

DATE 05/07/2007

Columbia County Building Permit

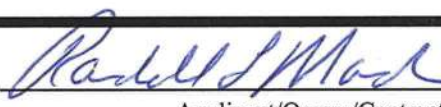
PERMIT

This Permit Expires One Year From the Date of Issue

000025778

APPLICANT RANDALL MADISON PHONE 904 384-1900
ADDRESS 479 NW FROG HOLLOW WAY WHITE SPRINGS FL 32096
OWNER RANDALL MADISON PHONE 904 384-1900
ADDRESS 479 NW FROG HOLLOW WAY WHITE SPRINGS FL 32096
CONTRACTOR OWNER BUILDER PHONE _____
LOCATION OF PROPERTY 41N, TR ON FALLING CREEK, TL ON 246, TR ON FROG HOLLOW
WAY, AT THE END ON RIGHT
TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 63700.00
HEATED FLOOR AREA 1274.00 TOTAL AREA 1701.00 HEIGHT _____ STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 10/12 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. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 13-2S-16-01603-131 SUBDIVISION _____
LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor 
EXISTING 07-253-E BK JH N _____
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

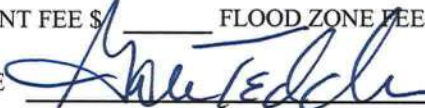
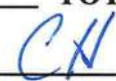
Check # or Cash 158

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____
Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by _____ date/app. by _____
Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by _____ date/app. by _____ date/app. by _____
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____
M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by _____ date/app. by _____
Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by _____ date/app. by _____ date/app. by _____
M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 320.00 CERTIFICATION FEE \$ 8.51 SURCHARGE FEE \$ 8.51
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 412.02

INSPECTORS OFFICE  CLERKS OFFICE 

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."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

This Warranty Deed Made the 25th day of February A. D. ~~XX~~ 2002 by

Lenvil H. Dicks, a single man not residing on the property as described herein hereinafter called the grantor, to Randall L. Madison and Melissa H. Russell, his wife

whose postoffice address is 2629 Algonquin Avenue Jacksonville, FL 32210 hereinafter called the grantee:

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

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

FOR LEGAL DESCRIPTION SEE ATTACHED SCHEDULE "A" WHICH IS BY REFERENCE HEREBY MADE A PART HEREOF.

Inst:2002005600 Date:03/18/2002 Time:10:38:18
Doc Stamp-Deed : 280.00
MCK DC, P. DeWitt Cason, Columbia County B:949 P:39

Together with all the tenements, hereditaments and appurtenances thereto belonging or in any-wise appertaining.

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, ~~XX~~ 2001.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Nanci L. Griffis
Witness Nanci L. Griffis
Suzanne D. Adams
Witness Suzanne D. Adams

STATE OF Florida
COUNTY OF Columbia }

Lenvil H. Dicks L.S.
Lenvil H. Dicks L.S.

SPACE BELOW FOR RECORDERS USE

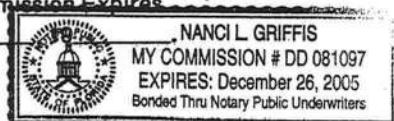
I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared Lenvil H. Dicks

/personally
to me known to be the person described in and who executed the foregoing instrument and he acknowledged before me that he executed the same, and did not take an oath.

WITNESS my hand and official seal in the County and State last aforesaid this 25th day of February, A. D. ~~XX~~ 2002
NOTARY PUBLIC

Nanci L. Griffis
Nanci L. Griffis My Commission Expires

This Instrument prepared by: Lenvil H. Dicks
Address: U. S. 90 West, Lake City, Florida 32055



SCHEDULE "A"

TO WARRANTY DEED between LENVIL H. DICKS, SELLER, and RANDALL L. MADISON and MELISSA H. RUSSELL, BUYER, dated February 25, 2002, which is by reference hereby made a part hereof.

TRACT 39 NORTH OF CREEK

TOWNSHIP 2 SOUTH, RANGE 16 EAST

Section 13: A part of the N $\frac{1}{2}$ of NE $\frac{1}{4}$ of Section 13, Township 2 South, Range 16 East, being more particularly described as follows; commence at the NW corner of said NE $\frac{1}{4}$ and run N 89 degrees 22' 22" E, along the North line thereof 565.36 feet to the centerline of Robinson Branch Creek and the POINT OF BEGINNING; thence continue N 89 degrees 22' 22" E, along the North line 1039.43 feet to the West right-of-way line of Old River Road; thence S 16 degrees 55' 29" E, along said West right-of-way line, 789.29 feet; thence S 11 degrees 15' 15" E, still along said West right-of-way line, 218.68 feet to its intersection with the centerline of said Robinson Branch Creek; thence following along the meander of said Robinson Branch Creek along the following bearings and distances; S 49 degrees 33' 10" W, 292.83 feet; N 33 degrees 53' 21" W, 221.53 feet; N 79 degrees 10' 52" W, 262.19 feet; S 71 degrees 00' 31" W, 132.88 feet; N 52 degrees 45' 25" W, 227.09 feet; N 1 degree 43' 56" E, 234.93 feet; N 22 degrees 03' 33" W, 171.39 feet; S 78 degrees 43' 58" W, 135.84 feet; N 14 degrees 01' 14" W, 150.33 feet S 58 degrees 03' 28" W, 91.65 feet to a point in the centerline of said Robinson Branch Creek; thence following along the meander of the centerline of said Robinson Branch Creek along the following bearings and distances ; S 86 degrees 18' 48" W, 36.88 feet; N 13 degrees 54' 40" W, 62.26 feet; N 28 degrees 09' 44" E, 66.07 feet; S 83 degrees 03' 45" E, 40.60 feet; S 43 degrees 31' 40" E, 35.76 feet; N 18 degrees 20' 10" E, 63.15 feet; N 4 degrees 28' 30" E, 75.23 feet; S 88 degrees 12' 41" W, 84.18 feet; N 28 degrees 10' 15" W, 36.03 feet; N 57 degrees 06' 28" W, 32.10 feet; S 65 degrees 58' 31" W, 40.99 feet; N 51 degrees 16' 33" W, 34.10 feet; N 13 degrees 07' 47" E, 85.94 feet to the POINT OF BEGINNING, Columbia County, Florida. Containing 20.6 acres more or less.

Subject to Restrictions recorded in O.R. Book 0728, Pages 0722-0723, Columbia County, Florida.

N.B. Title to the above described property includes such mineral rights as are owned by the Seller, but title is given subject to the rights of various third parties who own fractional mineral right interests.

Universal Forest Products, Inc., Burlington, NC 27215, Michael Amerson

6.500 s Dec 14 2006 MiTek Industries, Inc. Thu Mar 01 12:50:56 2007 Page 1

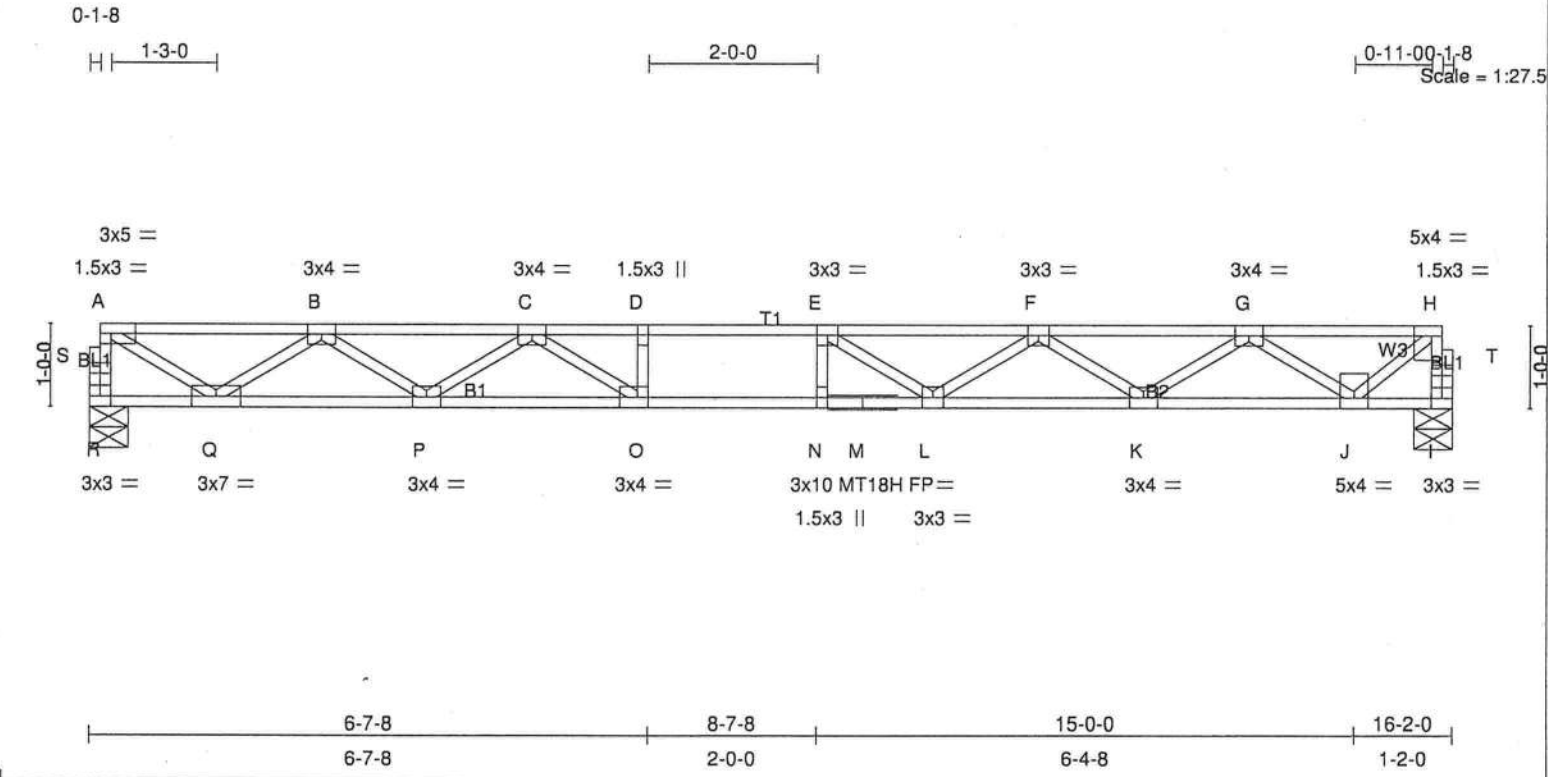


Plate Offsets (X,Y): [H:0-1-8,Edge], [O:0-1-8,Edge]									
LOADING (psf)		SPACING		CSI		DEFL		PLATES	
TCLL	40.0	Plates Increase	1.00	TC	0.60	in (loc)	I/defl	L/d	GRIP
TCDL	10.0	Lumber Increase	1.00	BC	0.93	Vert(LL)	-0.28 N	>680	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.55	Vert(TL)	-0.44 N	>438	244/190
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Horz(TL)	0.06 I	n/a	n/a
								Weight: 77 lb	

LUMBER

TOP CHORD 4 X 2 SYP No.2

BOT CHORD 4 X 2 SYP No.1

WEBS 4 X 2 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: N-O,L-N.

REACTIONS (lb/size) I=869/0-5-8, R=869/0-5-8

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD R-S=-865/0, A-S=-863/0, I-T=-867/0, H-T=-865/0, A-B=-1203/0, B-C=-2876/0, C-D=-3913/0, D-E=-3913/0, E-F=-3690/0, F-G=-2715/0, G-H=-930/0

BOT CHORD Q-R=0/62, P-Q=0/2253, O-P=0/3489, N-O=0/3913, M-N=0/3913, L-M=0/3913, K-L=0/3395, J-K=0/2006, I-J=0/62

WEBS A-Q=0/1372, B-Q=-1282/0, B-P=0/760, C-P=-749/0, C-O=0/779, D-O=-281/0, E-N=-164/106, E-L=-552/62, F-L=0/477, F-K=-830/0, G-K=0/866, G-J=-1314/0, H-J=0/1164

NOTES (5)

1) Unbalanced floor live loads have been considered for this design.

2) All plates are MT20 plates unless otherwise indicated.

3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

LOAD CASE(S) Standard

3/21/07

3-1-7
55886

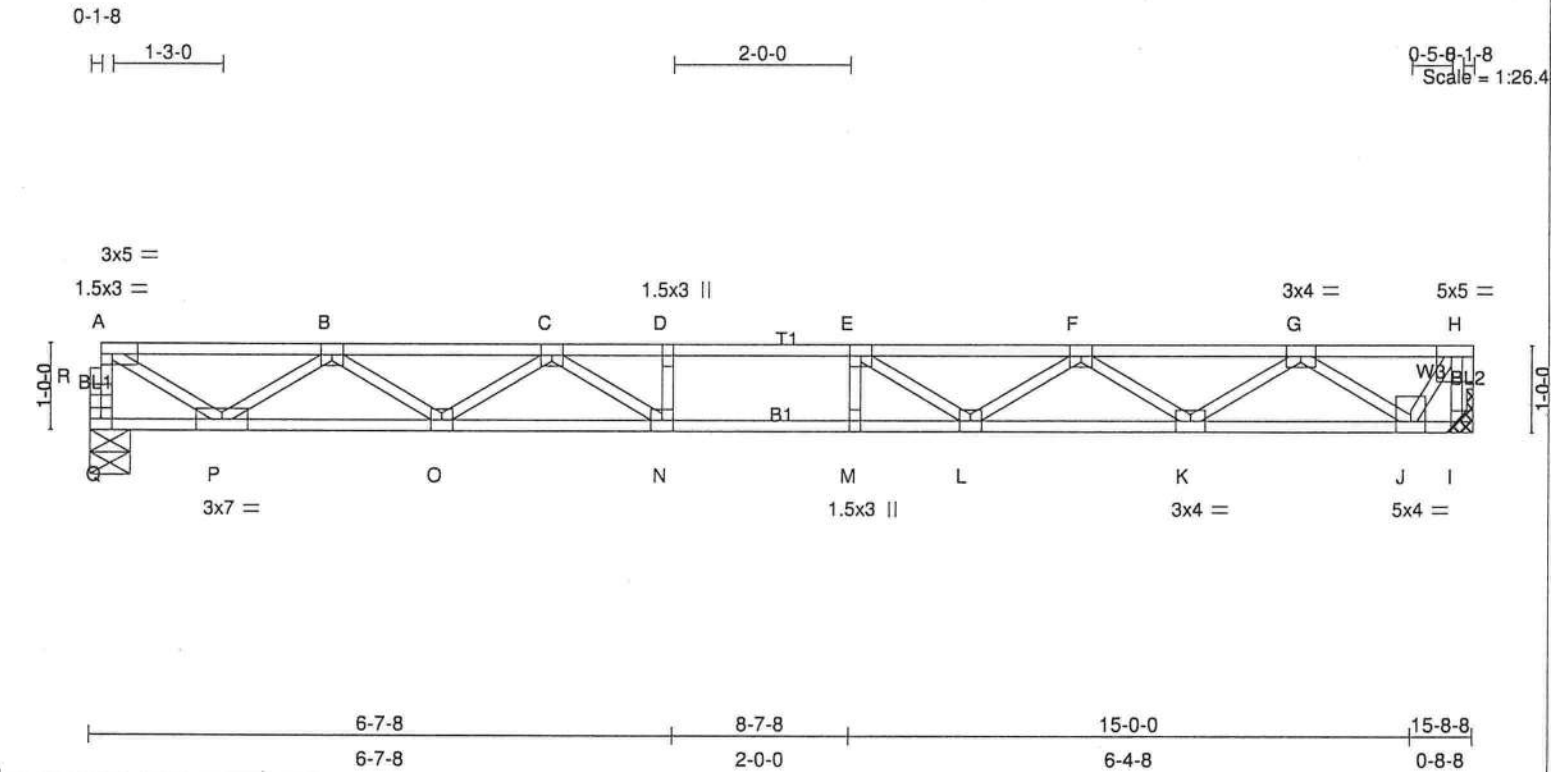


Plate Offsets (X,Y): [H:0-2-0,Edge]									
LOADING (psf)		SPACING		CSI		DEFL		PLATES	
TCLL	40.0	Plates Increase	1.00	TC	0.53	in (loc)	I/defl	MT20	GRIP
TCDL	10.0	Lumber Increase	1.00	BC	0.84	Vert(LL)	-0.24 M >767		244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.53	Vert(TL)	-0.38 M >493		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Horz(TL)	0.06 I n/a		
								Weight: 76 lb	

LUMBER

TOP CHORD 4 X 2 SYP No.2

BOT CHORD 4 X 2 SYP No.1

WEBS 4 X 2 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) Q=844/0-5-8, I=850/Mechanical

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD Q-R=-839/0, A-R=-838/0, H-I=-853/0, A-B=-1162/0, B-C=-2770/0, C-D=-3698/0, D-E=-3698/0, E-F=-3410/0, F-G=-2357/0, G-H=-522/0

BOT CHORD P-Q=0/60, O-P=0/2179, N-O=0/3341, M-N=0/3698, L-M=0/3698, K-L=0/3075, J-K=0/1607, I-J=0/0

WEBS A-P=0/1325, B-P=-1241/0, B-O=0/721, C-O=-697/0, C-N=0/709, D-N=-260/0, E-M=-140/119, E-L=-591/0, F-L=0/502, F-K=-877/0, G-K=0/915, G-J=-1324/0, H-J=0/941

NOTES (5)

1) Unbalanced floor live loads have been considered for this design.

