
ADDRESS . : 425 RAY BYRD RD SUBDIV:
CONTRACTOR : THOMAS CLIFFORD STEVE JR PHONE : (919) 906-4069
OWNER . . : BYRD JIMMY L & WIFE PHONE :
PARCEL . . : 10-0559- - -0045- -09-
APPL NUMBER: 07-50018438 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : STOCKYARD EST #44
TAKE HWY 401 S TO STOCKYARD RD, TAKE
RIGHT GO APPROX 1.5 MILES SUB DIV ON
LEFT GO STRAIGHT BACK ON RAY BYRD RD
(BACK LOTS) LOT ON LEFT
T/S: 09/10/2007 01:20 PM VBROWN ----
LAND NOTES : LXMN 7/30/02 10-0559-0044-01 C/W & DEL PER
MAP#2002/89 (GH)

STRUCTURE: 000 000 50X100 3BDR 2BATH
FLOOD ZONE : FLOOD ZONE X

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
P309 01	10/02/07	TT <i>AP JH</i>	R*PLUMB UNDER SLAB VRU #: 001496496

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	10/09/07	CA	
B111 01	10/08/07	TI	R*BLDG SLAB INSP VRU #: 001499870
	10/09/07	CA	
B101 02	10/10/07	TI	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001501709
		<i>AP JH</i>	
B111 02	10/10/07	TI	R*BLDG SLAB INSP VRU #: 001501717
		<i>AP JH</i>	
E207 01	10/10/07	TI	R*ELEC TEMP SERVICE POLE VRU #: 001501725
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E207 01	10/10/07	JH	R*ELEC TEMP SERVICE POLE VRU #: 001501725
	10/10/07	AP	
A814 01	10/24/07	TI	ADDRESS CONFIRMATION VRU #: 001509785
R425 01	10/24/07	TI	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 001509801

10/24/07
 JA DJ
 B-2/3
 A

----- COMMENTS AND NOTES -----

Trenco

818 Soundside Rd
Edenton, NC 27932

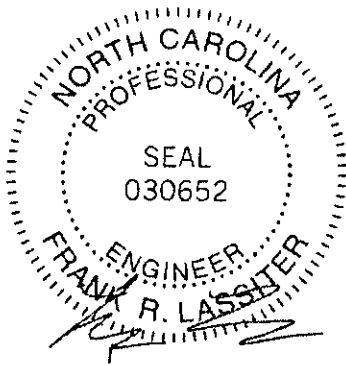
Re: J75122

cash/Thomas Properties/#44 Ray-Byrd Rd/

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: E4461413 thru E4461413

My license renewal date for the state of North Carolina is December 31, 2007.



October 18, 2007

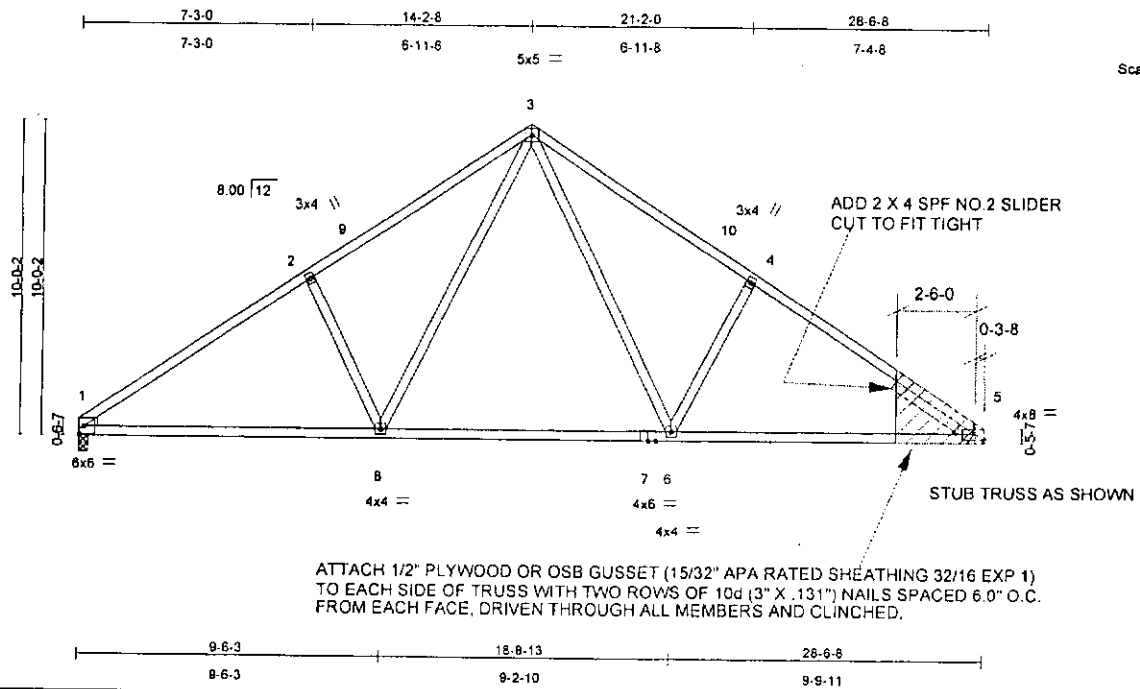
Lassiter, Frank

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-2002 Chapter 2.
Engineering services provided by Truss Engineering Company.

