ADDRESS . : 697 COKESBURY PARK LN SUBDIV: COKESBURY PARK
CONTRACTOR : JLS HOMES, LLC PHONE : (919) 422-7306
OWNER . . : JLS HOMES LLC PHONE :
PARCEL . . : 05-0635- - -0124- -21-
APPL NUMBER: 17-50040961 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : T/S: 03/17/2017 01:17 PM JBROCK ----
COKESBURY PARK #59

STRUCTURE: 000 000 50X55 3BDR CRAWL W/ GARAGE & DECK
FLOOD ZONE . . . . : FLOOD ZONE X
BEDROOMS . . . . . : 3000000.00 PROPOSED USE . . . . . : SFD
SEPTIC - EXISTING? . . . . : NEW TANK WATER SUPPLY . . . . . : COUTNY

PERMIT: CPSF 00 CP * SFD

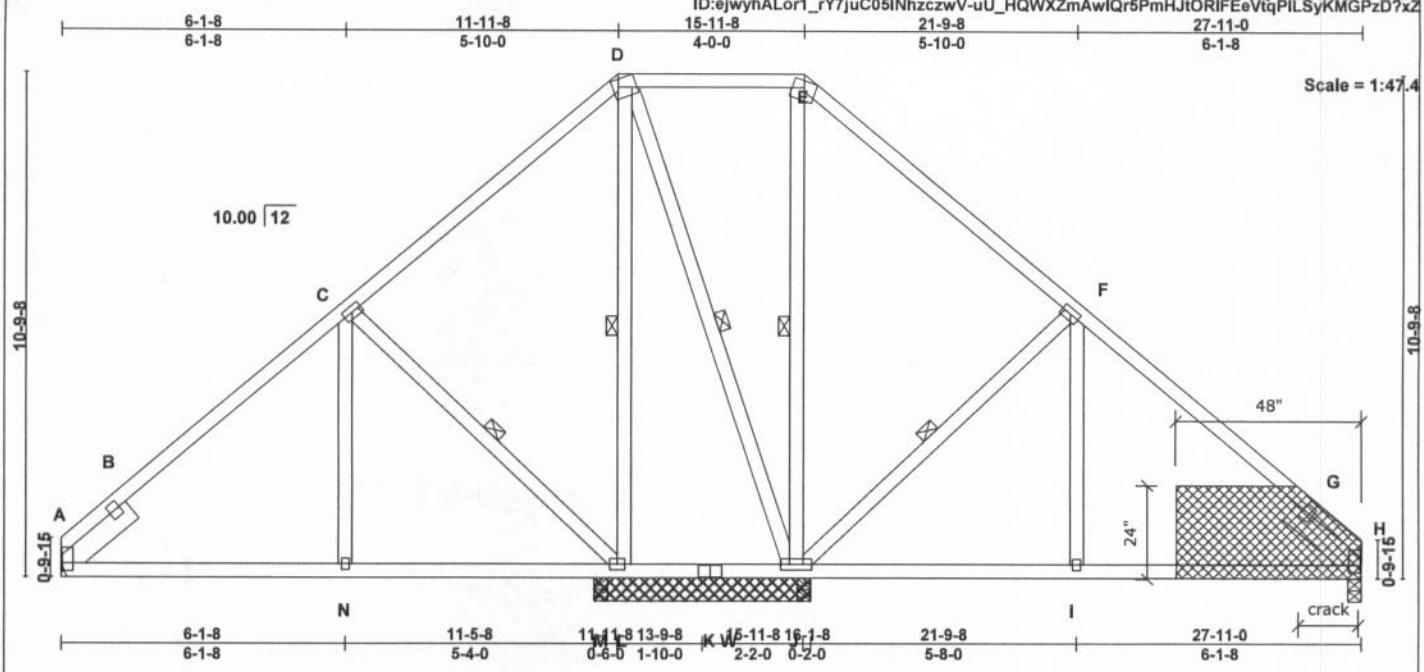
TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	4/05/17	BS	R*BLDG FOOTING / TEMP SVC POLE VRU #: 002954431
	4/05/17	AP	T/S: April 05, 2017 09:53 AM BSUTTON ---------- need tpole premise
B103 01	4/19/17	BS	R*BLDG FOUND & TEMP SVC POLE VRU #: 002959518
	4/19/17	AP	T/S: April 19, 2017 09:52 AM BSUTTON ----------
B105 01	4/24/17	BS	R*OPEN FLOOR VRU #: 002963122
	4/24/17	CA	T/S: April 24, 2017 08:28 AM BSUTTON ---------- per contractor
B105 02	4/26/17	BS	R*OPEN FLOOR VRU #: 002964054
	4/26/17	AP	T/S: April 26, 2017 10:35 AM BSUTTON ----------
A814 01	5/23/17	SB	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002975464
	5/22/17	AP	697 CAKESBURY PARK LN FUQUAY VARINA 27526 T/S: 05/22/2017 11:33 AM SBENNETT ----------
R425 01	5/23/17	BS	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002975472
	5/23/17	DA	T/S: 05/22/2017 08:11 AM JBROCK ---------- T/S: May 23, 2017 11:42 AM BSUTTON ---------- 1. Siding installed on house without inspection. 2. Firecaulk holes at entry door/washroom. 3. Truss A1 at garage end has a bad knot in the tension plane of the bottom chord. Have the truss company review this truss for possible failure. 4. Wrong nails in truss hangers. See Cutsheet D2L 5. Finish firestop at top of HVAC chase. 6. Stud columns under girder truss not direct bearing as shown on engineered detail. 7 Strap stud columns under girder truss. Do not insulate
R425 02	5/31/17 5/31/17	TI AP135	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002976876 T/S: 05/30/2017 08:15 AM BPETRICH ----------

