ADDRESS . : 324 GILCHRIST RD SUBDIV:
CONTRACTOR : TCC VANDERBUILT LLC PHONE : (919) 774-6319
OWNER . . : BROWN BOBBY & JOSEPHINE PHONE :
PARCEL . . : 09-9575- - -0181- -07-
APPL NUMBER: 17-50042224 CP MODULAR HOME
DIRECTIONS : T/S: 09/08/2017 09:52 AM LLUCAS ----
27 TO NC 24 TO GILCHRIST RD - TURN
RIGHT GO ABOUT 1.5 MILES ON RIGHT

STRUCTURE: 000 000 41X72 4BDR 2BTH W/GAR W/DECK W/SUNROM
FLOOD ZONE . . . . : FLOOD ZONE X
BEDROOMS . . . . . : 4.00 PROPOSED USE . . . . . : SFD
SEPTIC - EXISTING? . . . . : COUNTY WATER SUPPLY . . . . . : NEW SEPTIC

PERMIT: CPMH 00 CP MODULAR

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	1/10/18	LL	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 003074143
	1/10/18	AP	T/S: 01/09/2018 12:16 PM LLUCAS ----------
			T/S: 01/10/2018 03:40 PM LLUCAS ----------
B103 01	2/15/18	TSG	R*BLDG FOUND & TEMP SVC POLE VRU #: 003089071
	2/15/18	DA	PIER BEHIND FRONT PORCH AREA DOES NOT HAVE 2" PROJECTION ON RIGHT SIDE.
			*NOT TEMP BOARD ON SITE
A814 01	2/15/18	SB	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003089778
	2/15/18	AP	324 GILCHRIST RD CAMERON 28326
			T/S: 02/15/2018 10:33 AM SBENNETT ----------
B103 02	2/20/18	DT	R*BLDG FOUND & TEMP SVC POLE VRU #: 003091433
	2/20/18	AP	T/S: 02/20/2018 01:01 PM DETAYLOR ----------
B119 01	2/27/18	TSG	R*MOD MARRIAGE WALL VRU #: 003094521
	2/27/18	DA	Key in permit box or door unlocked! 1- could not locate end wall connection paper work 2-end walls covered with house wrap could not see max connection joint 3-need truss lay out to locate truss with engineed connection requirements 4-open these areas in attic to verify required con connections
H824 01	2/28/18	OT	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 003096245
	2/28/18	AP	T/S: 03/01/2018 10:11 AM KHINSON ----------
			T/S: 03/01/2018 10:11 AM KHINSON ----------
B119 02	3/01/18	TSG	R*MOD MARRIAGE WALL TIME: 17:00 VRU #: 003095445
	3/01/18	DA	T/S: 02/28/2018 09:21 AM LLUCAS ---------- WOULD LIKE THE MORNING 1- HAVE ENG ADDRESS FIELD CONNECTIONS OF TRUSS BOTTOM CORD PER DRAWING. LEAVE THESE AREAS OPEN ALL OTHER WORK IS OK TO CONTINUE.
M305 01	4/04/18	TSG	R*PLUMB SEWER CONNECTION TIME: 17:00 VRU #: 003110368
	4/04/18	AP	T/S: 04/03/2018 03:04 PM BPETRICH ----------
			T/S: 04/04/2018 03:45 PM DJOHNSON ----------
P307 01	4/04/18	TSG	R*PLUMB WATER CONNECTION TIME: 17:00 VRU #: 003110376
	4/04/18	AP	T/S: 04/03/2018 03:04 PM BPETRICH ----------
			T/S: 04/04/2018 03:45 PM DJOHNSON ----------
R425 01	4/10/18	TSG	FOUR TRADE ROUGH IN VRU #: 003112141
	4/10/18	DA	Key is hanging inside garage door to the right Please inspect Garage and deck framing too 1- strap garage door lvl 2-upstairs decking installed could

---------- CONTINUED ONTO NEXT PAGE ----------

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OWNER . . : BROWN BOBBY & JOSEPHINE PHONE :
PARCEL . . : 09-9575- - -0181- -07-
APPL NUMBER: 17-50042224 CP MODULAR HOME

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
			not see area of concern during marriage wall inspectionm the connection of ttruss per engineer
B119 03	5/10/18	TSG	R*MOD MARRIAGE WALL VRU #: 003125473
	5/10/18	DP	Key in permit box or door unlocked! area still not open for inspetion as requested on 4/10/18 for roof truss repair per engineer letter $50.00 re-inspection fee
B119 04	5/16/18	TJ	R*MOD MARRIAGE WALL TIME: 17:00 VRU #: 003127214 T/S: 05/14/2018 08:59 AM BPETRICH ---------- PLEASE CALL JULIAN WITH VANDERBUILT AT 919.200.9520 TO DISCUSS THE TRUSS LETTER - HE IS SAYING NO REPAIRS WERE NEEDED. THANKS! ENG ATTACHED TO TICKET (SEE BETH)
R425 03	5/16/18	TJ	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 003127222 T/S: 05/14/2018 09:01 AM BPETRICH ----------

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

R-Anell Homes

235 Anthony Grove road
Crouse, NC 28033
direct 704 483 5511
toll free 800 951 5511
facsimile 704 483 0905
www.r-anell.com

3/9/2018

To Whom It May Concern:

RV105-A6
Serial number: 41232
Customer: Brown

This letter is to confirm that Truss CCB37709 from the permit package is to be replaced with truss # CCB3711.