2) All plates are 3x3 MT20 unless otherwise indicated.

3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

LOAD CASE(S) Standard

7/3/21/07

3-1-7
5588C



Universal Forest Products

Re: 57010203

CUF Russell - Madison Residence Builder Boy Inc. 479 NW Frog Hollow Way White Springs, Suwanee Co.

The truss drawing(s) referenced below have been prepared by Universal Forest Products, Inc. using Mitek 6.5 under my direct supervision. Pages or sheets covered by this seal include the following:

57010203 T01
57010203 T02
57010203 T04
57010203 T07
57010203 T08
57010203 T09
57010203 T09A
57010203 T10
57010203 T10A
57010203 T11
57010203 T12
57010203 T13

Loading (psf) TCLL 20 TCDL 7 BCLL 10 BCDL 5
Wind: ASCE 7-02 per FBC2004; 110 mph; h = 25 ft; TCDL = 4.2 psf; BCDL = 3.0 psf;
occupancy category II; exposure B; enclosed

The seal on this drawing indicates acceptance of professional engineering responsibility solely for the truss component(s) listed and attached. The suitability and use of each component for any particular building is the responsibility of the building designer, per ANSI/TPI-2002 Sec. 2.

My license renewal date for the state of Florida is February 28, 2009
John M. Presley License # 55886

Handwritten signature
3/21/07

Handwritten signature
3-19-7

Eastern Division

5631 South NC 62 Burlington, NC 27215 Tel: (336) 226-9356 Fax: (336) 476-9146

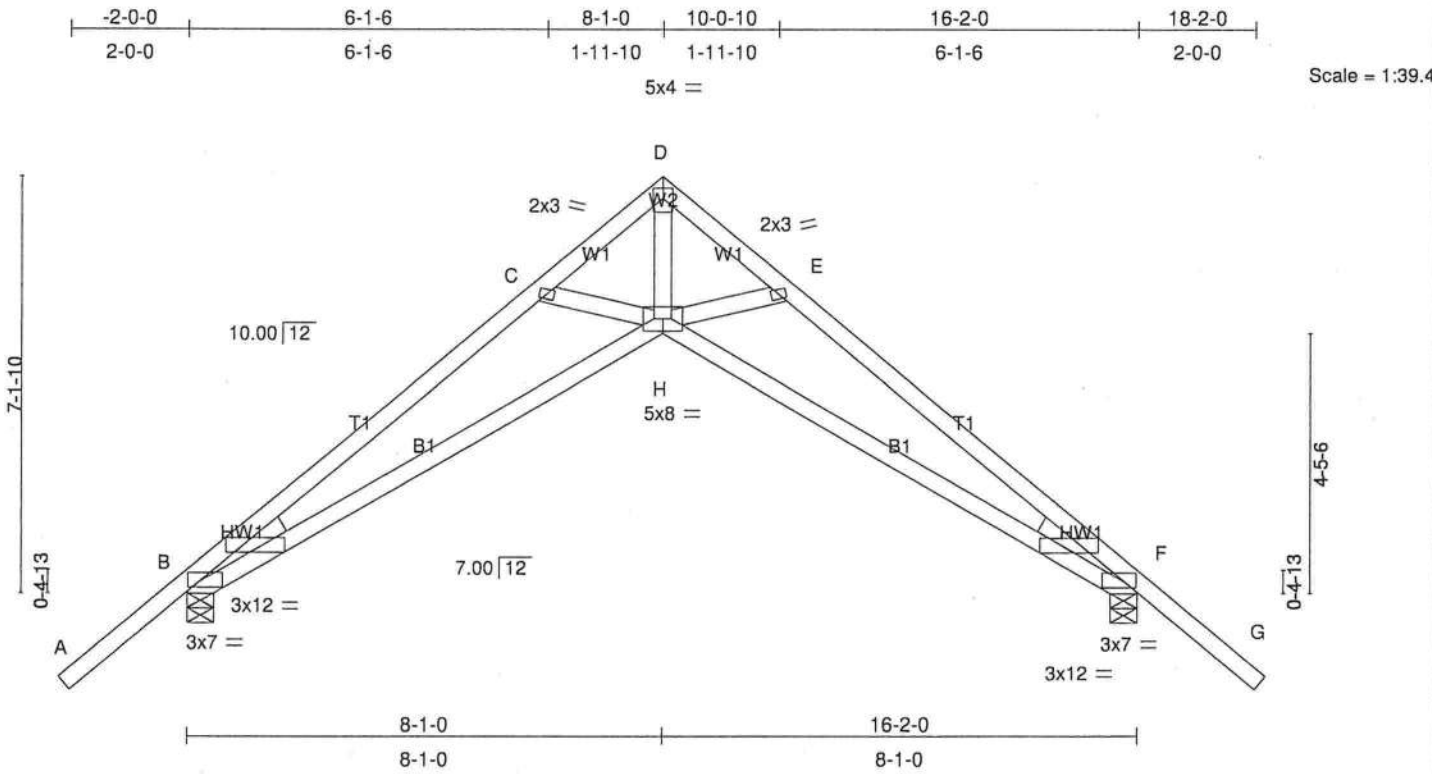


Plate Offsets (X,Y): [B:0-7-15,Edge], [B:0-0-3,0-1-0], [D:0-2-0,0-2-4], [E:0-0-0,0-0-0], [F:0-7-15,Edge], [F:0-0-3,0-1-0]									
LOADING (psf)		SPACING		CSI		DEFL		PLATES	
TCLL	20.0	Plates Increase	2-0-0	TC	0.81	in (loc)	l/defl	L/d	GRIP
TCDL	7.0	Lumber Increase	1.25	BC	0.73	Vert(LL)	-0.28 B-H	>666	244/190
BCLL	10.0	Rep Stress Incr	NO	WB	0.58	Vert(TL)	-0.46 B-H	>410	
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Horz(TL)	0.60 F	n/a	
								Weight: 82 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 *Except*

W2 2 X 4 SYP No.2

WEDGE

Left: 2 X 4 SYP No.2, Right: 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-1-7 oc purlins.

BOT CHORD Rigid ceiling directly applied or 7-5-14 oc bracing.

REACTIONS (lb/size)

B=1165/0-5-8, F=1165/0-5-8

Max Horz B=248(LC 4)

Max Uplift B=-484(LC 5), F=-484(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/70, B-C=-3403/920, C-D=-3150/776, D-E=-3150/784, E-F=-3403/876, F-G=0/70

BOT CHORD B-H=-705/2904, F-H=-607/2904

WEBS C-H=-98/271, D-H=-711/3152, E-H=-114/298

NOTES (8)

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60.

3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.

5) Bearing at joint(s) B, F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 484 lb uplift at joint B and 484 lb uplift at joint F.

7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 760 lb down and 287 lb up at 8-1-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.

8) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: A-D=-54, D-G=-54, B-H=-30, F-H=-30

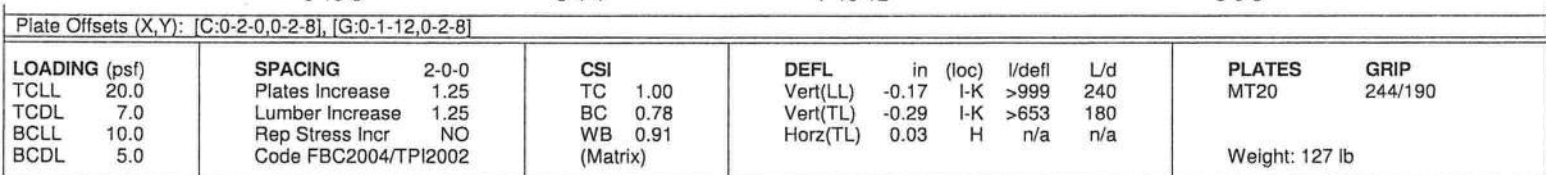
Concentrated Loads (lb)

Vert: D=-760

REVISED

John M. Presley
5631 S. NC 62
Burlington NC 27215
Lic. No. 55886

3/19/07

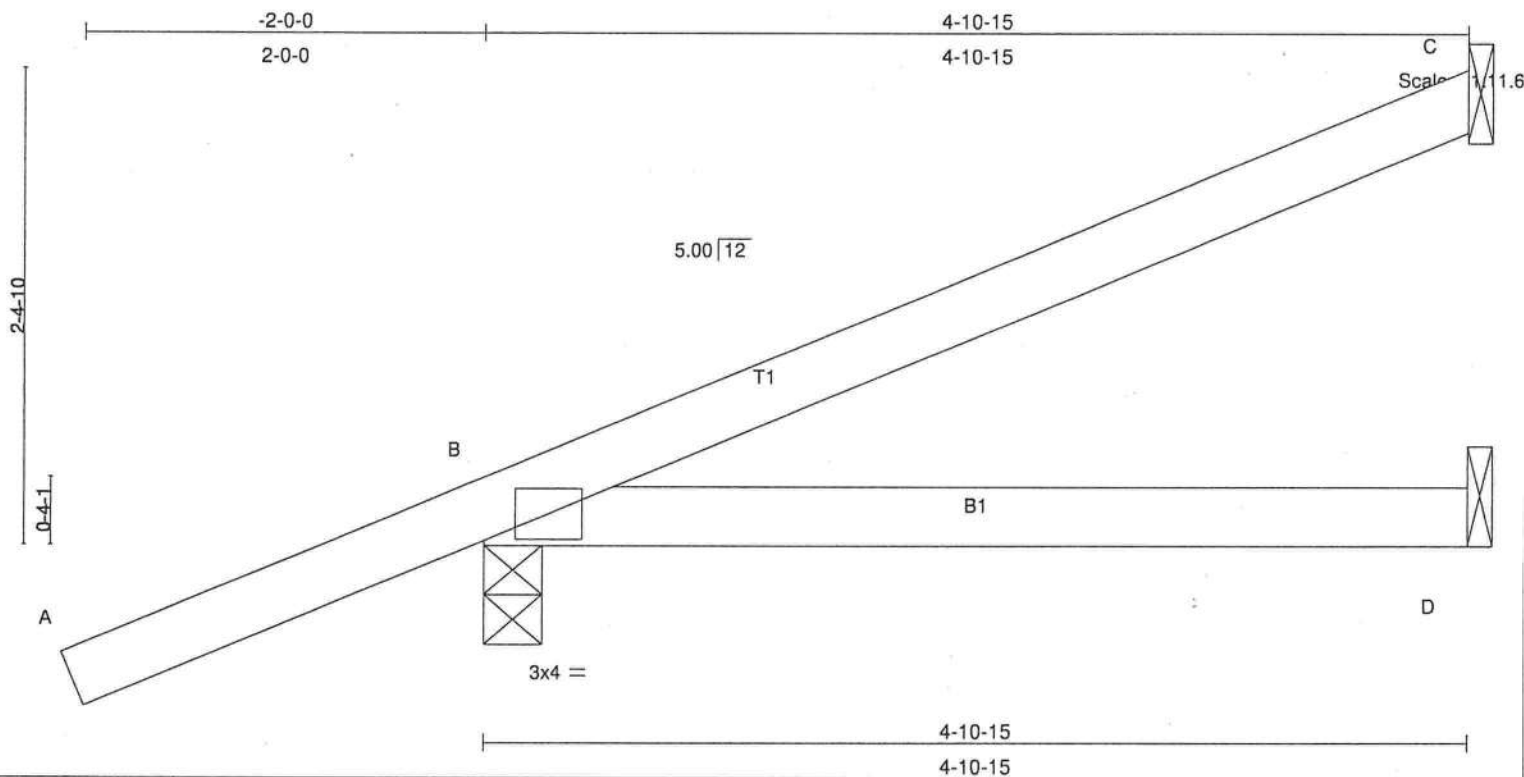


REACTIONS (lb/size) H=1211/0-5-8, K=2888/0-5-8, B=481/0-3-8
Max Horz B=188(LC 5)
Max UpliftH=-693(LC 3), K=-1608(LC 4), B=-356(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/42, B-C=-303/119, C-D=-413/747, D-E=-413/747, E-F=-413/747, F-G=-1712/983, G-H=-961/634
BOT CHORD B-L=-166/213, K-L=-182/247, J-K=-983/1712, I-J=-983/1712, H-I=-153/270
WEBS C-L=-341/672, C-K=-1315/746, D-K=-713/560, G-I=-884/1536, F-K=-2620/1487, F-I=-31/242

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: A-C=-54, C-G=-114(F=-60), B-L=-30, H-L=-63(F=-33)
 Concentrated Loads (lb)
 Vert: L=-517(F)

3/19/07



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.24	Vert(LL)	-0.03	B-D	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.16	Vert(TL)	-0.04	B-D	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	C	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 19 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-10-15 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) C=99/Mechanical, B=344/0-3-8, D=71/Mechanical
Max Horz B=148(LC 5)
Max UpliftC=-76(LC 5), B=-270(LC 5), D=-45(LC 3)

