

ADDRESS : [REDACTED] SUBDIV: TINGEN POINTE PH6
CONTRACTOR : CATES BUILDING INC PHONE : (910) 481-0503
OWNER . . : THE HARNETT LAND GROUP II LLC PHONE :
PARCEL . . : 03-9576-01- -0088- -81-
APPL NUMBER: 14-50034278 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : T/S: 07/25/2014 09:17 AM JBROCK ----
[REDACTED]

STRUCTURE: 000 000 42X45 3BDR MONO W/ GARAGE

FLOOD ZONE : FLOOD ZONE X
BEDROOMS : 3000000.00 PROPOSED USE : SFD
SEPTIC - EXISTING? : NEW TANK WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
A814 01	9/24/14 9/24/14	SB AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002582187 T/S: 09/24/2014 09:10 AM SBENNETT ----- 757 JUNO DR BROADWAY 27505 POST # ON HOME T/S: 09/24/2014 09:10 AM SBENNETT -----
P309 01	9/24/14 9/24/14	TSG AP	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002582195
B114 01	10/02/14 10/02/14	TSG DA	R*BLDG MONO SLAB/TEMP SVC POLE VRU #: 002584654 job not ready
B114 02	10/07/14 10/07/14	TSG AP	R*BLDG MONO SLAB/TEMP SVC POLE VRU #: 002586196
B104 01	11/21/14 11/21/14	JB AP	R*FOUND & SETBACK VERIF SURVEY TIME: 17:00 VRU #: 002602068 T/S: 11/21/2014 01:15 PM JBROCK -----
R425 01	11/24/14	TI	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002602076

Handwritten signatures and initials: JZ, AE

COMMENTS AND NOTES

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: 757 Jung Drive Date: 11/24/14

Address: _____

Lot No.: 169 Permit No.: _____

(Check Box for Violation)

- | | | | | | | | |
|-------------------------------------|-------------------------------------|----------------------------------|--|-------------------------------------|---------------------------------------|---------------------------------|--------------------------------------|
| <input type="checkbox"/> Footing | <input type="checkbox"/> Foundation | <input type="checkbox"/> Bldg. | <input type="checkbox"/> Elec. | <input type="checkbox"/> Plumb. | <input type="checkbox"/> Mech. | <input type="checkbox"/> Insul. | <input type="checkbox"/> Floor Fram. |
| <input type="checkbox"/> Floor Slab | <input type="checkbox"/> MFG. Home | <input type="checkbox"/> Modular | <input type="checkbox"/> Damp/Water Proof. | <input type="checkbox"/> Structural | <input type="checkbox"/> Wall Sheath. | <input type="checkbox"/> Other | |

Violations Found: _____

- 1- Anchor interior load bearing walls
- 2- No head or pressure test
- 3- Floor frame F06 ledger bearing
- 4- Floor frame F07 missing

OK to insulate
OK to side

Code Enforcement Official

Signature: [Signature] Date: 11/24/14

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

Trenco

818 Soundside Rd
Edenton, NC 27932

Re: J0814-3832

Lot 169 Tingen Pointe _ Harnett Co.

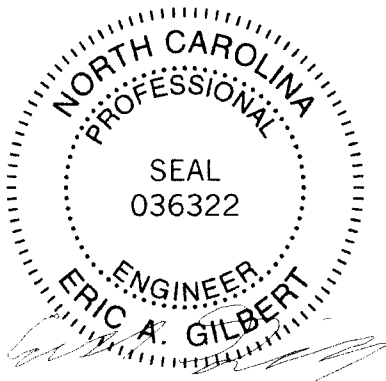
The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: E8470485 thru E8470485

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.



November 20, 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.

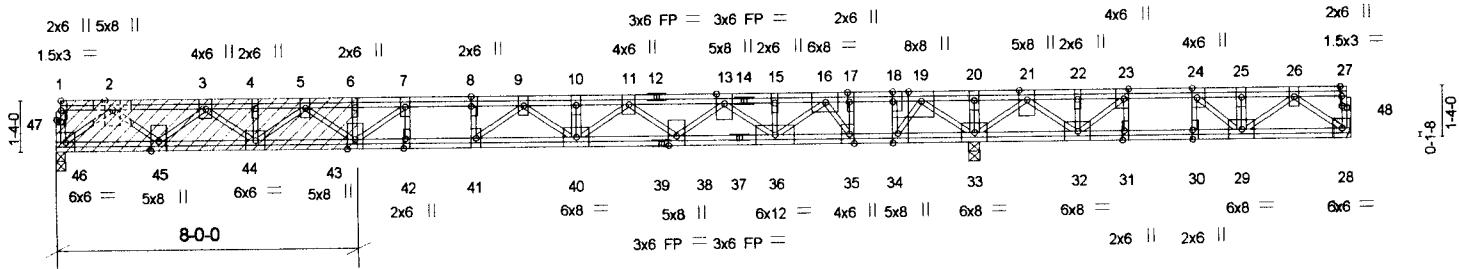
Job JD814-3832	Truss F04	Truss Type FLOOR TRUSS	Qty 5	Ply 1	Lot 169 Tingen Pointe _ Harnett Co. 7.430 s Jul 25 2013 MiTek Industries, Inc. Tue Nov 18 10:20:03 2014 Page 1	EB470485
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Comtech, Inc., Fayetteville, NC 28309

