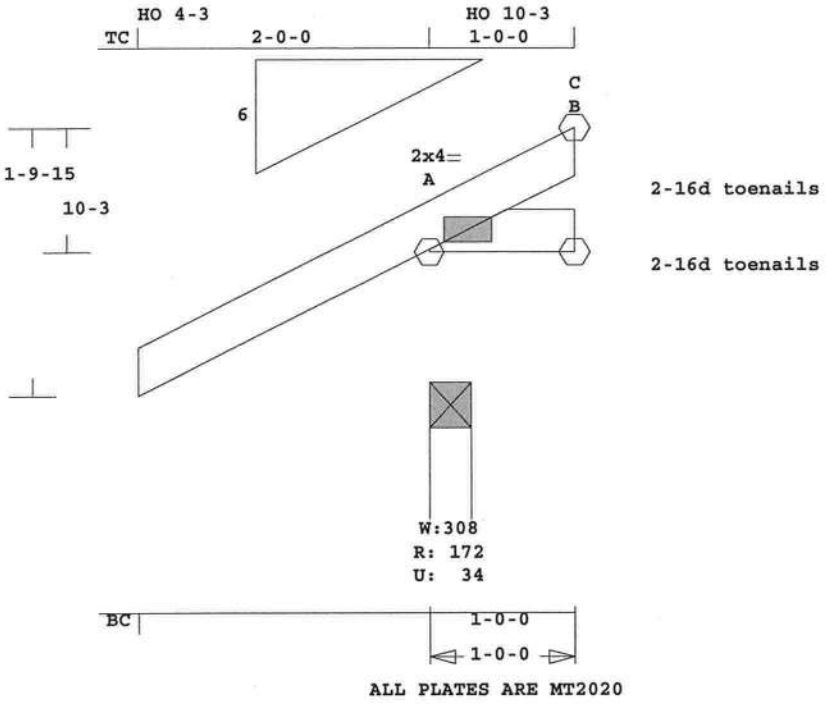
Tampa, FL, 33610
FL Cert.#5555

August 14,2008

Job	Mark	Quan.	Type	Span	P1-H1	Left OH	Right OH	Engineering
PARNELL-POIRER	J4	4	JCA2	10000	6	2- 0- 0	0	T3118075

POIRER



ALL PLATES ARE MT2020

Scale: 0.758" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.5 LBS

Online Plus -- Version 22.0.019
RUN DATE: 14-AUG-08

	CSI	-Size-	----Lumber----
TC	0.01	2x 4	SP-#2
BC	0.01	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	1- 0- 0
BC	Cont.	0- 0- 0	1- 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	172	34 U	62 R
B	24	14 U	
C	16		11 R

Jt	Brg Size	Required
A	3.5"	1.5"
B	1.5"	1.5"
C	1.5"	1.5"

Plus 8 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	0.01	29 C	0.00 0.01
--------Bottom Chords---------			
A -C	0.01	11 T	0.00 0.01

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.04

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	2.0x 4.0	Ctr	Ctr	0.65

REVIEWED BY:
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Tampa, FL 33610

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

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
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 29 Lbs
Max tens. force 11 Lbs
Quality Control Factor 1.25

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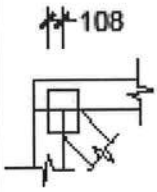
FL Cert.#5555

August 14,2008

ROBBINS ENG. GENERAL NOTES & SYMBOLS

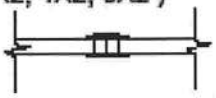
PLATE LOCATION



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.

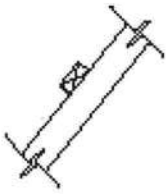
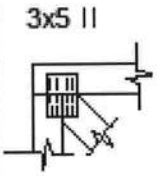


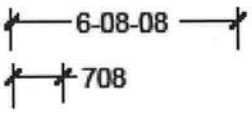
PLATE SIZE AND ORIENTATION

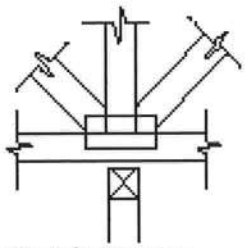


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" 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 erecting this truss. If necessary, shim bearings to assure solid contact with truss.