Job J75122	Truss B1	Truss Type COMMON	Qty 3	Ply 1	cash/Thomas Properties/44 Ray Byrd Rd Job Reference (optional)	E4481413
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Comtech Inc, PO Box 40408, 910-864-8787

7.010 s Sep 11 2007 Mitek Industries, Inc. Wed Oct 17 10:15:03 2007 Page 1



Scale = 1/64" = 1'

Plate Offsets (X,Y): [1:Edge,0-3-1], [5:0-0-3 Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	V/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.15	TC 0.37	Vert(LL) -0.40	6-8	>844	360	MT20	244/190
TCOL 10.0	Lumber Increase 1.15	BC 0.82	Vert(TL) -0.51	6-8	>663	240		
BCLL 0.0	Rep Stress Incr YES	WB 0.39	Horz(TL) 0.06	5	n/a	n/a		
BCDL 10.0	Code IRC2003/TPI2002	(Matrix)						Weight: 141 lb

LUMBER

TOP CHORD 2 X 4 SYP No.1
 BOT CHORD 2 X 4 SYP No.1
 WEBS 2 X 4 SYP No.3 *Except*
 3-8 2 X 4 SYP No.2, 3-6 2 X 4 SYP No.2

WEDGE

Left: 2 X 4 SYP No.3

REACTIONS

(lb/size) 5=1312/0-3-8, 1=1316/0-3-8
 Max Horz 1=337(LC 4)
 Max Uplift 5=237(LC 6), 1=237(LC 5)

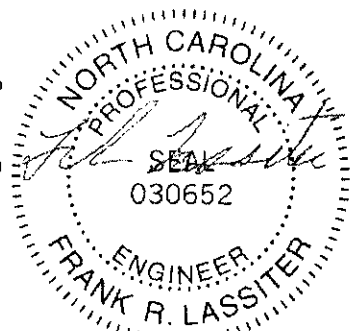
FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1979/336, 2-9=-1789/392, 3-9=-1669/434, 3-10=-1663/427, 4-10=-1784/385, 4-5=-1983/339
 BOT CHORD 1-8=-228/1526, 7-8=-21/1043, 6-7=-21/1043, 5-6=-162/1538
 WEBS 2-8=-348/301, 3-8=-215/816, 3-6=-209/826, 4-6=-365/302

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 100mph; h=15ft; TCCL=6.0psf; BCCL=5.0psf; Category II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Interior(1) zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 237 lb uplift at joint 5 and 237 lb uplift at joint 1.
- This truss is designed in accordance with the 2003 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 18, 2007

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
 Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53715.



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A814 01	10/24/07	DT	ADDRESS CONFIRMATION VRU #: 001509785
	10/24/07	DA	1. Need nail guards for plumbing in water heater closet. 2. Web brace missing on B2 and B3 trusses. 3. A trusses not strapped for enough uplift at joint 9. Okay to side and insulate.
R425 01	10/24/07	DT	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 001509801
	10/24/07	DA	X Need nail guards for plumbing in water heater closet. X Need web bracing for b2 and b3 trusses. Okay to side and insulate.
H824 01	10/25/07	OT	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001510783
	10/25/07	AP	
A814 02	10/26/07	TI	ADDRESS CONFIRMATION VRU #: 001510890
I129 01	10/26/07	TI	R*INSULATION INSPECTION VRU #: 001510874
R425 02	10/26/07	TI	FOUR TRADE ROUGH IN VRU #: 001510882

AP JH
TI
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R425 02	10/26/07	JH	FOUR TRADE ROUGH IN VRU #: 001510882
	10/26/07	AP	
A814 02	10/26/07	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001510890
	10/29/07	AP	425 Ray Byrd Rd
R429 01	11/26/07	TI	FOUR TRADE FINAL VRU #: 001524727

AP JA

----- COMMENTS AND NOTES -----

**COUNTY OF HARNETT
DEPARTMENT OF BUILDING INSPECTION
AND PLANNING/DEVELOPMENT
CERTIFICATE OF OCCUPANCY**

This certificate issued pursuant to the requirements of Section 105 of the North Carolina State Building Code and the Harnett County Zoning Ordinance certifies at the time of issuance this structure was in compliance with the various ordinances of the County of Harnett regulating development and building construction or use. For the following:

Use Classification: SFD

Type of Construction: V

Owner of Building: Jimmy Byrd

Building Address: 425 Ray Byrd Rd

Zoning District: _____

Zoning Permit No.: _____

Conditional Use Permit No.: _____

Building Permit No.: _____

Electrical Permit No.: _____

Insulation Permit No.: _____

Plumbing Permit No.: _____

Mech. Permit No.: _____

Envir. C.O. No.: _____

Date: 11-26-07

James T. Hall
Building Official

Zoning Official

07-50018438