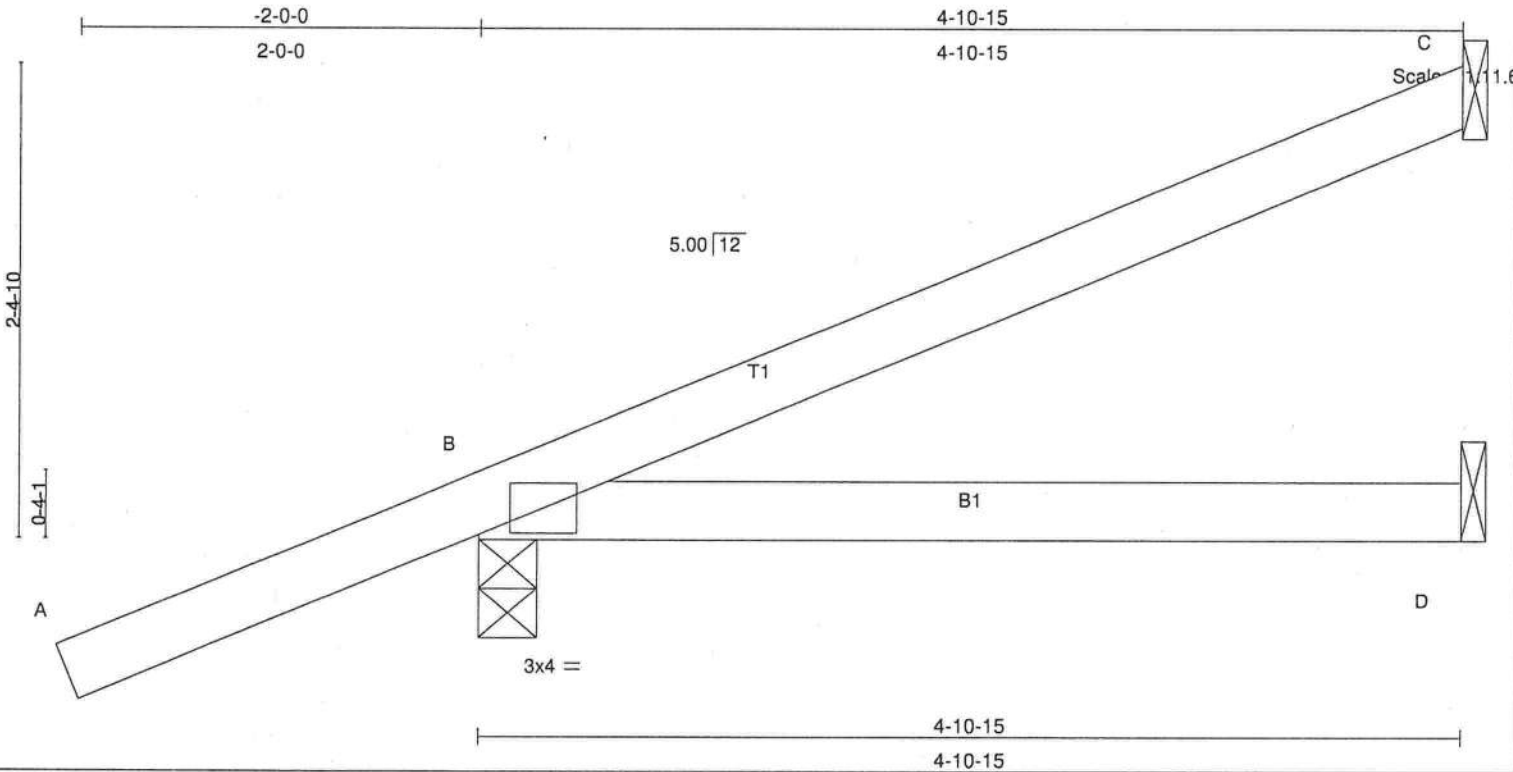
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/42, B-C=-62/30
BOT CHORD B-D=0/0

- NOTES** (5-6)
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint C, 270 lb uplift at joint B and 45 lb uplift at joint D.
 - 5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.
 - 6) TN: Right end of top and bottom chords to be beveled 45° for tight fit to face of supporting members. Depth of beveled ends must not extend more than 1" below face of supporting member. Use two 16d common nails top and bottom installed per NDS, 1½" from end of chord at 90° to face.

LOAD CASE(S) Standard

John M. Presley
5631 S. NC 62
Burlington NC 27215
Lic. No. 55886

3/19/07



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.24	Vert(LL)	-0.03	B-D	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.16	Vert(TL)	-0.04	B-D	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	C	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 19 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

BRACING

TOP CHORD

Structural wood sheathing directly applied or 4-10-15 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

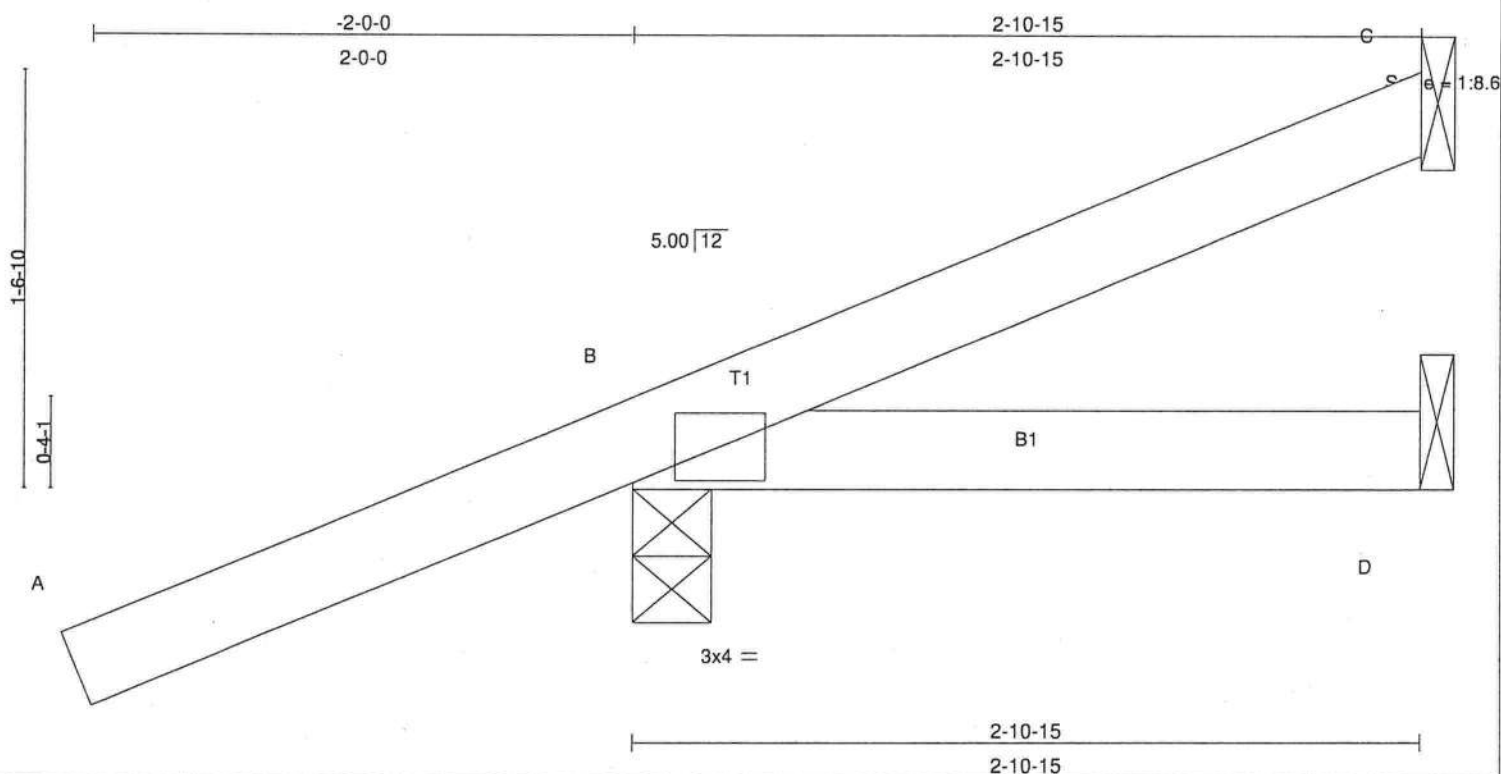
REACTIONS (lb/size) C=99/Mechanical, B=344/0-3-8, D=71/Mechanical
Max Horz B=148(LC 5)
Max Uplift C=76(LC 5), B=-270(LC 5), D=-45(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/42, B-C=-62/30
BOT CHORD B-D=0/0

NOTES (5-6)
1) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint C, 270 lb uplift at joint B and 45 lb uplift at joint D.
5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.
6) TN: Right end of top and bottom chords to be beveled 45° for tight fit to face of supporting members. Depth of beveled ends must not extend more than 1" below face of supporting member. Use two 16d common nails top and bottom installed per NDS, 1 1/2" from end of chord at 90° to face.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CUF Ed Smith / Madison res.
57010203	T10	JACK	1	1	Job Reference (optional)



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.24	Vert(LL) -0.00 B-D >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.05	Vert(TL) -0.00 B-D >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 C n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
				Weight: 12 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 2-10-15 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) C=25/Mechanical, B=281/0-3-8, D=41/Mechanical
Max Horz B=109(LC 5)
Max Uplift C=-22(LC 6), B=-246(LC 5), D=-26(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/42, B-C=-50/4
 BOT CHORD B-D=0/0

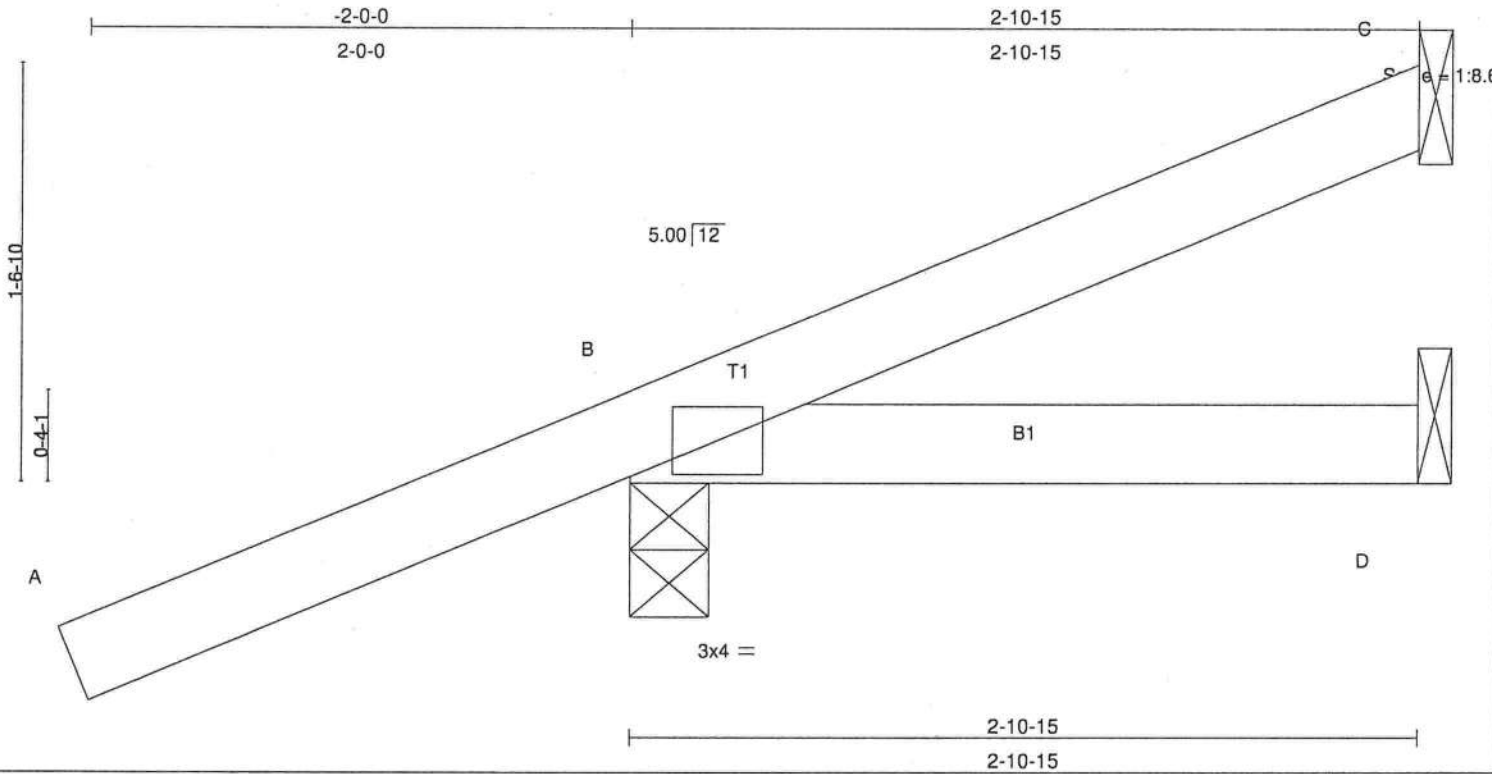
NOTES (5-6)

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint C, 246 lb uplift at joint B and 26 lb uplift at joint D.
- 5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.
- 6) TN: Right end of top and bottom chords to be beveled 45° for tight fit to face of supporting members. Depth of beveled ends must not extend more than 1" below face of supporting member. Use two 16d common nails top and bottom installed per NDS, 1½" from end of chord at 90° to face.

