ADDRESS . : 741 [redacted]
CONTRACTOR : CATES BUILDING INC
OWNER . . : THE HARNETT LAND GROUP II LLC
PARCEL . . : 03-9576-01- -0088- -82-
APPL NUMBER: 14-50034279 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : T/S: 07/25/2014 09:17 AM JBROCK ----
[redacted]

SUBDIV: TINGEN POINTE PH6
PHONE : (910) 481-0503
PHONE :

STRUCTURE: 000 000 52X41 3BDR MONO W/ GARAGE
FLOOD ZONE . . . . : FLOOD ZONE X
BEDROOMS . . . . . : 3000000.00
SEPTIC - EXISTING? . . . . : NEW TANK

PROPOSED USE . . . . . : SFD
WATER SUPPLY . . . . . : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED / COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
A814 01	9/24/14	SB	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002582161
	9/24/14	AP	T/S: 09/24/2014 09:06 AM SBENNETT ----------
			741 JUNO DR BROADWAY 27505
			POST # OM HOME
			T/S: 09/24/2014 09:06 AM SBENNETT ----------
P309 01	9/24/14	TSG	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002582229
	9/24/14	AP	
B114 01	10/02/14	TSG	R*BLDG MONO SLAB/TEMP SVC POLE VRU #: 002584647
	10/02/14	DA	1-lug footing left side of garage not 30x30 per plan
			2-no rebar in footer
			3-no insulation or rescheck letter on site
			4-need to verify compaction for built up lot.
B114 02	10/07/14	TSG	R*BLDG MONO SLAB/TEMP SVC POLE VRU #: 002586188
	10/07/14	AP	
B104 01	11/17/14	JB	R*FOUND & SETBACK VERIF SURVEY TIME: 17:00 VRU #: 002600054
	11/17/14	AP	T/S: 11/17/2014 03:05 PM JBROCK ----------
R425 01	11/18/14	TSG	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002600062
	11/18/14	DA	SHINGLES NOT COMPLETE
R425 02	11/24/14	TI	FOUR TRADE ROUGH IN VRU #: 002602027

COMMENTS AND NOTES

1- Strap LVL garage entry both Sides
2- Anchor bolts 12" from end garage
3- Straw bale cut in kitchen

ENGINEERING BY
TRENCO
A MiTek Affiliate

Trenco
818 Soundside Rd
Edenton, NC 27932

Re: J0714-3564
Cav & Cates/170 Tingen Pointe/Harnett

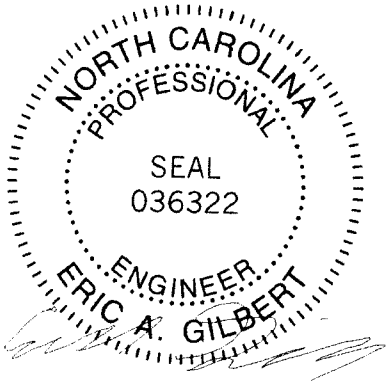
The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: E8436514 thru E8436514

My license renewal date for the state of North Carolina is December 31, 2014.

North Carolina COA: C-0844

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.



October 30,2014
Gilbert, Eric

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.
Engineering services provided by Truss Engineering Company.

Job	Truss	Truss Type	Qty	Ply	Cav & Cates/170 Tingen Pointe/Hamett
J0714-3564	F2	Floor Truss	3	1	E8436514

Comtech, Inc., Fayetteville, NC 28309

Job Reference (optional)

7.430 s Jul 25 2013 MiTek Industries, Inc. Wed Oct 29 13:59:21 2014 Page 1

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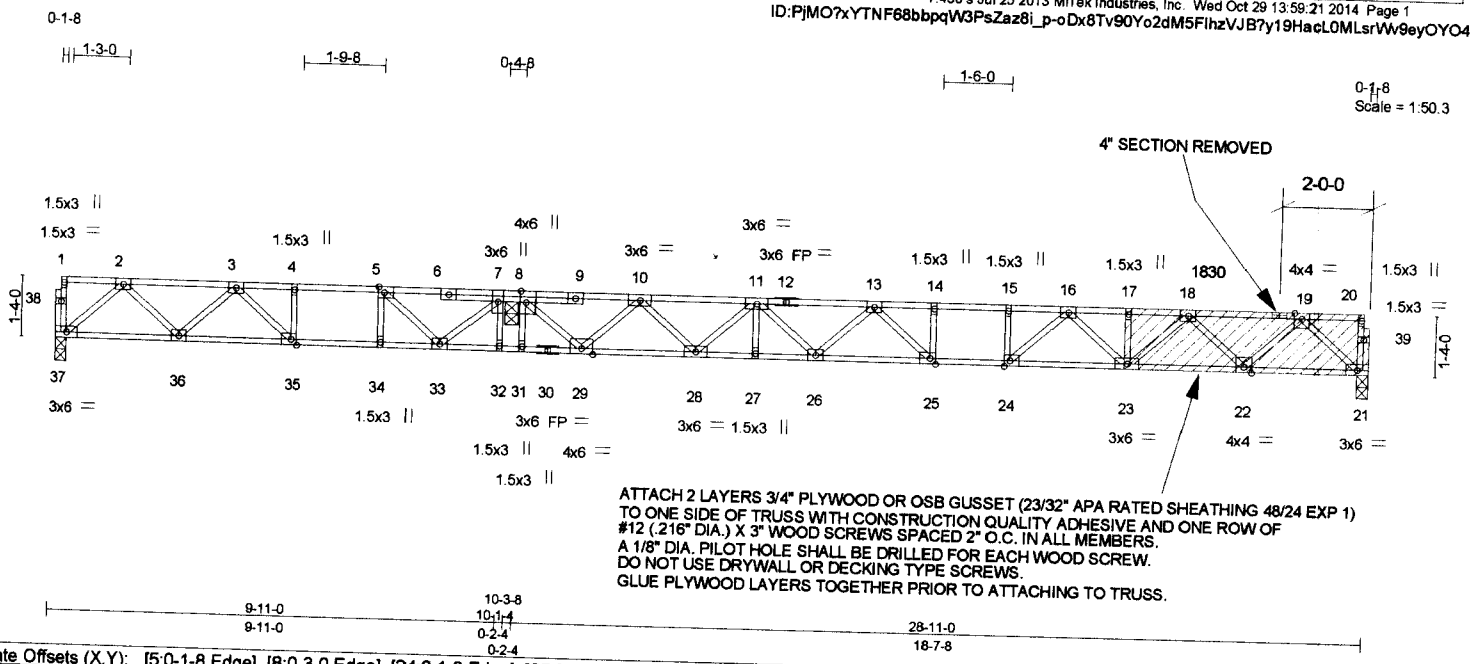