ROBBINS 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.

Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 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.

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 FABRICATOR.

Robbins Engineering, Inc.

6904 Parke East Blvd.
Tampa, Fl 33610-4115
Tel: 813-972-1135 Fax: 813-971-6117

www.robbinseng.com

FORM 600A-2004R

EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Poirier Addition**	Builder:	**Parnel**
Address:	**444 SW Weirsdale Place**	Permitting Office:	**Columbia County**
City, State:	**Lake City, FL 32025-**	Permit Number:	27314
Owner:		Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	Addition	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	1	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1840 ft²		
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 100.0 ft²	a. Electric Heat Pump/Split	Cap: 36.0 kBtu/hr HSPF: 7.70
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 100.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 190.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons EF: 0.95
c. N/A		b. N/A	
9. Wall types		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
a. Face Brick, Wood, Exterior	R=13.0, 1360.0 ft²	15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. Frame, Wood, Adjacent	R=13.0, 160.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1840.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 56.0 ft		
b. N/A			

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

Glass/Floor Area: 0.05	Total as-built points: 16437 Total base points: 20699	PASS

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

PREPARED BY: William H. Freeman

DATE: 8/12/08

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.

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **444 SW Weirsdale Place, Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	1840.0	18.59	6157.0	1.Double, Clear	NW	2.0	6.0	45.0	25.97	0.87	1021.0
				2.Double, Clear	NE	1.5	6.0	25.0	29.56	0.92	680.0
				3.Double, Clear	NE	1.5	6.0	30.0	29.56	0.92	816.0
				As-Built Total:				**100.0**			**2517.0**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	160.0	0.70	112.0	1. Face Brick, Wood, Exterior			13.0	1360.0	0.35		476.0
Exterior	1360.0	1.70	2312.0	2. Frame, Wood, Adjacent			13.0	160.0	0.60		96.0
Base Total:	**1520.0**		**2424.0**	**As-Built Total:**				**1520.0**			**572.0**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	17.8	2.40	42.7	1.Exterior Insulated				100.5	4.10		412.0
Exterior	120.5	6.10	735.0	2.Exterior Insulated				20.0	4.10		82.0
				3.Adjacent Insulated				17.8	1.60		28.5
Base Total:	**138.3**		**777.8**	**As-Built Total:**				**138.3**			**522.5**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1840.0	1.73	3183.2	1. Under Attic			30.0	1840.0	1.73 X 1.00		3183.2
Base Total:	**1840.0**		**3183.2**	**As-Built Total:**				**1840.0**			**3183.2**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	190.0(p)	-37.0	-7030.0	1. Slab-On-Grade Edge Insulation			0.0	190.0(p	-41.20		-7828.0
Raised	0.0	0.00	0.0								
Base Total:			**-7030.0**	**As-Built Total:**				**190.0**			**-7828.0**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1840.0	10.21	18786.4					1840.0	10.21		18786.4

