



-----  
ADDRESS . . : 811 NORTHVIEW DR  
CONTRACTOR : ISRAEL LUCAS CONSTRUCTION INC  
OWNER . . . : ALLIED INVESTORS INC #165  
PARCEL . . . : 03-9587-09- -0020- -40-  
APPL NUMBER: 07-50018134 CP NEW RESIDENTIAL (SFD)  
-----

DIRECTIONS : SUNSET RIDE #165-27W TO TINGEN RD RT ON  
ALPINE LEFT ON NORTHVIEW DR. JD  
LAND NOTES : LXMN 3/07/03 LOT 165  
-----

STRUCTURE: 000 000 56X56 3BR CRAWL W/GARAGE & DECK  
FLOOD ZONE . . . . : FLOOD ZONE X  
-----

PERMIT: CPSF 00 CP \* SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	11/15/07 11/15/07	DT DA	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001520973 1. Footing must be a minimum 12 inches below grade in all locations. Shallow spots circled on plans.
B101 02	11/16/07 <u>11/16/07</u>	TI <u>AP DT</u>	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 001536069

----- COMMENTS AND NOTES -----  
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ADDRESS . : 811 NORTHVIEW DR SUBDIV: SUNSET RIDGE  
CONTRACTOR : ISRAEL LUCAS CONSTRUCTION INC PHONE : (919) 770-0902  
OWNER . . : ALLIED INVESTORS INC #165 PHONE :  
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A814 01	12/17/07	TI	ADDRESS CONFIRMATION VRU #: 001536077
B103 01	12/17/07 <i>12/17/07</i>	TI <i>AP DT</i>	R*BLDG FOUND & TEMP SVC POLE VRU #: 001536085

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

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B103 01	12/17/07 12/17/07	DT AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 001536085
A814 01	12/17/07 12/19/07	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001536077 811 northview dr
B105 01	1/08/08	TI	R*OPEN FLOOR VRU #: 001543869

*AP-21R*

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

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 LAND NOTES : LXMN 3/07/03 LOT 165

SUBDIV: SUNSET RIDGE  
 PHONE : (919) 770-0902  
 PHONE :

**STRUCTURE: 000 000 56X56 3BR CRAWL W/GARAGE & DECK**

FLOOD ZONE : FLOOD ZONE X  
 # BEDROOMS : 3.00 PROPOSED USE : SFD  
 SEPTIC - EXISTING? : NEW

**PERMIT: CPSF 00 CP \* SFD**

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B103 01	12/17/07	DT	R*BLDG FOUND & TEMP SVC POLE VRU #: 001536085
	12/17/07	AP	
A814 01	12/17/07	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001536077
	12/19/07	AP	811 northview dr
B105 01	1/08/08	MR	R*OPEN FLOOR VRU #: 001543869
	1/08/08	AP	
R425 01	1/29/08	TI	FOUR TRADE ROUGH IN VRU #: 001553777

*DA JH*

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

**Trenco**

818 Soundside Rd  
Edenton, NC 27932

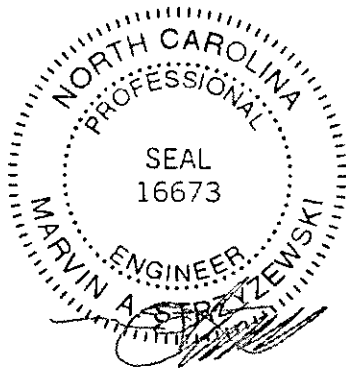
Re: J75684

Israel Lucas/165 Northview Drive/Harnet

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: E4616416 thru E4616416

My license renewal date for the state of North Carolina is December 31, 2008.