LOAD CASE(S) Standard

John M. Presley
5631 S. NC 62
Burlington NC 27215
Lic. No. 55886

3/19/07



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.24	Vert(LL)	-0.00	B-D	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.05	Vert(TL)	-0.00	B-D	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	C	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 12 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) C=25/Mechanical, B=281/0-3-8, D=41/Mechanical
Max Horz B=109(LC 5)
Max Uplift C=-22(LC 6), B=-246(LC 5), D=-26(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/42, B-C=-50/4
BOT CHORD B-D=0/0

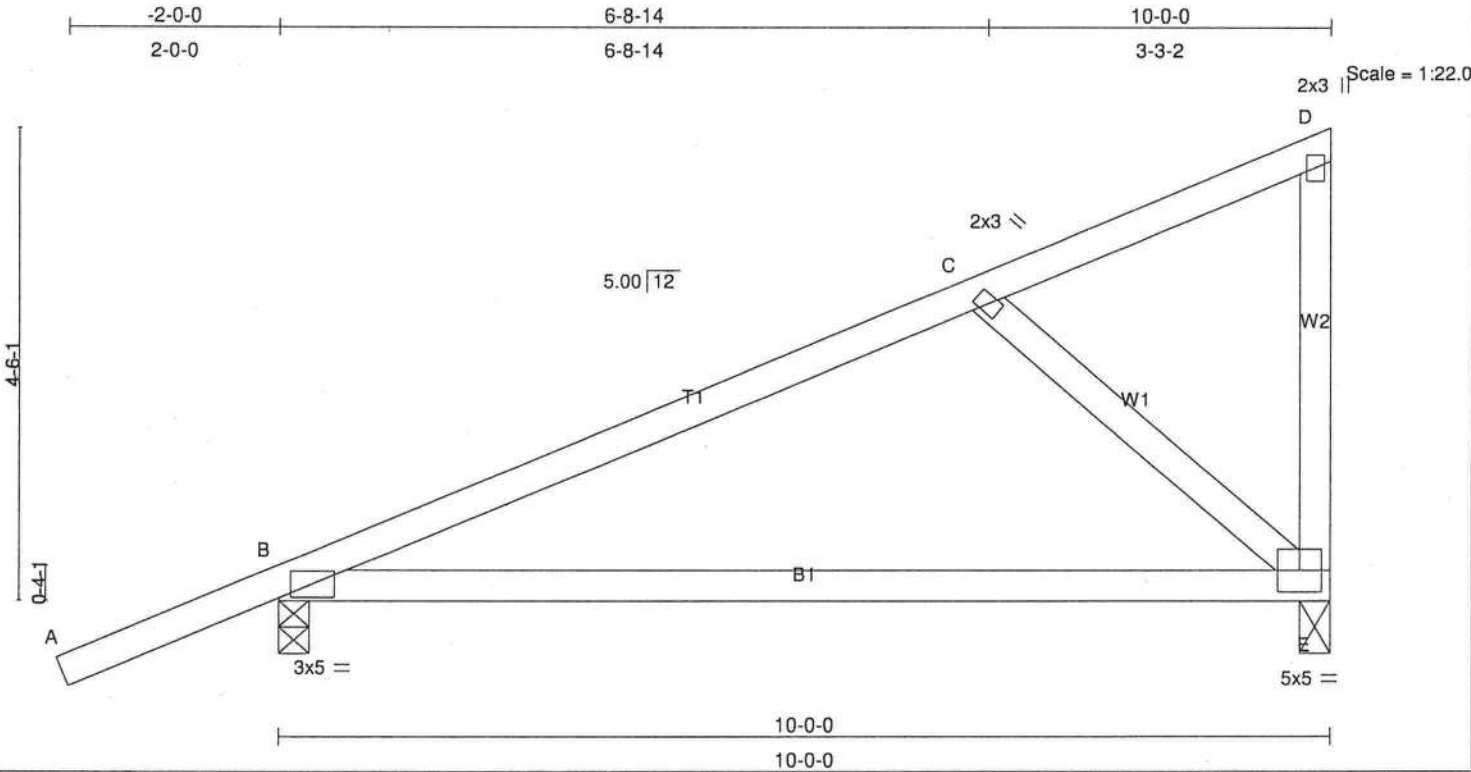
- NOTES** (5-6)
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint C, 246 lb uplift at joint B and 26 lb uplift at joint D.
 - 5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.
 - 6) TN: Right end of top and bottom chords to be beveled 45° for tight fit to face of supporting members. Depth of beveled ends must not extend more than 1" below face of supporting member. Use two 16d common nails top and bottom installed per NDS, 1½" from end of chord at 90° to face.

LOAD CASE(S) Standard

John M. Presley
5631 S. NC 62
Burlington NC 27215
Lic. No. 55886

3/19/07

3/19/07



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.76	Vert(LL)	0.27	B-E	>438	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.33	Vert(TL)	-0.37	B-E	>319	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.11	Horz(TL)	0.01	E	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 46 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) E=394/0-3-8, B=540/0-3-8
Max Horz B=244(LC 5)
Max Uplift E=300(LC 5), B=375(LC 5)

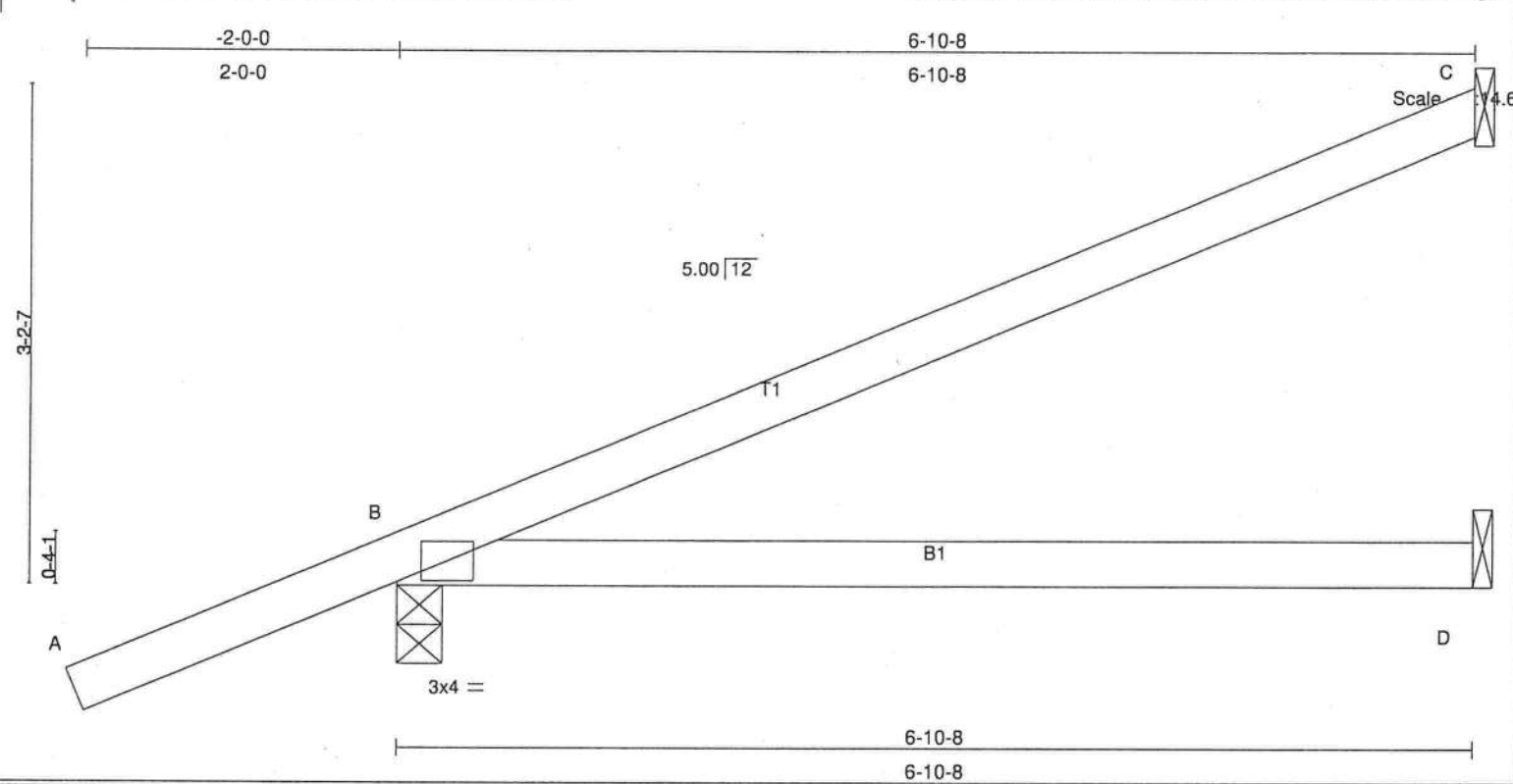
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/42, B-C=-392/139, C-D=-117/37, D-E=-16/21
BOT CHORD B-E=-249/320
WEBS C-E=-343/279

NOTES (5)
1) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 300 lb uplift at joint E and 375 lb uplift at joint B.
5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

LOAD CASE(S) Standard

John M. Presley
5631 S. NC 62
Burlington NC 27215
Lic. No. 55886

3/19/07



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2'-0"-0	TC 0.43	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.32	Vert(LL) 0.13 B-D >615 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.18 B-D >441 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 C n/a n/a		
	Code FBC2004/TPI2002			Weight: 25 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6'-0"-0 oc purlins.

BOT CHORD Rigid ceiling directly applied or 10'-0"-0 oc bracing.

REACTIONS (lb/size) C=160/Mechanical, B=419/0-3-8, D=100/Mechanical
Max Horz B=186(LC 5)
Max Uplift C=-131(LC 5), B=-308(LC 5), D=-64(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/42, B-C=-79/49
BOT CHORD B-D=0/0

NOTES (5-6)

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 131 lb uplift at joint C, 308 lb uplift at joint B and 64 lb uplift at joint D.
- 5) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification valid only when truss is fabricated by a UFPI operated plant. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.
- 6) TNS: Right end cuts of top and bottom chords to butt to face of supporting members. Depth of end cut must not extend more than 1" below the face of supporting member. Use three 16d common toenails (two in one face & one in opp. face) top and bottom, installed per NDS, 1-1/8" from end of chord at 30° to face.

LOAD CASE(S) Standard

John M. Presley
5631 S. NC 62
Burlington NC 27215
Lic. No. 55886

3/19/07

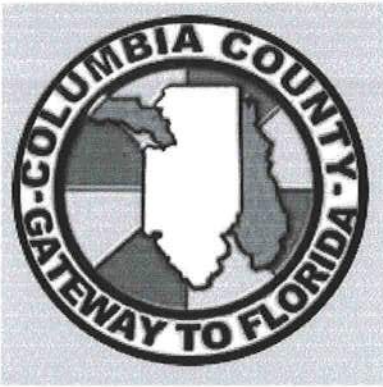
14161

Contractor Signature _____
Contractors License Number _____
Competency Card Number _____
NOTARY STAMP/SEAL

 Scott P. Davey
My Commission DD2354
Expires July 29, 2007

Notary Signature _____ (Revised)

(Revised)



Columbia County, Florida Planning & Zoning Department

Review of Building Permit for compliance
with County's Comprehensive Plan and
Land Development Regulations

To: Randall Madison

Fax: 904.384.1067

From: Brian L. Kepner, County Planner

Fax: 386.758.2160

Number of pages: 1

Date: 3 May 2007

RE: Building Permit Application 0704-64, Randall Madison

Dear Randall:

OK

This parcel has a fairly good amount of the property in a flood zone. The site plan submitted only shows 1 acre portion of the entire property. Please submit a site plan that shows the distances from the proposed house addition to the property lines of the entire property in order to make a better determination if the proposed home site is located within the flood zone. Thank you.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1007.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Kepner".

Brian L. Kepner
Land Development Regulation Administrator,
County Planner

Confidentiality Notice: This facsimile transmission is confidential and is intended only for the review of the party to whom it is addressed. It may contain proprietary and/or privileged information protected by law. If you are not the intended recipient, you may not use, copy or distribute this facsimile message or its attachments. If you have received this transmission in error, please immediately telephone the sender above to arrange for its return.



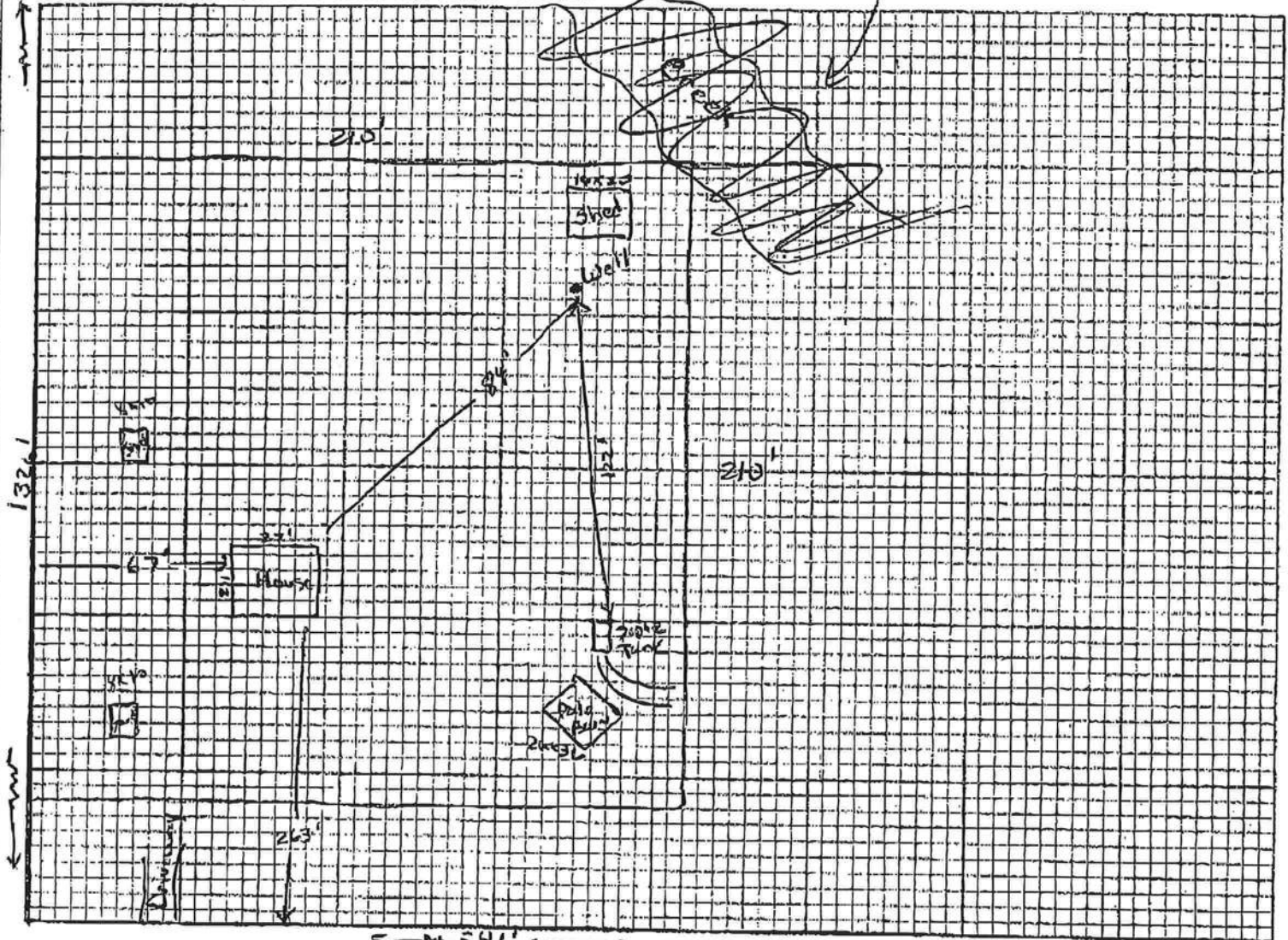
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-253-E

PART II - SITE PLAN

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



Notes:

Site Plan submitted by:

Randell Modin

Signature

3-26-07

Title

Plan Approved ☒

Not Approved ☐

Date 3/26/07

By

M. S. R.

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



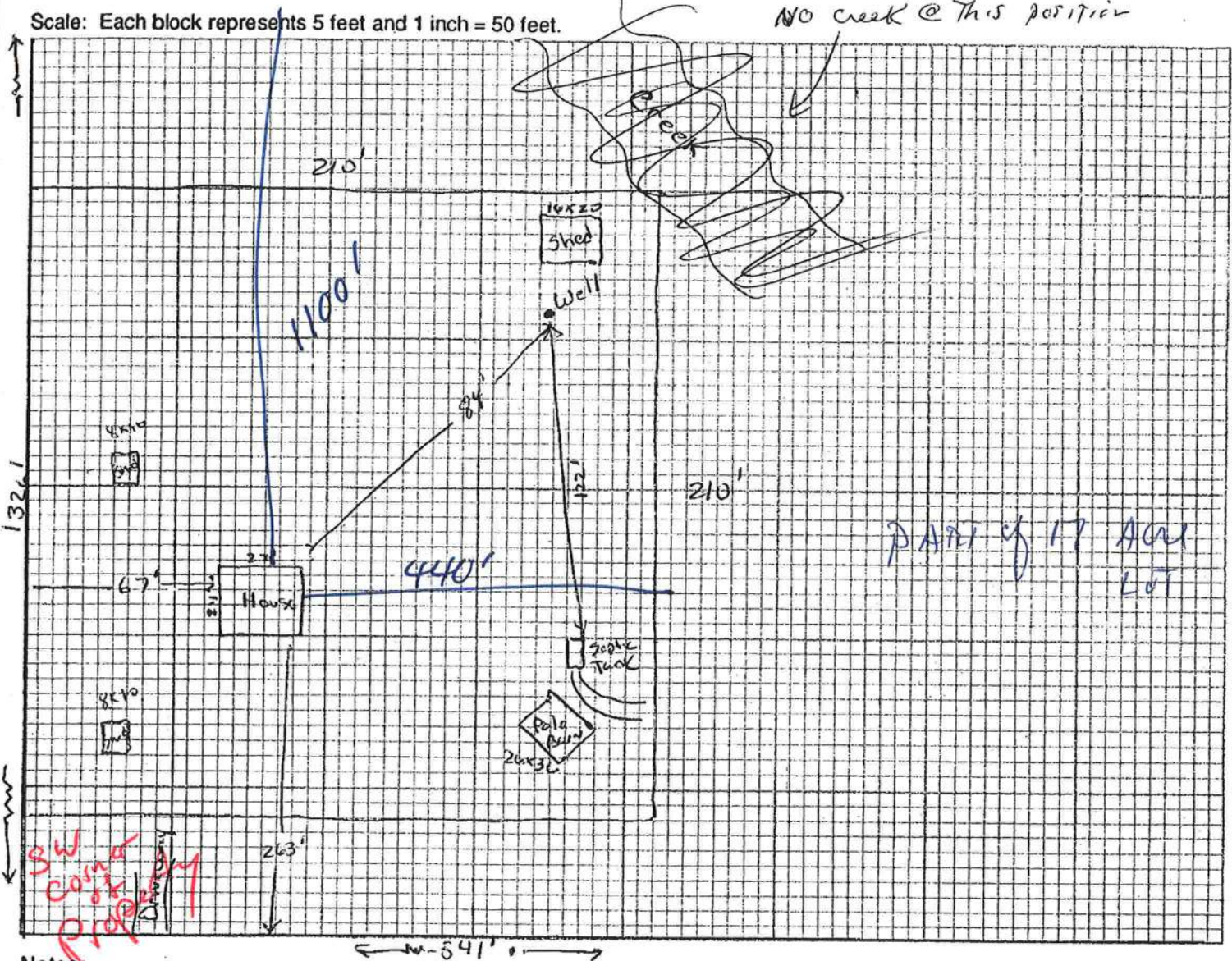
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number _____

PART II - SITE PLAN -

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



Notes:

Site Plan submitted by: _____

Radell Modine
Signature

3-26-07

Title

Plan Approved _____

Not Approved _____

Date _____

By _____

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

NOTORIZED DISCLOSURE STATEMENT

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

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

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling
☐ Farm Outbuilding

- ☐ Two-Family Residence
☐ Other _____

NEW CONSTRUCTION OR IMPROVEMENT

- ☐ New Construction

- ☒ Addition, Alteration, Modification or other Improvement

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

Randall Madison
Owner Builder Signature _____ Date _____

The above signer is personally known to me or produced identification FL Driver License



Scott P. Davey
My Commission DD235471
Expires July 29, 2007

Notary Signature Scott P. Davey Date 3/19/07

(Stamp / Seal)

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date _____ Building Official/Representative _____

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

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.

Tax Parcel ID Number # 13-25-16-01603-000

PERMIT NUMBER _____

1. Description of property: (legal description of the property and street address or 911 address)

See ATTACHED Document

2. General description of Improvement: 1140 ft heated & cooled addition with 440 EXTERIOR PORCH

3. Owner Name & Address RANDALL MADISON & MELISSA RUSSELL
2629 ALGONGUIN AVE JACKSONVILLE FL

4. Name & Address of Fee Simple Owner (if other than owner): OWNER
32210 RANDALL MADISON 2629 ALGONGUIN AVE JACKSONVILLE FL

5. Contractor Name RANDALL MADISON Phone Number 904 384 1900
Address 2629 ALGONGUIN AVE JACKSONVILLE FLORIDA 32210

6. Surety Holders Name _____ Phone Number _____
Address _____

Amount of Bond _____

7. Lender Name _____
Address _____

Inst: 2007009389 Date: 04/26/2007 Time: 09:45
J.P. DC, P. Dewitt Cason, Columbia County B: 1117 P: 1570

8. Persons within the State of Florida designated by the Owner as provided by section 713.13 (1)(a) 7; Florida Statute
Name _____ Phone Number _____
Address _____

9. In addition to himself/herself the owner designates _____ of
_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Scott P. Davey
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of March 19, 2007

NOTARY STAMP/SEAL

Scott P. Davey
My Commission DD235471
Expires July 29, 2007
Scott P. Davey
Signature of Notary

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	madison Job	Builder:	Glenn I. Jones, Inc.
Address:	479 Frog Hollow Way	Permitting Office:	Columbia
City, State:	White Springs, FL 32096	Permit Number:	25778
Owner:	Randy Madison	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing Addition ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 1 ☐ 5. Is this a worst case? No ☐ 6. Conditioned floor area (ft²) 1120 ft² ☐ 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor: Description Area (or Single or Double DEFAULT) 7a. (Dble, U=0.6) 88.3 ft² ☐ b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 275.3 ft² ☐ 8. Floor types a. Slab-On-Grade Edge Insulation R=0.0, 94.0(p) ft ☐ b. N/A ☐ c. N/A ☐ 9. Wall types a. Frame, Wood, Exterior R=13.0, 1374.7 ft² ☐ b. N/A ☐ c. N/A ☐ d. N/A ☐ e. N/A ☐ 10. Ceiling types a. Under Attic R=30.0, 685.0 ft² ☐ b. N/A ☐ c. N/A ☐ 11. Ducts a. Sup: Unc. Ret: Con. AH(Sealed):Interior Sup. R=6.0, 124.0 ft ☐ b. N/A ☐	12. Cooling systems a. Central Unit Cap: 29.2 kBtu/hr ☐ SEER: 13.00 ☐ b. N/A ☐ c. N/A ☐ 13. Heating systems a. Electric Heat Pump Cap: 31.8 kBtu/hr ☐ HSPF: 8.30 ☐ b. N/A ☐ c. N/A ☐ 14. Hot water systems a. Electric Resistance Cap: 40.0 gallons ☐ EF: 0.92 ☐ b. N/A ☐ c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
--	---

Glass/Floor Area: 0.25

Total as-built points: 12704

Total base points: 15049

PASS

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

PREPARED BY: Randy C. Wink

DATE: 4-4-07

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: _____



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: 479 Frog Hollow Way, White Springs, FL 32096

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1120.0	20.04	4040.1	Double,U=0.61,Clear	SE	1.5	6.0	88.3	43.89	0.88	3423.1
				Double,U=0.61,Clear	NE	1.5	6.0	45.0	30.76	0.92	1274.1
				Double,U=0.61,Clear	NW	1.5	3.0	16.0	27.22	0.78	341.4
				Double,U=0.61,Clear	SW	1.5	8.0	21.0	41.30	0.94	818.0
				Double,U=0.55,Clear	NE	10.0	6.0	50.0	31.08	0.49	766.6
				Double,U=0.61,Clear	NE	10.0	6.0	40.0	30.76	0.49	606.9
				Double,U=0.61,Clear	NW	1.5	6.0	15.0	27.22	0.93	377.8
				As-Built Total:				275.3	7608.0		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Exterior	1374.7	1.70	2337.0	Frame, Wood, Exterior	13.0		1374.7	1.50		2062.0	
Adjacent	0.0	0.00	0.0								
Base Total:				1374.7		2337.0		As-Built Total:			
						1374.7		2062.0			
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Exterior	0.0	0.00	0.0								
Adjacent	0.0	0.00	0.0								
Base Total:				0.0		0.0		As-Built Total:			
						0.0		0.0			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	685.0	1.73	1185.1	Under Attic	30.0		685.0	1.73 X 1.00		1185.1	
Base Total:				685.0		1185.1		As-Built Total:			
						685.0		1185.1			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	94.0(p)	-37.0	-3478.0	Slab-On-Grade Edge Insulation	0.0		94.0(p)	-41.20		-3872.8	
Raised	0.0	0.00	0.0								
Base Total:						-3478.0		As-Built Total:			
						94.0		-3872.8			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1120.0 10.21 11435.2				1120.0 10.21 11435.2							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 479 Frog Hollow Way, White Springs, FL, 32096

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 15519.3				Summer As-Built Points: 18417.5						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
15519.3	0.4266		6620.5	(sys 1: Central Unit 29200 btuh, SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS) 18417 1.00 (1.08 x 1.147 x 0.86) 0.263 1.000 5183.0 18417.5 1.00 1.072 0.263 1.000 5183.0						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 479 Frog Hollow Way, White Springs, FL, 32096

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	1120.0	12.74	2568.4	Double,U=0.61,Clear	SE	1.5	6.0	88.3	7.62	1.10	738.0
				Double,U=0.61,Clear	NE	1.5	6.0	45.0	16.35	1.01	740.6
				Double,U=0.61,Clear	NW	1.5	3.0	16.0	17.05	1.01	276.3
				Double,U=0.61,Clear	SW	1.5	8.0	21.0	9.62	1.03	208.1
				Double,U=0.55,Clear	NE	10.0	6.0	50.0	14.59	1.05	769.5
				Double,U=0.61,Clear	NE	10.0	6.0	40.0	16.35	1.05	690.1
				Double,U=0.61,Clear	NW	1.5	6.0	15.0	17.05	1.00	256.5
				As-Built Total:				275.3		3679.1	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Exterior	1374.7	3.70	5086.4	Frame, Wood, Exterior	13.0			1374.7	3.40	4674.0	
Adjacent	0.0	0.00	0.0								
Base Total: 1374.7 5086.4				As-Built Total:				1374.7		4674.0	
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Exterior	0.0	0.00	0.0								
Adjacent	0.0	0.00	0.0								
Base Total: 0.0 0.0				As-Built Total:				0.0		0.0	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	685.0	2.05	1404.3	Under Attic	30.0			685.0	2.05 X 1.00	1404.3	
Base Total: 685.0 1404.3				As-Built Total:				685.0		1404.3	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	94.0(p)	8.9	836.6	Slab-On-Grade Edge Insulation	0.0			94.0(p)	18.80	1767.2	
Raised	0.0	0.00	0.0								
Base Total: 836.6				As-Built Total:				94.0		1767.2	
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1120.0 -0.59 -660.8				1120.0 -0.59 -660.8							

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: 479 Frog Hollow Way, White Springs, FL, 32096

PERMIT #:

BASE				AS-BUILT					
Winter Base Points:		9234.8		Winter As-Built Points:				10863.8	
Total Winter X Points	System = Multiplier	Heating Points		Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)					
9234.8	0.6274	5793.9		(sys 1: Electric Heat Pump 31800 btuh ,EFF(8.3) Ducts:Unc(S),Con(R),Int(AH),R6.0 10863.8 1.000 (1.060 x 1.169 x 0.88) 0.411 1.000 4886.3 10863.8 1.00 1.095 0.411 1.000 4886.3					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: 479 Frog Hollow Way, White Springs, FL, 32096

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X Credit = Total
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms									
1		2635.00		40.0	0.92	1		1.00	2635.00 1.00 2635.0
				As-Built Total:					2635.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			Hot Water				Hot Water
			Points				Points
			=				=
			Total				Total
			Points				Points
6621		5794		5183		4886	
		2635				2635	
		15049				12704	

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 479 Frog Hollow Way, White Springs, FL, 32096

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.4

The higher the score, the more efficient the home.

Randy Madison, 479 Frog Hollow Way, White Springs, FL 32096

1. New construction or existing	Addition	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 29.2 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?	No	c. N/A	
6. Conditioned floor area (ft ²)	1120 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 31.8 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble, U=0.6) 88.3 ft ²		HSPF: 8.30
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 275.3 ft ²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 94.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.92
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1374.7 ft ²	c. Conservation credits	
b. N/A		(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 685.0 ft ²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Con. AH(Sealed):Interior Sup. R=6.0, 124.0 ft			
b. N/A			

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

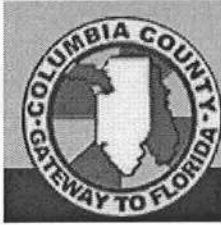
Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



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

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.21)



From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0704-64**
Randall Madison, Owner/Builder Property ID# 13-2s-16-01603-131

On the date of April 30, 2007 application 0704-64 and plans for construction of an addition onto a existing single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0704-64 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. Please have Mr. Gartner, the structural engineer evaluate the existing foundation and stem wall, to determine if this existing foundation system

will have sufficient load bearing capacity to support the additional, vertical loads which will be placed upon this existing foundation. Please refer to section 903 of the Florida Existing Building 2004 when evaluating this foundation.

- 2.** Page S-1 of the structural plans (3 CMU stem wall section) provides a typical foundation and CMU stem wall. Please show on the plans that the requirement of section R408 of the FRBC2004 are complied with for under floor space.

R408.1 Ventilation.

The under-floor space between the bottom of the floor joists and the earth under any building (except space occupied by a basement or cellar) shall be provided with ventilation openings through foundation walls or exterior walls. The minimum net area of ventilation openings shall not be less than 1 square foot for each 150 square feet (0.67 m² for each 100 m²) of under-floor space area. One such ventilating opening shall be within 3 feet (914 mm) of each corner of said building.

R408.2 Openings for under-floor ventilation.

The minimum net area of ventilation openings shall not be less than 1 square foot (0.0929 m²) for each 150 square feet (100 m²) of under-floor space area. One such ventilating opening shall be within 3 feet (914 mm) of each corner of the building. Ventilation openings shall be covered for their height and width with any of the following materials provided that the least dimension of the covering shall not exceed ¼ inch (6.4 mm):

1. Perforated sheet metal plates not less than 0.070 inch (1.8 mm) thick.
2. Expanded sheet metal plates not less than 0.047 inch (1.2 mm) thick.
3. Cast iron grills or grating.
4. Extruded load-bearing brick vents.
5. Hardware cloth of 0.035 inch (0.89 mm) wire or heavier.
6. Corrosion-resistant wire mesh, with the least dimension being 1/8 inch (3.2 mm).

Exceptions:

1. Where warranted by climatic conditions, ventilation openings to the outdoors are not required if ventilation openings to the interior are provided.

2. The total area of ventilation openings may be reduced to 1/1500 of the under-floor area where the ground surface is treated with an approved vapor retarder material and the required openings are placed so as to provide cross-ventilation of the space. The installation of operable louvers shall not be prohibited.

3. Under-floor spaces used as supply plenums for distribution of heated and cooled air shall comply with the requirements of Section M1601.9.

4. Ventilation openings are not required where continuously operated mechanical ventilation is provided at a rate of 1.0 cfm (10 m²) for each 50 square feet (1.02 L/s) of under-floor space floor area and ground surface is covered with an approved vapor retarder material.

5. Ventilation openings are not required when the ground surface is covered with an approved vapor retarder material, the space is supplied with conditioned air and the perimeter walls are insulated to R-5 for North Florida, R-4 for Central Florida and R-0 for South Florida.

R408.3 Access.