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **444 SW Weirsdale Place, Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 24298.4			**Summer As-Built Points:**					**17753.1**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 36000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)					
24298.4	0.3250	7897.0	17753 **17753.1**	1.00 **1.00**	(1.09 x 1.147 x 1.00) **1.250**	0.260 **0.260**	1.000 **1.000**	5770.8 **5770.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **444 SW Weirsdale Place, Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	1840.0	20.17	6680.0	1.Double, Clear	NW	2.0	6.0	45.0	24.30	1.01	1100.0
				2.Double, Clear	NE	1.5	6.0	25.0	23.57	1.01	592.0
				3.Double, Clear	NE	1.5	6.0	30.0	23.57	1.01	711.0
				As-Built Total:				**100.0**			**2403.0**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Adjacent	160.0	3.60	576.0	1. Face Brick, Wood, Exterior			13.0	1360.0	3.17		4318.0
Exterior	1360.0	3.70	5032.0	2. Frame, Wood, Adjacent			13.0	160.0	3.30		528.0
Base Total:	**1520.0**		**5608.0**	**As-Built Total:**				**1520.0**			**4846.0**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM	=	Points
Adjacent	17.8	11.50	204.7	1.Exterior Insulated				100.5	8.40		844.2
Exterior	120.5	12.30	1482.2	2.Exterior Insulated				20.0	8.40		168.0
				3.Adjacent Insulated				17.8	8.00		142.4
Base Total:	**138.3**		**1686.9**	**As-Built Total:**				**138.3**			**1154.6**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points
Under Attic	1840.0	2.05	3772.0	1. Under Attic			30.0	1840.0	2.05 X	1.00	3772.0
Base Total:	**1840.0**		**3772.0**	**As-Built Total:**				**1840.0**			**3772.0**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Slab	190.0(p)	8.9	1691.0	1. Slab-On-Grade Edge Insulation			0.0	190.0(p	18.80		3572.0
Raised	0.0	0.00	0.0								
Base Total:			**1691.0**	**As-Built Total:**				**190.0**			**3572.0**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM	=	Points
	1840.0	-0.59	-1085.6					1840.0	-0.59		-1085.6

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **444 SW Weirsdale Place, Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**18352.3**	**Winter As-Built Points:**					**14662.0**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 36000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
18352.3	**0.5540**	**10167.1**	14662.0 **14662.0**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.443 **0.443**	1.000 **1.000**	8114.3 **8114.3**

FORM 600A-2004R

EnergyGauge® 4.5

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **444 SW Weirsdale Place, Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
1	2635.00	2635.0		50.0	0.95	1	1.00	2551.79	1.00	2551.8	
				As-Built Total:							**2551.8**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
7897	**10167**	**2635**	**20699**	**5771**	**8114**	**2552**	**16437**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **444 SW Weirsdale Place, Lake City, FL, 32025-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

Residential System Sizing Calculation

Summary

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

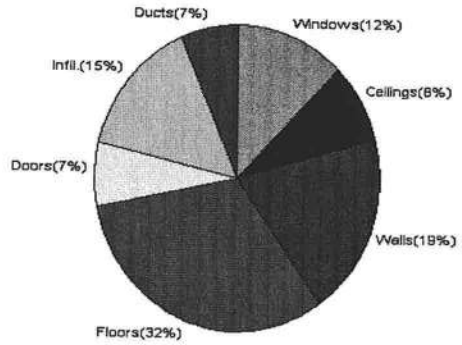
8/12/2008

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	**25928**	**Btuh**	**Total cooling load calculation**	**18696**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	138.8	36000	Sensible (SHR = 0.75)	171.4	27000
Heat Pump + Auxiliary(0.0kW)	138.8	36000	Latent	306.0	9000
			Total (Electric Heat Pump)	192.6	36000

WINTER CALCULATIONS

Winter Heating Load (for 1840 sqft)

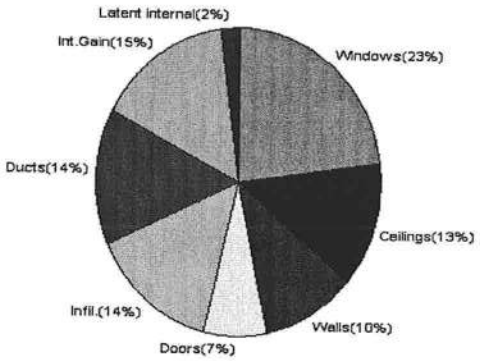
Load component			Load	
Window total	100	sqft	3219	Btuh
Wall total	1520	sqft	4992	Btuh
Door total	138	sqft	1791	Btuh
Ceiling total	1840	sqft	2168	Btuh
Floor total	190	sqft	8295	Btuh
Infiltration	93	cfm	3776	Btuh
Duct loss			1687	Btuh
Subtotal			**25928**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**25928**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1840 sqft)