January 16, 2008

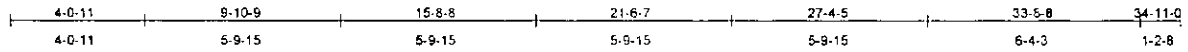
Strzyzewski, Marvin

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 J75684	Truss A1	Truss Type COMMON	Qty 2	Ply 1	Israel Lucas/165 Northview Drive/Hamet Job Reference (optional)	E4616418
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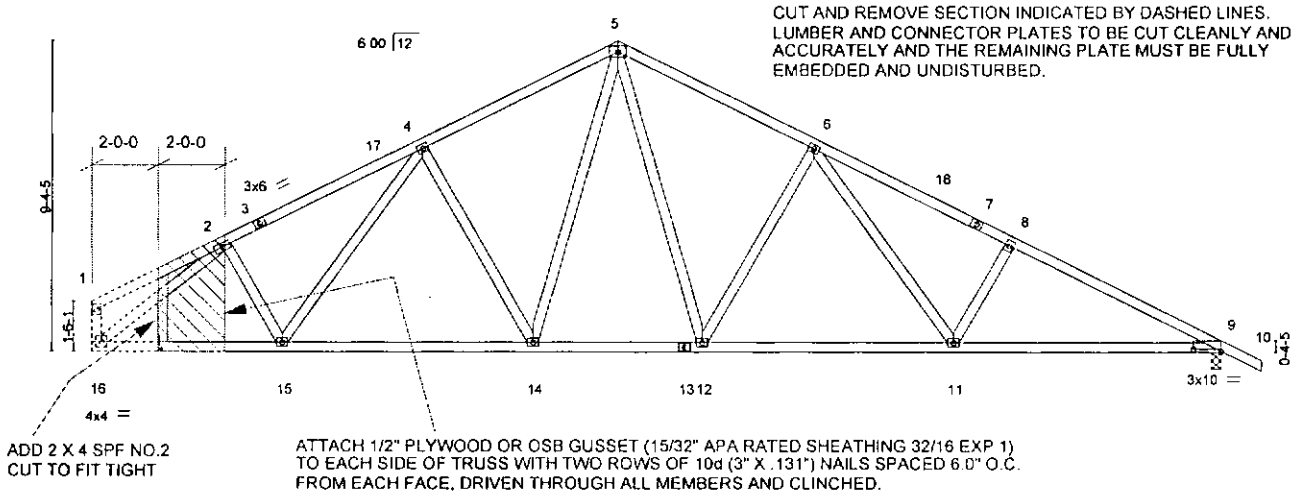
Comtech Inc, PO Box 40408, 910-864-8787

7:030 s Jan 3 2008 MiTek Industries, Inc. Mon Jan 14 15:55:56 2008 Page 1



STUB TRUSS AS SHOWN

Scale = 1:85.1



ADD 2 X 4 SPF NO.2 CUT TO FIT TIGHT

ATTACH 1/2" PLYWOOD OR OSB GUSSET (15/32" APA RATED SHEATHING 32/16 EXP 1) TO EACH SIDE OF TRUSS WITH TWO ROWS OF 10d (3" X .131") NAILS SPACED 6.0" O.C. FROM EACH FACE, DRIVEN THROUGH ALL MEMBERS AND CLINCHED.

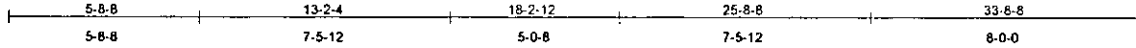


Plate Offsets (X,Y): [9:0-10:2,0-0-13]

LOADING (psf)	SPACING		CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0		TC 0.33	Vert(LL)	-0.14	12-14	>999	360	MT20	244/190
TCDL 10.0	Lumber Increase 1.15		BC 0.52	Vert(TL)	-0.28	9-11	>999	240		
BCLL 0.0	Rep Stress Incr YES		WB 0.84	Horz(TL)	0.10	9	n/a	n/a		
BCDL 10.0	Code IRC2003/TPI2002		(Matrix)							

Weight: 195 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

**BRACING**

TOP CHORD Structural wood sheathing directly applied or 3-8-3 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

**REACTIONS**

(lb/size) 9=1513/0-3-8, 16=1443/Mechanical  
Max Horz 16=-185(LC 3)  
Max Uplift 9=-344(LC 6), 16=-269(LC 5)