Sincerely,

Jonathan Reed
Engineering
R-Anell Housing Group, LLC

Job	Truss	Truss Type	Qty	Ply	Commodore 315 NC
91192	CCB37711	CAPE COD	1	1	R41P9F (WITH BEARING AT OH 1 SIDE)
					Ref. #3157426

Universal Forest Products Inc., Grand Rapids, MI 49525, Weston Gorby 8.130 e Dec 12 2017 MiTek Industries, Inc. Thu Mar 8 10:48:52 2018 Page 1 of 2

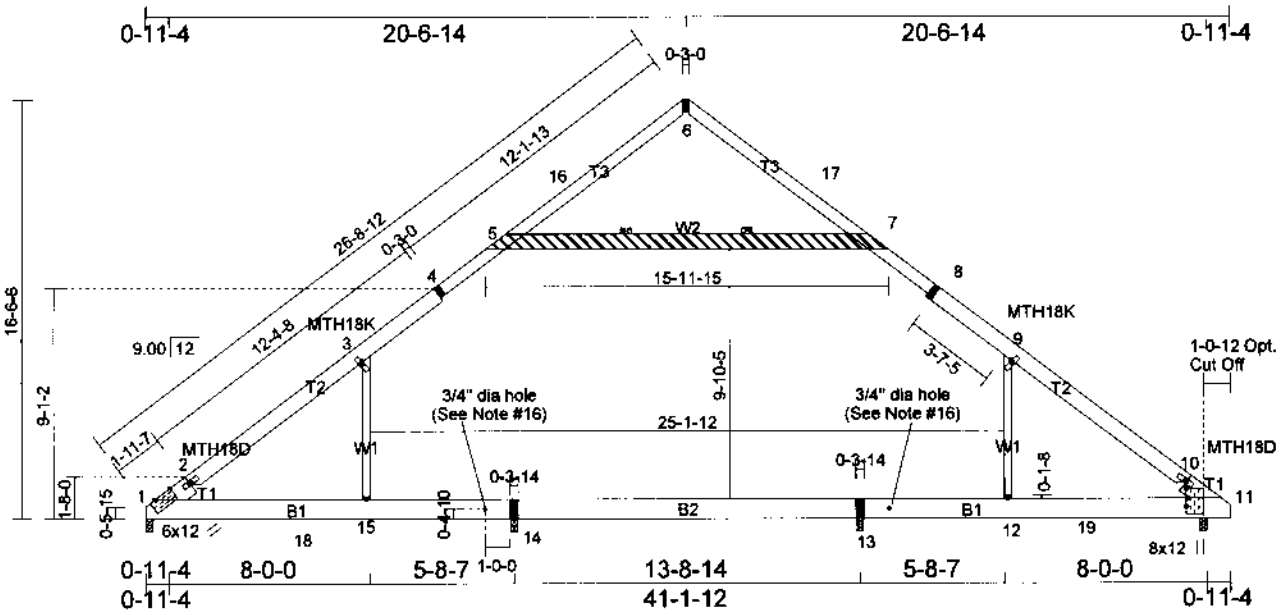

Plate Offsets (X,Y)– [1:0-9-3,0-0-0], [2:0-0-11,0-0-0], [3:0-0-11,0-1-2], [9:0-0-11,0-1-2], [10:0-0-11,0-0-0], [11:0-1-3,0-4-0], [11:0-4-10,0-1-3]

SPACING-: 2-0-0		SPACING-: 1-4-0		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
LOADING (psf)		LOADING (psf)		Plate Grip DOL	1.15	TC	0.94	Vert(LL)	0.60	1-15	>288	240	MT20	137/130
TCLL	23.1	TCLL	34.7	Lumber DOL	1.15	BC	0.62	Vert(TL)	-0.55	1-15	>315	180	MT18HS	137/130
(Ground Snow=30.0)		(Ground Snow=45.0)		Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.02	11	n/a	n/a		
TCDL	7.0	TCDL	10.5	Code IBC2009/TPI2007		Matrix-R		Attic	-0.31	14-15	452	360	Weight: 277 lb	
BCLL	0.0	BCLL	0.0										FT = 0%	
BCDL	10.0	BCDL	15.0											