Load component			Load	
Window total	100	sqft	4288	Btuh
Wall total	1520	sqft	1931	Btuh
Door total	138	sqft	1355	Btuh
Ceiling total	1840	sqft	2461	Btuh
Floor total			0	Btuh
Infiltration	49	cfm	913	Btuh
Internal gain			2860	Btuh
Duct gain			1946	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**15755**	**Btuh**
Latent gain(ducts)			748	Btuh
Latent gain(infiltration)			1793	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			400	Btuh
Total latent gain			**2941**	**Btuh**
TOTAL HEAT GAIN			**18696**	**Btuh**



Version 8
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EnergyGauge® System Sizing
PREPARED BY: William A. Free
DATE: 8/12/08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

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

8/12/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NE	45.0	32.2	1449 Btuh
2	2, Clear, Metal, 0.87	SE	25.0	32.2	805 Btuh
3	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
	Window Total		100(sqft)		3219 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Face Brick - Wood - Ext(0.09)	13.0	1360	3.3	4466 Btuh
2	Frame - Wood - Adj(0.09)	13.0	160	3.3	525 Btuh
	Wall Total		1520		4992 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		18	12.9	231 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		101	12.9	1301 Btuh
	Door Total		138		1791Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shin	30.0	1840	1.2	2168 Btuh
	Ceiling Total		1840		2168Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	190.0 ft(p)	43.7	8295 Btuh
	Floor Total		190		8295 Btuh
			Envelope Subtotal:		20465 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.38	14720	1520	93.2
					3776 Btuh
Ductload				(DLM of 0.070)	1687 Btuh
All Zones			**Sensible Subtotal All Zones**		**25928 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	25928 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	25928 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

8/12/2008

EQUIPMENT		
1. Electric Heat Pump/Split	#(Outside) #(Inside)	36000 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)

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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

8/12/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NE	45.0	32.2	1449 Btuh
2	2, Clear, Metal, 0.87	SE	25.0	32.2	805 Btuh
3	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
	Window Total		100(sqft)		3219 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Face Brick - Wood - Ext(0.09)	13.0	1360	3.3	4466 Btuh
2	Frame - Wood - Adj(0.09)	13.0	160	3.3	525 Btuh
	Wall Total		1520		4992 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		18	12.9	231 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		101	12.9	1301 Btuh
	Door Total		138		1791Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shin	30.0	1840	1.2	2168 Btuh
	Ceiling Total		1840		2168Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	190.0 ft(p)	43.7	8295 Btuh
	Floor Total		190		8295 Btuh
			Zone Envelope Subtotal:		20465 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.38	14720	1520 93.2	3776 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.070)				1687 Btuh
Zone #1			**Sensible Zone Subtotal**		**25928 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	25928 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	25928 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

8/12/2008

EQUIPMENT

1. Electric Heat Pump/Split	#(Outside) #(Inside)	36000 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)

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System Sizing Calculations - Summer

Residential Load - Whole House Component Details

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

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

8/12/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, B-D, N,H	NE	2ft.	6ft.	45.0	0.0	45.0	21	46	2065 Btuh
2	2, Clear, 0.87, B-D, N,H	SE	1.5ft	6ft.	25.0	7.6	17.4	21	49	1010 Btuh
3	2, Clear, 0.87, B-D, N,H	SE	1.5ft	6ft.	30.0	9.1	20.9	21	49	1212 Btuh
	Window Total				100 (sqft)					4288 Btuh
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load
1	Face Brick - Wood - Ext		13.0/0.09		1360.0			1.2		1690 Btuh
2	Frame - Wood - Adj		13.0/0.09		160.0			1.5		241 Btuh
	Wall Total				1520 (sqft)					1931 Btuh
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Adjacent				17.8			9.8		174 Btuh
2	Insulated - Exterior				20.0			9.8		196 Btuh
3	Insulated - Exterior				100.5			9.8		985 Btuh
	Door Total				138 (sqft)					1355 Btuh
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load
1	Vented Attic/Light/Shingle		30.0		1840.0			1.3		2461 Btuh
	Ceiling Total				1840 (sqft)					2461 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab On Grade		0.0		190 (ft(p))			0.0		0 Btuh
	Floor Total				190.0 (sqft)					0 Btuh
					Envelope Subtotal:					10036 Btuh
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)	CFM=		Load
	SensibleNatural		0.20		14720		1520	93.2		913 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			2		X 230		+	2400		2860 Btuh
					Sensible Envelope Load:					13809 Btuh
Duct load					(DGM of 0.141)					1946 Btuh
					Sensible Load All Zones					**15755 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