Access shall be provided to all under-floor spaces. Access openings through the floor shall be a minimum of 18 inches by 24 inches (457 mm by 610 mm). Openings through a perimeter wall shall be 16 inches by 24 inches (407 mm by 610 mm). When any portion of the through wall access is below grade, an areaway of not less than 16 inches by 24 inches (407 mm by 610 mm) shall be provided. The bottom of the areaway shall be below the threshold of the access opening. Through wall access openings shall not be located under a door to the residence. See M1305.1.4 for access requirements where mechanical equipment is located under floors.

R408.4 Removal of debris.

The under-floor grade shall be cleaned of all vegetation and organic material. All wood forms used for placing concrete shall be removed before a building is occupied or used for any purpose. All construction materials shall be removed before a building is occupied or used for any purpose.

R408.5 Finished grade.

The finished grade of under-floor surface may be located at the bottom of the footings; however, where there is evidence that the groundwater table can rise to within 6 inches (152 mm) of the finished floor at the building perimeter or where there is evidence that the surface water does not readily drain from the building site, the grade in the under-floor space shall

be as high as the outside finished grade, unless an approved drainage system is provided.

- 3.** Please call out on the plans the structural load bearing specification and the required design material for beams #1 and # 2 which supports a portion of the first floor joists.
- 4.** The structural plan shows 2" X 12" joist as floor joist for the first and second floor system. Pre-engineered floor trusses plans have been submitted with these plans, having truss numbers F01 and F02. Please indicate on the plans where these trusses will be placed. Also provide the material thickness and type which be used as supporting flooring.
- 5.** On page S-3 of the plans under framing notes and legend a note is made to see Sheet ST-1 for All-thread installation specifications. Sheet ST-1 was not submitted. Please provide sheet ST-1 and a typical two story wall section drawing, which details installation of All-thread rods system from the foundation to the top plates of the wall typical section. Include within this drawing all the structural material which will be employed to meet the requirements of 2004 edition of the Florida Residential Building Code.

Thank You:



Joe Haltiwanger
Plan Examiner
Columbia County Building
Department

**Universal
Forest
Products®, Inc.**

REQ. QUOTE DATE		02/28/07	ORDER #	57010203PER
ORDER DATE		02/28/07	QUOTE #	B07005772R
DELIVERY DATE		03/07/07	CUSTOMER ACCT #	CAHM1961
DATE OF INVOICE		03/07/07	CUSTOMER PO #	
ORDERED BY		ED SMITH	INVOICE #	
			TERMS	
SUPERINTENDANT		ED SMITH	SALES REP	961 Ed Smith
JOBSITE PHONE #			SALES AREA	318 Folkston 32

CUF SALES (ED SMITH)
CUF SALES (ED SMITH)
BURLINGTON, NC 27215

JOB NAME: RUSSELL - MADISON RESIDENCE

LOT # WIND:

MODEL:BUILDER BOY INC. **TAG:** 110,B,E,25

JOB CATEGORY: E6R

DELIVERY INSTRUCTIONS:
NEED DIRECTIONS

479 NW FROG HOLLOW
WHITE SPRINGS, FL 32096

SPECIAL INSTRUCTIONS:

BUILDING DEPARTMENT

OVERHANG INFO

HEEL HEIGHT

00-04-03

REQ. 1 LAYOUTS

REG. ENGINEERING

QUOTE	:
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BY	DATE

V

END CUT	RETURN
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89-04-03	
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REQ. LAYOUTS		

REQ. ENGINEERING		

QUOTE	J
LAYOUT	J

	02/28/07
	02/28/07

SQUARE	
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GABLE STUDS

24 IN. OC

		JOBSITE
--	--	---------

		JOB SITE
--	--	----------

LAYOUT	J
CUTTING	

	02/28/07
	1

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2714

		JOB SITE
--	--	----------

		JOB SITE
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CUTTING	
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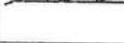
	11
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ROOF TRUSSES

LOADING INFORMATION

TCLL-TCOL-BCLL-BCDL	STRESS INCR.
20.0,7.0,10.0,5.0	1.25

ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

PROFILE	QTY PLY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS				
		TOP	BOT			TOP	BOT	LEFT	RIGHT					
	1	10.00	0.00	GABLE T01	16-02-00 16-02-00	2 X 4	2 X 4	02-00-00	02-00-00	Joint B 283.5 lbs. -109.6 lbs.	Joint J 283.5 lbs. -130.1 lbs.	Joint L 190.7 lbs. -80.9 lbs.	Joint M 166.2 lbs. -176.0 lbs.	Joint N 152.6 lbs. -9.8 lbs.
	8	10.00	7.00	SCISSOR T02	16-02-00 16-02-00	2 X 4	2 X 4	02-00-00	02-00-00	Joint B 785.2 lbs. -340.5 lbs.	Joint F 785.2 lbs. -340.5 lbs.			
	1 2 Ply	10.00	0.00	COMMON T03	16-02-00 16-02-00	2 X 4	2 X 6	02-00-00		Joint B 3076.1 lbs. -1241.2 lbs.	Joint F 2932.1 lbs. -1089.3 lbs.			
	1	10.00	0.00	GABLE T04	16-03-08 16-03-08	2 X 4	2 X 4	02-00-00		Joint B 269.0 lbs. -137.7 lbs.	Joint M 345.4 lbs. -79.5 lbs.	Joint N 126.2 lbs. -322.3 lbs.	Joint O 173.7 lbs. -117.4 lbs.	Joint P 170.5 lbs. -153.2 lbs.
	7	10.00	7.00	SPECIAL T05	16-03-08 16-03-08	2 X 4	2 X 4	02-00-00		Joint B 803.1 lbs. -347.6 lbs.	Joint G 659.4 lbs. -195.4 lbs.			
	1	10.00	0.00	GABLE T06	16-03-08 16-03-08	2 X 4	2 X 4	02-00-00		Joint B 268.9 lbs. -137.5 lbs.	Joint M 347.9 lbs. -80.1 lbs.	Joint N 126.1 lbs. -324.8 lbs.	Joint O 173.7 lbs. -117.5 lbs.	Joint P 170.5 lbs. -153.2 lbs.
	1	5.00	0.00	MONO HIP T07	26-02-00 26-02-00	2 X 4	2 X 4	02-00-00		Joint B 481.2 lbs. -355.8 lbs.	Joint H 1211.1 lbs. -692.5 lbs.	Joint K 2888.4 lbs. -1608.0 lbs.		
	1	3.54	0.00	MONO TRUSS T08	09-08-11 09-08-11	2 X 4	2 X 4	02-09-15		Joint B 518.7 lbs. -410.6 lbs.	Joint D 246.4 lbs. -200.5 lbs.	Joint F 381.8 lbs. -178.6 lbs.		
	1	5.00	0.00	JACK T09	04-10-15 04-10-15	2 X 4	2 X 4	02-00-00		Joint B 344.3 lbs. -270.1 lbs.	Joint C 99.2 lbs. -75.8 lbs.	Joint D 70.5 lbs. -44.9 lbs.		
	1	5.00	0.00	JACK T09A	04-10-15 04-10-15	2 X 4	2 X 4	02-00-00		Joint B 344.3 lbs. -270.1 lbs.	Joint C 99.2 lbs. -75.8 lbs.	Joint D 70.5 lbs. -44.9 lbs.		
	1	5.00	0.00	JACK T10	02-10-15 02-10-15	2 X 4	2 X 4	02-00-00		Joint B 280.9 lbs. -246.1 lbs.	Joint C 24.6 lbs. -22.4 lbs.	Joint D 40.5 lbs. -25.8 lbs.		
	1	5.00	0.00	JACK T10A	02-10-15 02-10-15	2 X 4	2 X 4	02-00-00		Joint B 280.9 lbs. -246.1 lbs.	Joint C 24.6 lbs. -22.4 lbs.	Joint D 40.5 lbs. -25.8 lbs.		
	1	5.00	0.00	MONO HIP T11	26-02-00 26-02-00	2 X 4	2 X 4	02-00-00		Joint B 399.1 lbs. -305.2 lbs.	Joint I 563.4 lbs. -390.0 lbs.	Joint L 1329.9 lbs. -847.7 lbs.		
	17	5.00	0.00	MONO TRUSS T12	10-00-00 10-00-00	2 X 4	2 X 4	02-00-00		Joint B 540.1 lbs. -374.9 lbs.	Joint E 394.3 lbs. -300.2 lbs.			

Reaction Summary

DATE 03/01/07 PAGE 2



**Universal
Forest
Products, Inc.**

REQ. QUOTE DATE	/ /	ORDER #	57010203PER
ORDER DATE	02/28/07	QUOTE #	B07005772R
DELIVERY DATE	03/07/07	CUSTOMER ACCT #	CAHM1961
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY		INVOICE #	
		TERMS	
SUPERINTENDANT	ED SMITH	SALES REP	961 Ed Smith
JOBSITE PHONE #		SALES AREA	318 Folkston 32

CUB SALES (ED SMITH) CUB SALES (ED SMITH) BURLINGTON, NC 27215	JOB NAME: RUSSELL - MADISON RESIDENCE	LOT #	WIND:
	MODEL: BUILDER BOY INC. TAG: 110,B,E,25	JOB CATEGORY: E6R	
479 NW FROG HOLLOW WHITE SPRINGS, FL 32096	DELIVERY INSTRUCTIONS: NEED DIRECTIONS		
	SPECIAL INSTRUCTIONS:		

BY DATE									
BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	00-04-03	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	jdr	02/28/07	
V	END CUT	RETURN				LAYOUT	jdr	02/28/07	
	SQUARE		GABLE STUDS	24 IN. OC	JOBSITE 2	CUTTING		/ /	

ROOF TRUSSES

LOADING
INFORMATION

TCLL-TCDL-BCLL-BCDL	STRESS INCR.
20.0,7.0,10.0,5.0	1.25

ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS		
	PLY	TOP	BOT			TOP	BOT	LEFT	RIGHT			
	10	5.00	0.00	JACK T13	06-10-08 06-10-08	2 X 4	2 X 4	02-00-00		Joint B 418.5 lbs. -308.1 lbs.	Joint C 160.4 lbs. -130.6 lbs.	Joint D 100.0 lbs. -63.6 lbs.



ation Summary

**Universal
Forest
Products, Inc.**

DATE 03/01/07 PAGE 1

REQ. QUOTE DATE	/ /	ORDER #	57010206PER
ORDER DATE	02/28/07	QUOTE #	B07005772F
DELIVERY DATE	03/07/07	CUSTOMER ACCT #	CAHM1961
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY		INVOICE #	
		TERMS	
SUPERINTENDANT	ED SMITH	SALES REP	961 Ed Smith
JOBSITE PHONE #		SALES AREA	318 Folkston 32

CUB SALES (ED SMITH) CUB SALES (ED SMITH) BURLINGTON, NC 27215	JOB NAME:RUSSELL - MADISON RESIDENCE	LOT #	WIND:
	MODEL:UILDER BOY INC. TAG:	JOB CATEGORY:E6F	
479 NW FROG HOLLOW WHITE SPRINGS, FL 32096	DELIVERY INSTRUCTIONS: NEED DIRECTIONS		
	SPECIAL INSTRUCTIONS: ATTACH ALL PDF'S		

BUILDING DEPARTMENT		OVERHANG INFO		HEEL HEIGHT	00-04-03	REQ. LAYOUTS		REQ. ENGINEERING		QUOTE	BY	DATE
V		END CUT	RETURN							LAYOUT	jdr	02/28/07
		SQUARE		GABLE STUDS	24 IN. OC		JOBSITE	2		JOBSITE	2	CUTTING
												/ /

FLOOR TRUSSESLOADING
INFORMATION

TCLL-TCOL-BCLL-BCDL	STRESS INCR.
40.0,10.0,0.0,5.0	1.00

FLOOR TRUSS SPACING: 24.0 IN. O.C. (TYP.)

FLOOR PROFILE	QTY PLY	DEPTH ID	BASE SPAN	O/A SPAN	END TYPE		INT BEARING		REACTIONS
					LEFT	RIGHT	SIZE	LOCATION	
	11	01-00-00 F01	16-02-00	16-02-00					Joint I 869.2 lbs. 421.7 lbs. Joint R 869.2 lbs. 463.3 lbs.
	3	01-00-00 F02	15-08-08	15-08-08					Joint I 850.2 lbs. 421.6 lbs. Joint Q 844.0 lbs. 441.2 lbs.

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant **Plans Examiner**

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All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.

Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required

Plans or specifications must state compliance with FBC Section 1609.

The following information must be shown as per section 1603.1.4 FBC

- a. Basic wind speed (3-second gust), miles per hour (km/hr).
- b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.
- c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.
- d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.
- e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifi ally designed by the registered design professional.

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation

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- [illegible]

- a. Attic space
- b. Exterior wall cavity
- c. Crawl space (if applicable)

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b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiteicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

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c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms
- h) Exhaust fans in bathroom

HVAC information

- a) **Energy Calculations** (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) **Gas System** Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done Private Potable Water**

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- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is \$50.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

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	Anderson Wood	French Double Door	FL 5312
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	American KRAFTman	Double Hung	FL 1475
B. HORIZONTAL SLIDER		SLIDER	1534
C. CASEMENT		Fixed Casement	1473
D. FIXED			
E. MULLION			
F. SKYLIGHTS	VELUX	SKY Light	FL 451 R2
G. OTHER			
3. PANEL WALL			
A. SIDING	3/4" 8" Cypress	Cypress Lap Siding	FL 889-R2
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	GAF OAKWOOD	50yr Architectural	FL 183-R2
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	Underlayment	151B FELT	FL 1814-R1
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simmons STRENGTH	TIGHT	FL 474-R1
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS	Engineered Lumber		FL 1008-R1
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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


APPLICANT SIGNATURE

4-25-07
DATE



Columbia County 9-1-1 Addressing / GIS Department

P.O. Box 1787, Lake City, FL 32056

Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com



9-1-1 Address Request Form

NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request: _____

Requester Last Name: _____

First Name: _____

Contact Telephone Number: _____

(Cell Phone Number if Provided): _____

Requested for Self: _____ or Requested for Company: _____
(check one)

If Address is Requested by a Company, Provide Name of Requesting Company:

Parcel Identification Number: _____ - _____ - _____ - _____

If in Subdivision, Provide Name Of Subdivision:

Phase or Unit Number (if any): _____ Block Number (if any): _____

Lot Number: _____

Attach Site Plan or you may use back of Request Form for Site Plan:

Requirements for Site Plan Are Listed on Back of Request Form:
(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)

Addressing / GIS Department Use Only:

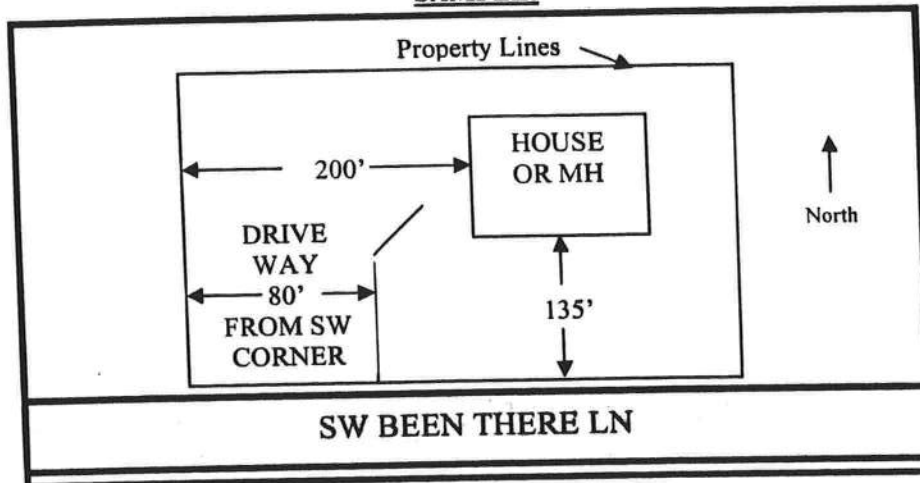
Date Received: _____

Date Assigned: _____

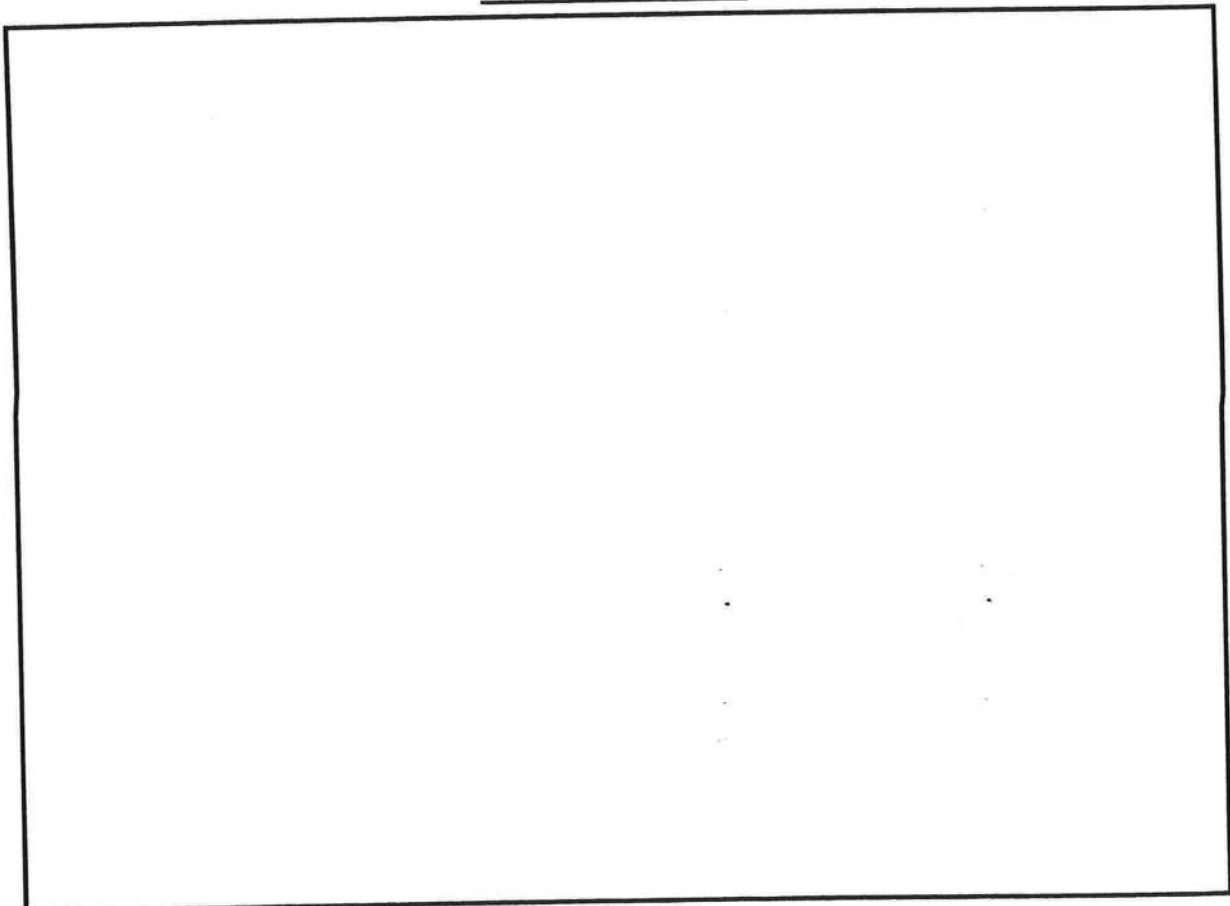
ID Number: _____

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:





Florida Acceptance Numbers

Model Number	Window Type	Frame Type	Application	Approval Number
2110	Single Hung	Flange	Masonry Block	FL1201
2130	Picture Window	Flange	Masonry Block	FL1202
2160	Single Hung	New Construction-Fin	Stick Frame	FL1204
2180	Picture Window	New Construction-Fin	Stick Frame	FL1203
2710	Single Hung	Flange	Masonry Block	FL1267
2730	Picture Window	Flange	Masonry Block	FL1270
2760	Single Hung	New Construction Fin	Stick Frame	FL1266
2780	Picture Window	New Construction-Fin	Stick Frame	FL1271
2910	Single Hung	New Construction-Fin	Stick Frame	FL1546
4100	Picture Window	Replacement	Masonry Block	FL1522
4100	Picture Window	New Construction-Fin	Stick Frame	FL1528
7400	Awning	Replacement	Masonry Block	FL1469
7450	Awning	New Construction-Fin	Stick Frame	FL1471
7500	Casement	Replacement	Masonry Block	FL1472
7550	Casement	New Construction-Fin	Stick Frame	FL1473
5500/5600/5700	Patio Door	Replacement	Masonry Block	FL1527, FL1538
5500/5600/5700	Patio Door	New Construction-Fin	Stick Frame	FL1540
8500	Double Hung	Replacement	Masonry Block	FL1474
8500 w/ Nail Fin	Double Hung	New Construction-Fin	Stick Frame	FL1475
8700/8900	Sliding Window	Replacement	Masonry Block	FL1532
8700/8900 w/ Nail Fin	Sliding Window	New Construction-Fin	Stick Frame	FL1534

Note:

*FL 1527 IS IDENTICAL TO FL 1538

This information can be located on the following website: www.Floridabuilding.org
Evaluation and Test Results can also be printed from the above listed website.

For installation instructions, visit AmericanCraftsmanwin.com

May 3, 2007

Joe Haltiwanger
Plan Examiner
Columbia County Building and Zoning Department
135 NE Hernando Avenue
Lake City, FL 32056-1529

**RE: Plan Review Comments
Building Permit Number 0704-64
R Madison Residence Addition**

Dear Joe:

The following is in response to plan review comments issued for the above referenced permit number. The comments are repeated in bold with the responses following.

- 1. Please have Mr. Gartner, the structural engineer evaluate the existing foundation and stem wall, to determine if this existing foundation system will have sufficient capacity to support the additional vertical loads which will be placed upon this existing foundation.**

Of the new loads, the most significant linear load is less than 2000plf. The existing footing is 12" wide, and with the soil below assumed at 2000psf, the existing footing is sufficient.

- 2. Page S-1 of the structural plans provides a typical foundation and CMU stem wall. Please show on the plans that the requirement of section R408 of the FRBC2004 are complied with for under floor space.**

Please see attached revised Sheet S-1.

- 3. Please call out on the plans the structural load bearing specification and the required design material for beams #1 and #2 which supports a portion of the first floor joists.**

Please see attached revised Sheet S-1

- 4. The structural plan shows 2"x12" joist as floor joist for the first and second floor system. Pre-engineered floor trusses plans have been submitted with these plans, having truss numbers F01 and F02. Please indicate on the plans where these trusses will be placed. Also provide the material thickness and type which be used as supporting flooring.**

070317501
May 3, 2007
Page 2

Trusses F01 and F02 are second floor trusses. The first floor will be done with 2x12 No.2 SYP as noted on Sheet S-1. The floor decking is $\frac{3}{4}$ " CDX nailed with 10d nails at 12" o.c. in field, 6" o.c. on edge.

- 5. On page S-3 of the plans under framing notes and legend a note is made to see sheet ST-1 for all thread installation specifications.**

Please see the attached Sheet ST-1.

Thank you for your attention to detail in your plan review. Please call if you have additional questions.

Very truly yours,



Geoff Gartner

Project Summary
Entire House
 Glenn I. Jones, Inc.

Job: Randy Madison
 Date:
 By: Louis Weeks

Project Information

For: Randy Madison
 479 Frog Hollow Way, White Springs, FL 32096

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db 33 °F
 Inside db 70 °F
 Design TD 37 °F

Summer Design Conditions

Outside db 92 °F
 Inside db 75 °F
 Design TD 17 °F
 Daily range M
 Relative humidity 50 %
 Moisture difference 52 gr/lb

Heating Summary

Structure 21160 Btuh
 Ducts 1058 Btuh
 Central vent (0 cfm) 0 Btuh
 Humidification 0 Btuh
 Piping 0 Btuh
 Equipment load 22218 Btuh

Sensible Cooling Equipment Load Sizing

Structure 19824 Btuh
 Ducts 1982 Btuh
 Central vent (0 cfm) 0 Btuh
 Blower 0 Btuh
 Use manufacturer's data n
 Rate/swing multiplier 0.97
 Equipment sensible load 21152 Btuh

Infiltration

Method Simplified
 Construction quality Average
 Fireplaces 0

	Heating	Cooling
Area (ft²)	1120	1120
Volume (ft³)	11197	11197
Air changes/hour	1.00	0.50
Equiv. AVF (cfm)	187	93

Latent Cooling Equipment Load Sizing

Structure 3271 Btuh
 Ducts 0 Btuh
 Central vent (0 cfm) 0 Btuh
 Equipment latent load 3271 Btuh
 Equipment total load 24423 Btuh
 Req. total capacity at 0.70 SHR 2.5 ton

Heating Equipment Summary

Make Carrier
 Trade Base 13 Puron HP
 Model 25HBA330A30

Efficiency 8.3 HSPF
 Heating input
 Heating output 31800 Btuh @ 47°F
 Temperature rise 30 °F
 Actual air flow 973 cfm
 Air flow factor 0.044 cfm/Btuh
 Static pressure 0.50 in H2O
 Space thermostat

Cooling Equipment Summary

Make Carrier
 Trade Base 13 Puron HP
 Cond 25HBA330A30
 Coil FY4ANF030

Efficiency 13 SEER
 Sensible cooling 20440 Btuh
 Latent cooling 8760 Btuh
 Total cooling 29200 Btuh
 Actual air flow 973 cfm
 Air flow factor 0.045 cfm/Btuh
 Static pressure 0.50 in H2O
 Load sensible heat ratio 0.87

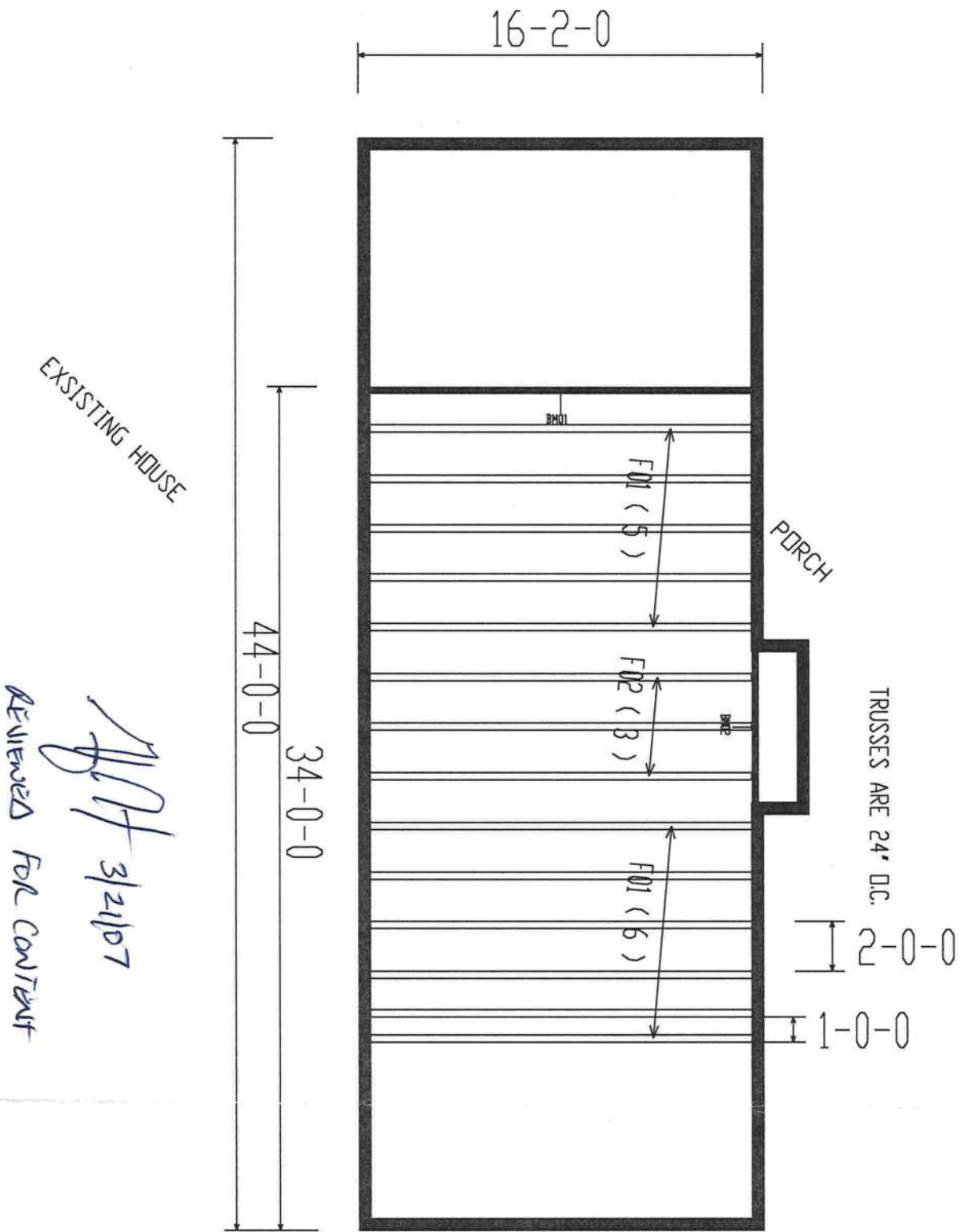
Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Comfort Builder by Wrightsoft 6.0.101 RSRCAR41560

T:\Projects - Quotes\Residential\Louis\Madison job\madison Job.rpt Calc = MJ7 Orientation = NW

2007-Apr-04 14:03:46

Page 1



3/21/07
 JLF
 REVIEWED FOR CONTENT

design criteria:

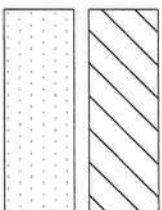
roof loading:

top chord live	40 psf
top chord dead	10 psf
bottom chord live	0 psf
bottom chord dead	5 psf

110 mph wind loading
 exposure b
 enclosed

notes:

-all chargebacks are to be authorized by
 ufp personnel
 -builder to frame all open areas



indicates porch condition

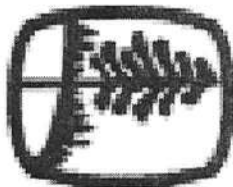
indicates vaulted or trey ceiling

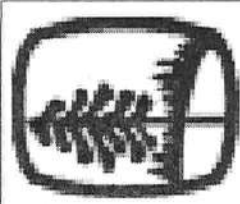
model:	customer name:
drawn by: JEREMY	CUF - ED SMITH
date: FEB 28, 2007	project:
checked by:	MADISON RESIDENCE FLOOR
revision date:	QUALITY PRODUCTS FOR QUALITY BUILDERS
revision date:	
revision date:	

note: this drawing is the property of ufp, and is not to be used for any purpose detrimental to the interest of ufp.