ID:9p26OqblvwyMPaGMPGvA1CyLJZW-PEV7mrlM29dkZoM56VUKWgdWVrhRgCT3z_VQIV8yI_rQ



12" SECTION OF TRUSS REMOVED



ATTACH 2 LAYERS 3/4" PLYWOOD OR OSB GUSSET (23/32" APA RATED SHEATHING 48/24 EXP 1) TO ONE SIDE OF TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND ONE ROW OF #12 (.216" DIA.) X 3" WOOD SCREWS 3" O.C. IN ALL MEMBERS. GLUE PLYWOOD LAYERS TOGETHER PRIOR TO ATTACHING TO TRUSS. A 1/8" DIA. PILOT HOLE SHALL BE DRILLED FOR EACH WOOD SCREW. DO NOT USE DRYWALL OR DECKING TYPE SCREWS.

Plate Offsets (X,Y):	[8:0-3-0,0-0-0], [17:0-3-0,Edge], [18:0-3-0,0-0-0], [23:0-3-0,Edge], [24:0-3-0,Edge], [27:0-3-0,Edge], [30:0-3-0,0-0-0], [31:0-3-0,Edge], [34:0-3-0,Edge], [35:0-3-0,Edge], [42:0-3-0,Edge], [47:0-1-8,0-0-8], [48:0-1-8,0-0-8]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.70	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Lumber Increase 1.00	BC 0.51	Vert(LL) -0.32 40-41 >889 480		
BCLL 0.0	Rep Stress Incr YES	WB 0.85	Vert(TL) -0.50 40-41 >575 360		
BCDL 5.0	Code IRC2009/TPI2007	(Matrix)	Horz(TL) 0.04 33 n/a n/a		
				Weight: 275 lb	FT = 20%F, 11%E

LUMBER	BRACING
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.1(flat)	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3(flat) *Except* 19-34: 2x4 SP No.2(flat)	

REACTIONS (lb/size) 46=1110/0-3-0 (min. 0-1-8), 28=23/Mechanical, 33=2561/0-3-8 (min. 0-1-8)
Max Uplift 28=-340(LC 2)
Max Grav 46=1119(LC 2), 28=370(LC 3), 33=2561(LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-46=-41/0, 27-28=-60/0, 1-2=0/0, 2-3=-2259/0, 3-4=-3924/0, 4-5=-3924/0, 5-6=-4912/0, 6-7=-4912/0, 7-8=-5179/0, 8-9=-5179/0, 9-10=-4644/0, 10-11=-4644/0, 11-13=-3354/0, 13-15=-1571/0, 15-16=-1571/0, 16-17=0/1267, 17-18=0/1267, 18-19=0/1267, 19-20=0/4397, 20-21=0/4397, 21-22=0/2883, 22-23=0/2883, 23-24=-439/1818, 24-25=-573/866, 25-26=-572/868, 26-27=0/0

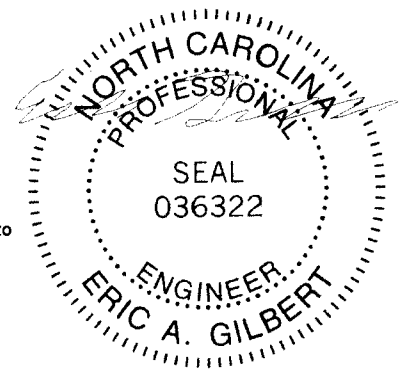
BOT CHORD 45-46=0/1365, 44-45=0/3202, 43-44=0/4509, 42-43=0/5179, 41-42=0/5179, 40-41=0/5011, 38-40=0/4100, 36-38=0/2620, 35-36=-166/212, 34-35=-1267/0, 33-34=-2632/0, 32-33=-3546/0, 31-32=-1818/439, 30-31=-1818/439, 29-30=-1818/439, 28-29=-460/389

WEBS 2-46=-1687/0, 2-45=0/1186, 3-45=-1248/0, 3-44=0/936, 4-44=-89/0, 5-44=-758/0, 5-43=0/523, 6-43=-114/82, 7-43=-723/0, 7-42=0/157, 21-33=-1402/0, 19-33=-2330/0, 19-34=0/2560, 16-35=-2330/0, 16-36=0/1783, 15-36=-50/0, 13-36=-1379/0, 13-38=0/990, 11-38=-1006/0, 11-40=0/711, 10-40=-103/0, 9-40=-488/0, 26-28=-481/567, 21-32=0/1231, 22-32=-42/244, 26-29=-522/233, 25-29=-399/0, 23-32=-1716/0, 9-41=-195/250, 8-41=-142/32, 24-29=0/1272, 23-31=0/482, 24-30=-475/0, 20-33=-342/0, 17-35=0/1352, 18-34=-1561/0

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x6 MT20 unless otherwise indicated.
- 3) Plates checked for a plus or minus 1 degree rotation about its center.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 46.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 340 lb uplift at joint 28.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 8) 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.
- 9) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



November 20, 2014

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIT-7473 rev. 1/29/2014 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314. If Southern Pine (SP) lumber is specified, the design values are those effective 06/01/2013 by ALSC.



818 Soundside Road
Edenton, NC 27932