8/12/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**13809 Btuh**
	Sensible Duct Load	1946 Btuh
	Total Sensible Zone Loads	**15755 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**15755 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	1793 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	748 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**2941 Btuh**
	TOTAL GAIN	**18696 Btuh**

EQUIPMENT

1. Central Unit	#	36000 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

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 8/12/2008
This calculation is for Worst Case. The house has been rotated 315 degrees.

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, B-D, N,H	NE	2ft.	6ft.	45.0	0.0	45.0	21	46	2065 Btuh
2	2, Clear, 0.87, B-D, N,H	SE	1.5ft	6ft.	25.0	7.6	17.4	21	49	1010 Btuh
3	2, Clear, 0.87, B-D, N,H	SE	1.5ft	6ft.	30.0	9.1	20.9	21	49	1212 Btuh
	Window Total				100 (sqft)					4288 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Face Brick - Wood - Ext	13.0/0.09	1360.0	1.2	1690 Btuh
2	Frame - Wood - Adj	13.0/0.09	160.0	1.5	241 Btuh
	Wall Total		1520 (sqft)		1931 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	17.8	9.8	174 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
3	Insulated - Exterior	100.5	9.8	985 Btuh
	Door Total	138 (sqft)		1355 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Shingle	30.0	1840.0	1.3	2461 Btuh
	Ceiling Total		1840 (sqft)		2461 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	190 (ft(p))	0.0	0 Btuh
	Floor Total		190.0 (sqft)		0 Btuh

		Load
	Zone Envelope Subtotal:	10036 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.20	14720	1520	49.1	913 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	2	X 230	+	2400	2860 Btuh

		Load
	Sensible Envelope Load:	13809 Btuh

Duct load		Load
	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DGM of 0.141)	1946 Btuh
	Sensible Zone Load	**15755 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

444 SW Weirsdale Place
Lake City, FL 32025-

Project Title:
Poirier Addition

Code Only
Professional Version
Climate: North

8/12/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**13809 Btuh**
	Sensible Duct Load	1946 Btuh
	Total Sensible Zone Loads	**15755 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**15755 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	1793 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	748 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**2941 Btuh**
	TOTAL GAIN	**18696 Btuh**