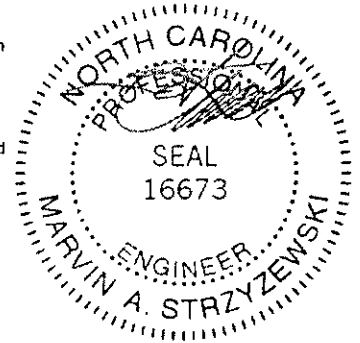
**FORCES (lb) - Maximum Compression/Maximum Tension**

TOP CHORD 1-2=-199/87, 2-3=-1936/399, 3-17=-1862/411, 4-17=-1794/427, 4-5=-1809/421, 5-6=-1873/431, 6-18=-2427/498, 7-18=-2441/480, 7-8=-2509/469, 8-9=-2686/472, 9-10=0/31, 1-16=-177/83  
BOT CHORD 15-16=-286/1583, 14-15=-183/1692, 13-14=-46/1407, 12-13=-46/1407, 11-12=-158/1875, 9-11=-294/2316  
WEBS 2-15=0/211, 4-15=-80/49, 4-14=-351/214, 5-14=-132/569, 5-12=-143/759, 6-12=-579/224, 6-11=-155/530, 8-11=-307/233, 2-16=-1884/321

**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.
- All plates are 3x4 MT20 unless otherwise indicated.
- \* 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 344 lb uplift at joint 9 and 269 lb uplift at joint 16.
- 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



January 16, 2008

**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 53719.

ENGINEERING BY  
**TRENCO**  
2400 E. Atlantic

818 Soundside Road  
Edenton, NC 27932

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A814 01	12/17/07 12/19/07	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001536077 811 northview dr
B105 01	1/08/08 1/08/08	MR AP	R*OPEN FLOOR VRU #: 001543869
R425 01	1/29/08 1/29/08	JH DA	FOUR TRADE ROUGH IN VRU #: 001553777 <del>1</del> ) Gabel truss missing T bracing per truss drawings. <del>2</del> ) Nail guard @ refrig. <del>3</del> ) Replace notched floor joist under toilet in spare bathroom <del>4</del> ) under washer box in laundry room. 4) Support drain line under house every 4' per code. ok to insulate ok to insulate
I129 01	2/04/08	TI AP-MR	R*INSULATION INSPECTION VRU #: 001557354
R225 01	2/04/08	TI AP-MR	TWO TRADE ROUGH IN VRU #: 001557347

COMMENTS AND NOTES



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R225 01	2/04/08 2/04/08	MR AP	TWO TRADE ROUGH IN VRU #: 001557347
H824 01	3/17/08 3/17/08	JW AP	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001579325
R429 01	4/01/08	TI	FOUR TRADE FINAL VRU #: 001585537

DA-MR

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R225 01	2/04/08 2/04/08	MR AP	TWO TRADE ROUGH IN VRU #: 001557347
H824 01	3/17/08 3/17/08	JW AP	✓ ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001579325
R429 01	4/01/08 4/01/08	MR DA	FOUR TRADE FINAL VRU #: 001585537 1. 2x8 on back porch over spanned 2. need bladder for insp. 3. water heater must rest on concrete pad or 8x16 blocks 4. relief line to outside of foundation 5. paint door on crawlspace to eliminate warping
R429 02	4/02/08	TI	FOUR TRADE FINAL VRU #: 001586890

DA-MR

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R429 02	4/02/08 4/02/08	MR DA	FOUR TRADE FINAL VRU #: 001586890 relief line is trapped
R429 03	4/03/08	TI	FOUR TRADE FINAL VRU #: 001587518

*AP. MP*

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: R-3

Type of Construction: TL

Owner of Building: Allied Investors

Building Address: 811 Northview

Zoning District: \_\_\_\_\_

Zoning Permit No.: \_\_\_\_\_

Conditional Use Permit No.: \_\_\_\_\_

Building Permit No.: 07 50018134

Electrical Permit No.: 11

Insulation Permit No.: 11

Plumbing Permit No.: 11

Mech. Permit No.: 11

Envir. C.O. No.: \_\_\_\_\_

Date: 4-3-8

Marta Reavis

Building Official

Zoning Official