COMMENTS AND NOTES

Eng. AH

Job	Truss	Truss Type	Qty	Ply	JLS HOMES/LOT 59 COKESBURY PARK RF
67009922REPA	A4	Piggyback Base	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC — 8.030 s Apr 8 2017 MiTek Industries, Inc. Thu May 25 09:50:18 2017 Page 1
ID:ejwyhALor1_rY7juC05INhzczwV-uU_HQWXZmAwlQr5PmHJtORIFEeVtqPILSyKMGPzD?xZ



Repair for a crack in the bottom chord at a knot.

Attach 1/2" Plywood or 7/16" OSB (APA Rated Sheathing Exposure 1) gusset to both sides of truss as shown with two rows of 10d (.131" x 3") nails 4" oc in all members from each face, driven through both sheets of plywood.

Plate Offsets (X,Y)– [A:0-2-0,0-0-3], [D:0-1-8,0-2-0], [H:0-3-14,0-0-3]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.43	Vert(LL) 0.05 N-Q >999 240	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.32	Vert(TL) -0.07 N-Q >999 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.15	Horz(TL) -0.02 A n/a n/a	
BCDL 10.0	Code IRC2009/TPI2007	Matrix-MSH		Weight: 189 lb FT = 4%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-0, Right 2x6 SP No.2 1-11-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): D-E.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt C-L, D-L, D-J, E-J, F-J

REACTIONS. All bearings 4-8-0 except (jt=length) A=Mechanical, H=Mechanical, M=0-3-8.
(lb) - Max Horz A=300(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) except A=-129(LC 5), H=-158(LC 6), L=-180(LC 5)
Max Grav All reactions 250 lb or less at joint(s) M except A=542(LC 1), H=519(LC 1), L=533(LC 1), J=702(LC 1), J=702(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD A-B=-301/0, B-C=-389/216, C-D=-232/283, D-E=-51/282, E-F=-198/278, F-G=-358/230, G-H=-290/0
BOT CHORD A-N=-205/374, M-N=-205/374, L-M=-205/374, I-J=-61/351, H-I=-61/351
WEBS C-L=-403/251, F-J=-407/244, F-I=0/256

NOTES- (9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint A, 158 lb uplift at joint H and 180 lb uplift at joint L.
7) This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) This repair has been prepared based on information and use conditions supplied by client. Designer has made a good faith effort to outline damage and repair conditions as reported by client. When actual field conditions do not approximate those indicated on this drawing, client shall immediately inform the engineer and refrain from applying the repair.

LOAD CASE(S) Standard

SOUTHERN ENGINEERS

James Herman, PE – Owner

Consulting Structural Engineers

TO: JLS HOMES, LLC
P.O. BOX 696
HOLLY SPRINGS, NC 27540

********* FIELD CHANGE ORDER *********

VIA EMAIL: jhiegel@jlshomes.com

PROJECT #: 17-1087-A

PAGE: 1 of 1

DATE: May 30, 2017

LOCATION: Lot 59, Cokesbury Park

PLANS REF: "Lot 59, Cokesbury Park" by Design Meister

Hanger Attachment: Per roof truss layouts by UFP Mid-Atlantic for the above referenced location, the A3 roof trusses are to be attached to the D2L girder truss with HUS26 hangers. Per USP structural connectors catalog require the hanger is required to be attached using 16d common nails. The hangers were attached using 3-1/4" 12d nails.

Response: Be advised that the above hanger attachment using 3-1/4" 12d nails is structurally acceptable.

In closing, I trust that this letter fulfills your requirements at this time. Should you have any further questions, please do not hesitate to call.

Sincerely,

Jonathan A. Troxler, P.E.
Southern Engineers, P.A.
(License: C-1287)
Cc: wjh/jat

3716 Benson Drive Raleigh, NC 27609 (919) 878-1617 (888) 200-7607 fax: (919) 873-9029
www.southernengineers.com email: southern@southernengineers.com