EQUIPMENT

1. Central Unit	#	36000 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

444 SW Weirsdale Place
Lake City, FL 32025-

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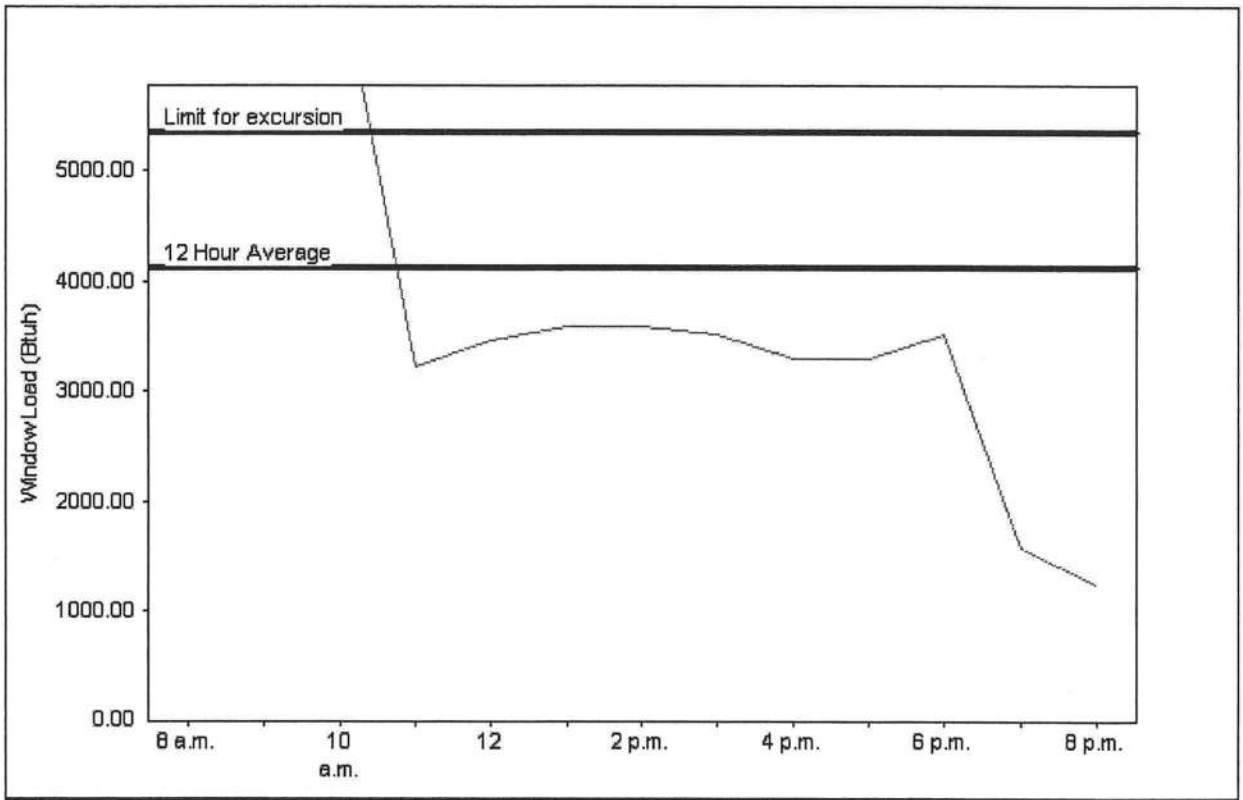
8/12/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	4111 Btuh
Summer setpoint	75 F	Peak window load for July	6971 Btuh
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	5345 Btuh
Latitude	29 North	Window excursion (July)	1626 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: _____
DATE: _____