this drawing must be used in conjunction with all other technical drawings supplied by ufp and "bracing wood trusses: commentary and recommendations" as published by the truss plate institute for industry standards in erecting trusses. (tpi) is located at 583 donofrio dr. suite 200 madison, wi 53719 (608) 833 5900

UNIVERSAL FOREST PRODUCTS
 7563 phillips hwy, suite 103
 jacksonville, florida 32257
 phone: 904-332-9388
 fax: 904-332-9806





UNIVERSAL FOREST PRODUCTS
7563 phillips hwy, suite 103
jacksonville, florida 32257
phone: 904-332-9388
fax: 904-332-9806

note: this drawing is the property of ufpi, and is not to be used for any purpose detrimental to the interest of ufpi.
this drawing must be used in conjunction with all other technical drawings supplied by ufpi and "bracing wood trusses" as published by the truss plate institute for industry standards in erecting trusses. (tpi) is located at 583 donoho dr., suite 200, madison, wi 53719 / (608) 833-5900

customer name: BUILDER BOY INC
project: MADISON RESIDENCE ROOF
QUALITY PRODUCTS FOR QUALITY BUILDERS

model:
drawn by: JEREMY
date: FEB 28, 2007
checked by:
revision date:
revision date:
revision date:

design criteria:
roof loading:
top chord live 20 psf
top chord dead 7 psf
bottom chord live 10 psf
bottom chord dead 5 psf
110 mph wind loading
exposure b
enclosed

notes:

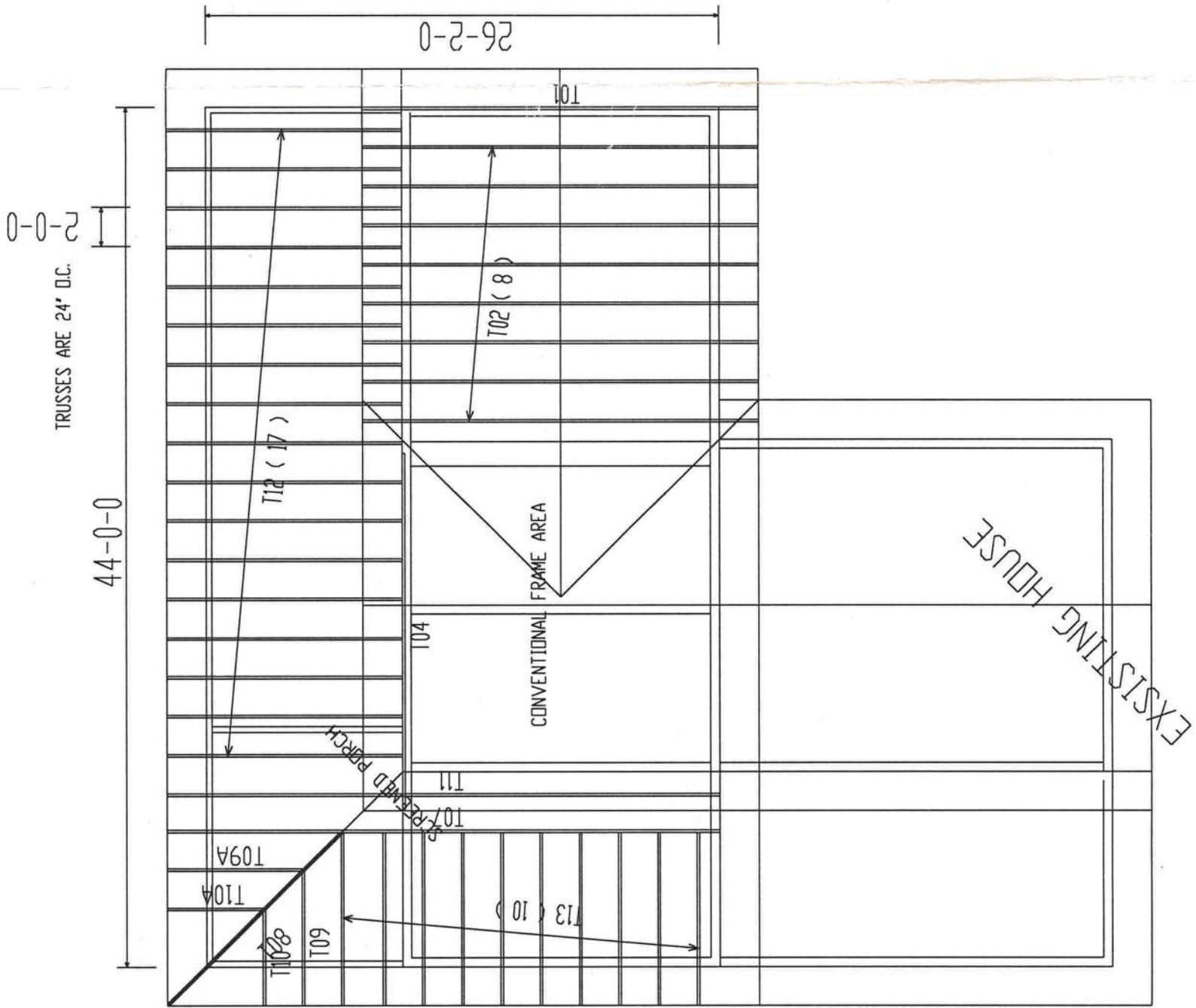
-all chargebacks are to be authorized by ufpi personnel
-builder to frame all open areas

inticates porch condition

indicates vaulted or tray ceiling

Handwritten signature and date: 3/21/07
REVIEWED FOR CONTENT

REVISED





UNIVERSAL FOREST PRODUCTS
7563 Phillips hwy, suite 103
Jacksonville, Florida 32257
phone: 904-332-9388
fax: 904-332-9806

note: this drawing is the property of ufpi, and is not to be used for any purpose detrimental to the interest of ufpi.
this drawing must be used in conjunction with all other technical drawings supplied by ufpi and "bracing wood trusses: commentary and recommendations" as published by the truss plate institute for industry standards in erecting trusses. (tpi) is located at 583 donofrio dr. suite 200 madison, wi 53719 / (608) 833-5900

customer name: CUF - ED SMITH
project: MADISON RESIDENCE FLOOR
QUALITY PRODUCTS FOR QUALITY BUILDERS

model:
drawn by: JEREMY
date: FEB 26, 2007
checked by:
revision date:
revision date:
revision date:

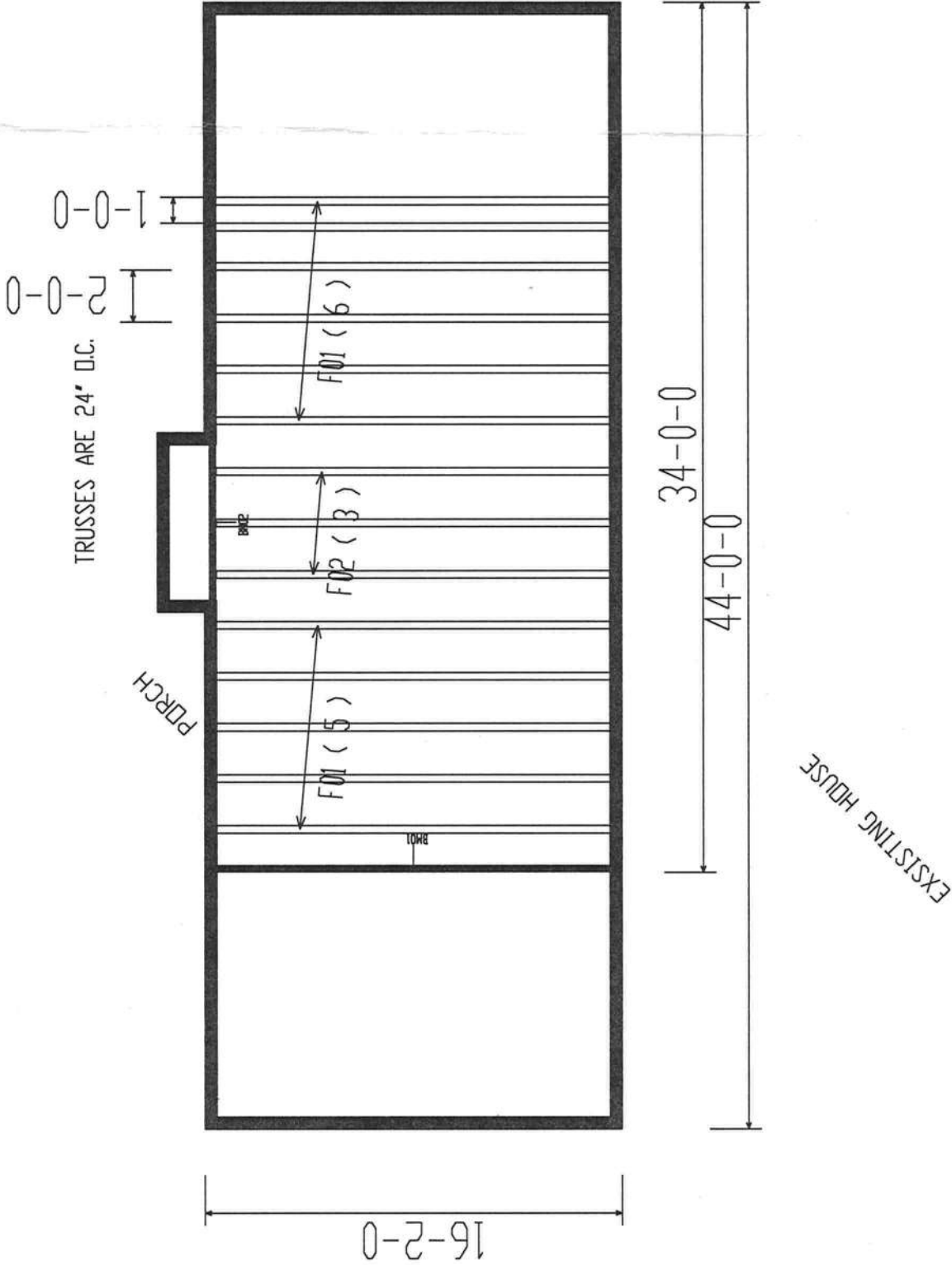
design criteria:
roof loading:
top chord live 40 psf
top chord dead 10 psf
bottom chord live 0 psf
bottom chord dead 5 psf

110 mph wind loading
exposure b
enclosed

notes:

-all chargebacks are to be authorized by ufpi personnel
-builder to frame all open areas

indicates porch condition
indicates vaulted or tray ceiling



Russell/Madison Residence
479 N.W. Frog Hollow Way
White Springs, FL 32096

PROJECT-2

Remodel Existing Home

SHEET-DESC

Electrical Plan
Scale: 1/4" = 1'-0"

Date: 01/30/07

DRAWN BY:

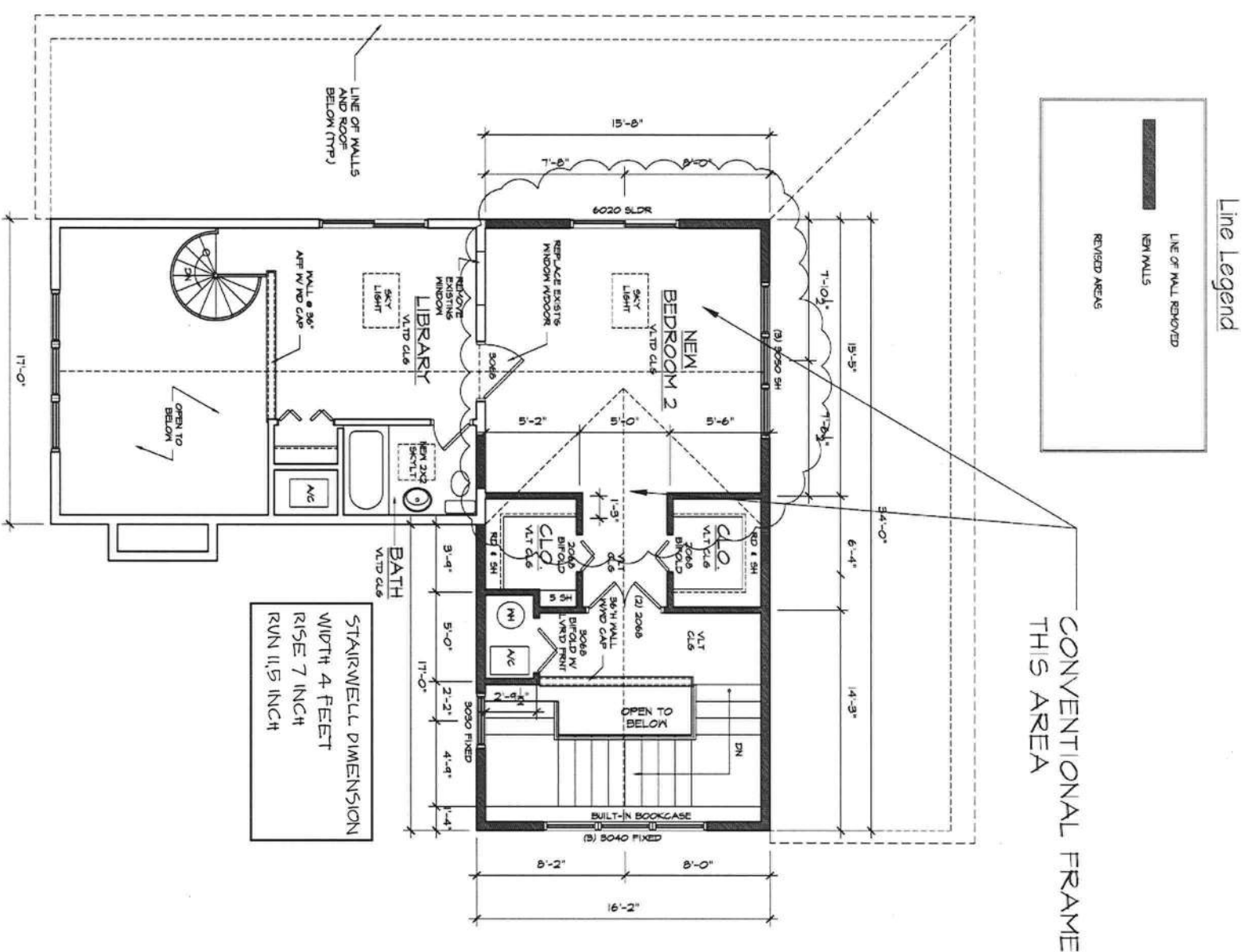
David A. Johnson

Revised: 03/21/07

FILENAME:

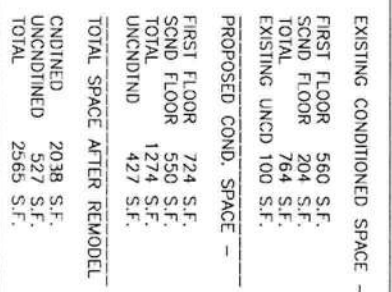
C:Russell/Madison

3 OF 6



PROPOSED
SECOND FLOOR PLAN

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



PROPOSED
FIRST FLOOR PLAN

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