LUMBER-

TOP CHORD 1-1/2X9-1/4 LP-LSL TC 1.75E *Except*
T2: 2x8 SP No.1 or 2x8 SPF No.2
T3: 2x6 SP No.1 or 2x6 SPF No.2
BOT CHORD 2x10 SP DSS
WEBS 2x4 SP No.2 or 2x4 SPF No.2 *Except*
W2: 2x8 SP No.2 or 2x8 SPF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-12 oc bracing.
WEBS 2 Rows at 1/3 pts 5-7

REACTIONS. (lb/size) 1=1331/0-3-8 (min. 0-2-1), 11=1345/0-3-8 (min. 0-2-2), 14=510/0-3-0 (min. 0-1-8), 13=420/0-3-0 (min. 0-1-8)
Max Horz 1=-1083(LC 7)
Max Uplift 1=-1011(LC 9), 11=-1018(LC 9), 14=-471(LC 9), 13=-435(LC 7)
Max Grav 1=1331(LC 1), 11=1345(LC 1), 14=1256(LC 13), 13=1206(LC 13)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1489/1126, 2-3=-1304/1140, 3-4=-1357/1413, 4-5=-1166/1433, 5-16=-459/350, 6-16=-347/370, 6-17=-340/371, 7-17=-465/351, 7-8=-1166/1432, 8-9=-1357/1412, 9-10=-1304/1121, 10-11=-1375/1113
BOT CHORD 1-18=-645/1057, 15-18=-645/1057, 14-15=-640/1055, 13-14=-640/1055, 12-13=-640/1055, 12-19=-642/1057, 11-19=-642/1057
WEBS 9-12=-534/900, 3-15=-564/930, 5-7=-874/1420

REQUIRED FIELD JOINT CONNECTIONS - Maximum Compression (lb)/ Tension (lb)/ Shear (lb)/ Moment (lb-in)
4=1256/1421/261/0, 5=885/1432/72/0, 6=272/373/316/0, 7=888/1436/72/0, 8=1255/1421/241/0, 12=534/900/0/0, 13=640/1055/687/0, 14=640/1055/687/0, 15=564/930/0/0

E-signed by Kevin Freeman

3/8/2018

The professional engineering seal indicates that a licensed professional has reviewed the design under the standards referenced within this document, not necessarily the current state building code. The engineering seal is not an approval to use in a specific state. The final determination on whether a truss design is acceptable under the locally adopted building code rest with the building official or designated appointee.

Job	Truss	Truss Type	Qty	Ply	Commodore 315 NC
91192	CCB37711	CAPE COD	1	1	R41P9F (WITH BEARING AT OH 1 SIDE)
					Ref. #3157426

NOTES-

1) Wind: ASCE 7-05; 130mph @24in o.c.; TCDL=2.8psf; BCDL=4.0psf; (Alt. 150mph @16in o.c.; TCDL=4.2psf; BCDL=6.0psf); h=30ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pg=30.0 psf (ground snow); Ps=23.1 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) See HINGE PLATE DETAILS for plate placement.
8) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
9) All additional member connections shall be provided by others for forces as indicated.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
12) Ceiling dead load (5.0 psf) on member(s). 3-5, 7-9, 5-7
13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 14-15, 13-14, 12-13
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1011 lb uplift at joint 1, 1018 lb uplift at joint 11, 471 lb uplift at joint 14 and 435 lb uplift at joint 13.
15) This truss has been designed in accordance with the 2009 IBC Section 2303.4.6, 2009 IRC Section 802.10.2.
16) This truss design allows for the following max. bolt holes along the member c/lines spaced a min. of 0-6-0 apart: 0.750in in the bottom chord.
17) Attic room checked for L/360 deflection.
18) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
19) The field-installed members are an integral part of the truss design. Retain a design professional to specify final field connections and temporary supports. All field-installed members must be properly fastened prior to applying any loading to the truss. This design anticipates the final set position.
20) Based on: CCB37709
21) Revision: Removed bottom chord scabs, added hole note.

Universal Forest Products, Inc. 2801 EAST BELTLINE RD, NE
PHONE (616)-364-6161 FAX (616)-365-0060 GRAND RAPIDS, MI 49525

UNIVERSAL FOREST PRODUCTS, INC.

Job	Truss	Customer	MFG
91192	CCB37711	COMMODORE	315

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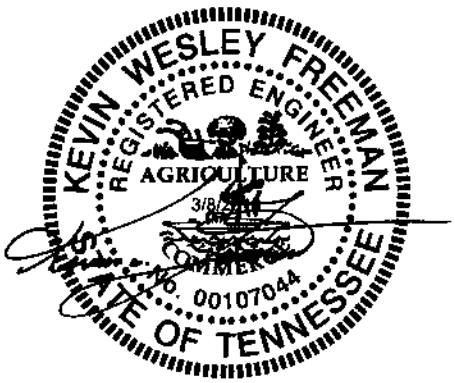

Corporate Engineering
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