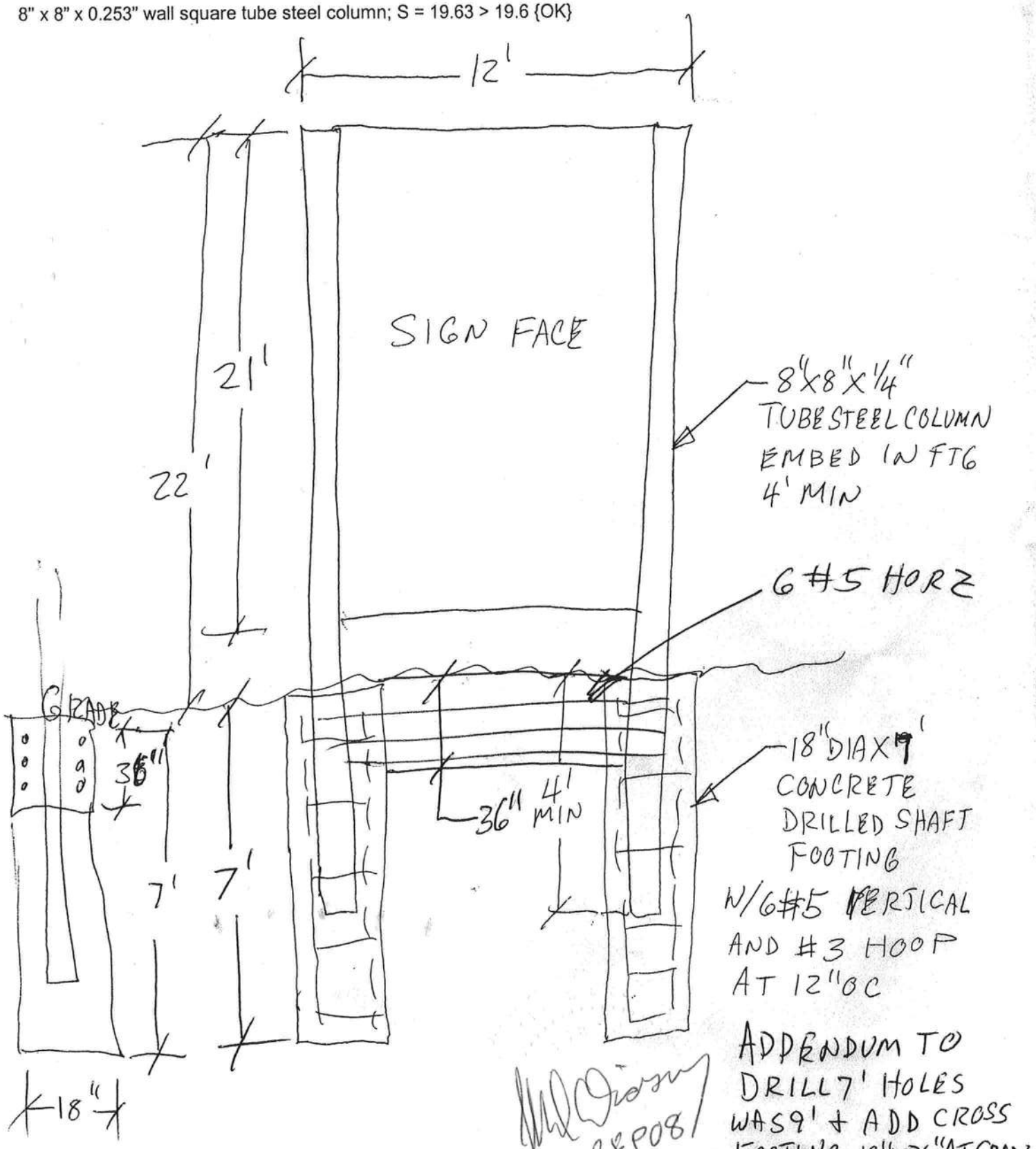
27324

Column Calculation:

Wind pressure; M = (12*21*11) * 23.3 psf * 0.7 = 45200 lb.ft per column

Column section; S = M / Fy = 45200 lb.ft / 46 ksi / .6 = 19.6 in3

8" x 8" x 0.253" wall square tube steel column; S = 19.63 > 19.6 {OK}



Freeman Design Group inc

Engineers · Planners

128 SW Nassau St
Lake City, FL 32025
Phone 386-758-4209
Fax 386-758-4290

#27314

9/19/08

Columbia County Building and Zoning
Lake City, FL. 32055

RE: Poirier Residence, Tax ID # 14-4S-15-00367-154

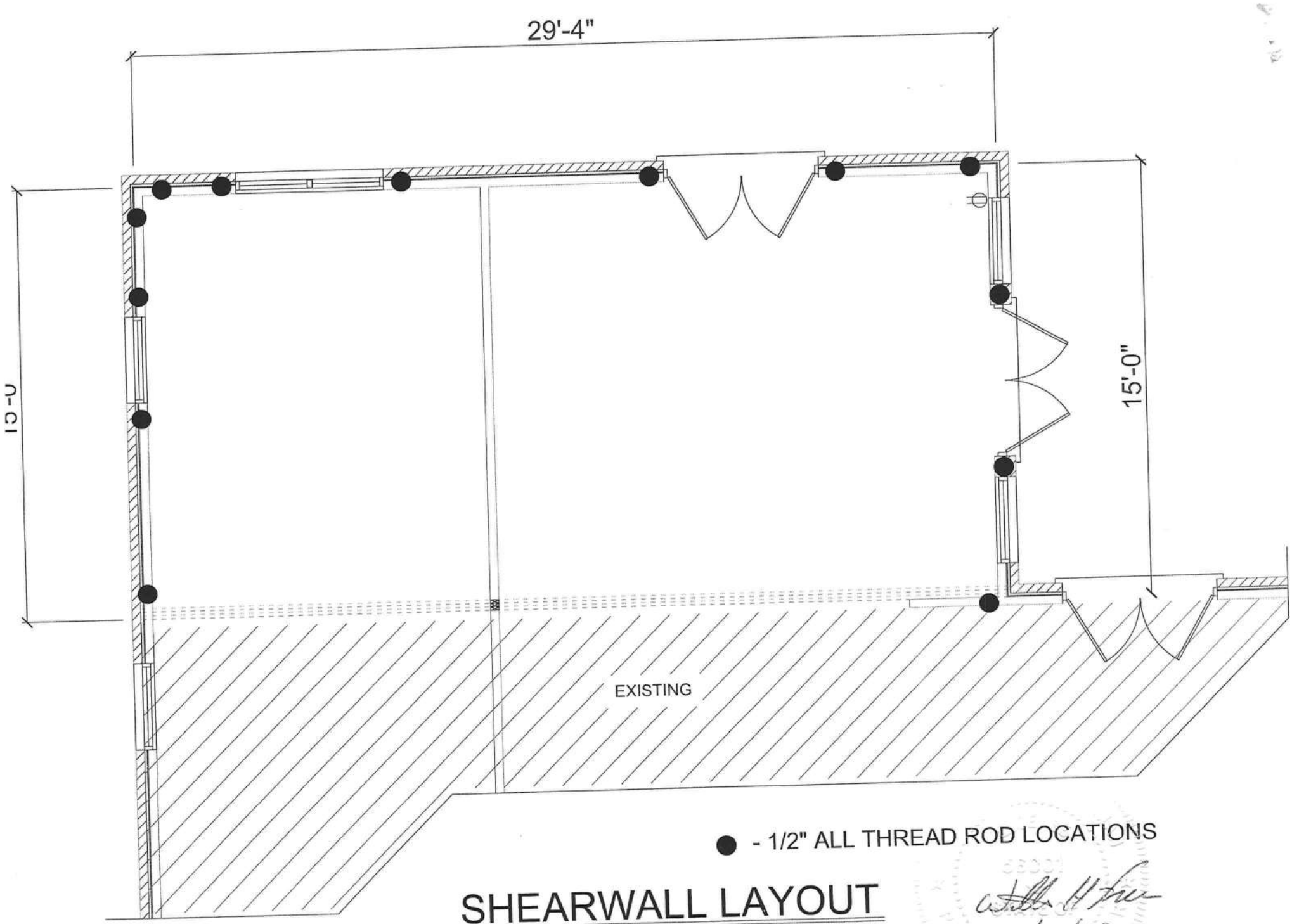
To Whom It May Concern:

The current plans calls for Simpson SPH4 straps on the top and bottom of the exterior wall on each side of the French doors facing the west side of the house. These shall be omitted and replaced with all thread rod. Please see the revised all thread layout for adjusted locations. If you have any questions, please call me at (386) 758-4209.

Sincerely,

William H. Freeman

Bill Freeman, P.E. #56001
CA#8701



● - 1/2" ALL THREAD ROD LOCATIONS

SHEARWALL LAYOUT

SCALE: 1/4" = 1'-0"

9/19/18
PE # 56001

Notice of Prevention for Subterranean Termites

(As required by Florida Building Code (FBC) 104.2.6)

Live Oak PEST CONTROL, INC.
A locally owned company serving you since 1972

17856 U.S. 129 • McALPIN, FLORIDA 32062
(386) 362-3887 • 1-800-771-3887 • Fax: (386) 364-3529

#27314

Prior
448 Weisdale Pl. Wellborn, FL.

9-8-08	12:30	Matt Pelham
Date	Time	Applicator
Termidor	Fipronil	81
Product Used	Chemical used *(active ingredient)*	Number of gallons applied
.06%	450	90
Percent Concentration	Area treated *(square feet)*	Linear feet treated

Horizontal / Vertical / Adjoining Slab
Stage of treatment *(Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)*

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

If this notice is for the final exterior treatment, initial and date this line. _____