Plate Offsets (X,Y): [5:0-1-8,Edge], [8:0-3-0,Edge], [24:0-1-8,Edge], [25:0-1-8,Edge], [35:0-1-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.52	Vert(LL)	-0.26	25	>863	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.81	Vert(TL)	-0.40	25-26	>550	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.03	21	n/a	n/a		
BCDL	5.0	Code IRC2009/TPI2007		(Matrix)							Weight: 156 lb	FT = 20%F, 11%E

LUMBER

TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

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) 37=530/0-3-0 (min. 0-1-8), 7=30/0-3-8 (min. 0-1-8), 8=1582/0-3-8 (min. 0-1-8), 21=994/0-3-0 (min. 0-1-8)
Max Uplift 7=-388(LC 6)
Max Grav 37=530(LC 4), 7=435(LC 2), 8=1768(LC 6), 21=994(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-37=-37/0, 20-21=-34/0, 1-2=-2/0, 2-3=-837/0, 3-4=-990/0, 4-5=-990/0, 5-7=-480/0, 7-8=0/0, 8-10=-900/0, 10-11=-2332/0, 11-13=-3354/0, 13-14=-3728/0, 14-15=-3728/0, 15-16=-3728/0, 16-17=-3066/0, 17-18=-3066/0, 18-19=-1830/0, 19-20=-2/0

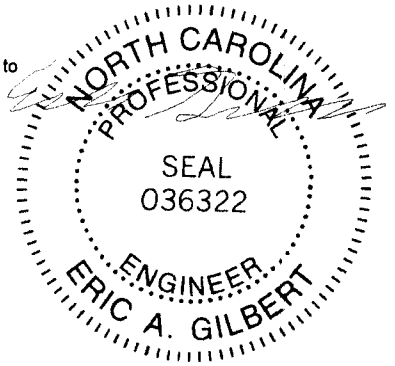
BOT CHORD 36-37=0/556, 35-36=0/1058, 34-35=0/990, 33-34=0/990, 32-33=0/0, 29-31=0/0, 28-29=0/1671, 27-28=0/2999, 26-27=0/2999, 25-26=0/3652, 24-25=0/3728, 23-24=0/3454, 22-23=0/2547, 21-22=0/1080

WEBS 7-32=0/20, 8-31=0/5, 2-37=-738/0, 2-36=0/391, 3-36=-307/0, 3-35=-142/124, 4-35=-78/14, 7-33=0/633, 5-33=-698/0, 5-34=0/163, 8-29=0/1181, 10-29=-1087/0, 10-28=0/922, 11-28=-908/0, 11-27=-22/20, 11-26=0/483, 13-26=-416/0, 13-25=-216/458, 14-25=-221/60, 19-21=-1436/0, 19-22=0/1042, 18-22=-998/0, 18-23=0/705, 17-23=-104/0, 16-23=-528/0, 16-24=-30/628, 15-24=-303/0

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 1 degree rotation about its center.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 388 lb uplift at joint 7.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
8) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



October 30,2014

ENGINEERING BY TRENCO
A MiTek Affiliate

818 Soundside Road
Edenton, NC 27932

VIOLATION NOTICE

DO NOT REMOVE!

Harnett County Inspection Department
108 East Front Street • P.O. Box 65
Lillington, NC 27546
Phone: (910) 893-7525 Ext. 1 • Fax: (910) 893-2793

Job Name: _____ Date: 11/24/16

Address: 791 Jump Dr

Lot No.: _____ Permit No.: _____

(Check Box for Violation)

❒ Footing	❒ Foundation	❒ Bldg.	❒ Elec.	❒ Plumb.	❒ Mech.	❒ Insul.	❒ Floor Fram.
❒ Floor Slab	❒ MFG. Home	❒ Modular	❒ Damp/Water Proof.	❒ Structural	❒ Wall Sheath.	❒ Other	

Violations Found:

1- Strap LVL in garage entry door both garages

2- Anchor bolts 12" from end in garage

3- Strap back cut in kitchen

Code Enforcement Official

Signature: _____ Date: _____

It is unlawful for any subcontractor, general contractor, or owner to cover or cause to be covered any part of the work with flooring, sheetrock, earth or other material until the proper inspector had ample time to approve the installation

WHITE COPY - CONTRACTOR/OWNER YELLOW COPY - INSPECTORS