
ADDRESS . : 109 JACOB ST SUBDIV: JONATHAN RIDGE
CONTRACTOR : SCOTT LEE HOMES INC PHONE : (919) 553-2085
OWNER . . : SCOTT LEE HOMES INC PHONE : (919) 553-2085
PARCEL . . : 05-0635- - -0103- -24-
APPL NUMBER: 07-50018411 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : 210 TOWARDS ANGIER LEFT ONTO HWY 55 TO
HWY 42 GO THUR F-VAR. TURN LEFT ONTO
TURELOVE RIGHT ONTO ADRIAN ST LEFT ONTO
JACOB ST LOT ON LEFT JB

STRUCTURE: 000 000 44X47.10 4BDR
FLOOD ZONE : FLOOD ZONE X

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED	INSP	DESCRIPTION
	COMPLETED	RESULT	RESULTS/COMMENTS
B101 01	10/10/07	TI	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001501634
	<u>10-10-07</u>	<u>APBS</u>	

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

ADDRESS . . : 109 JACOB ST
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TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	10/10/07	BS	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001501634
	10/10/07	AP	\
B103 01	10/17/07	TI	R*BLDG FOUND & TEMP SVC POLE VRU #: 001505544
	<u>10-17-07</u>	<u>APB</u>	
A814 01	10/17/07	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001505551
	10/16/07	AP	109 Jacob St Lot 8

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TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	10/10/07 10/10/07	BS AP	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001501634 \ R*BLDG FOUND & TEMP SVC POLE VRU #: 001505544
B103 01	10/17/07 10/17/07	BS AP	
A814 01	10/17/07 10/16/07	TI AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001505551 109 Jacob St Lot 8
B105 01	10/23/07 10/23/07	BS AE	R*OPEN FLOOR VRU #: 001508811 Brick up vent hole at double o for cantilever. Recheck at final
R425 01	11/16/07 <i>11-16-07</i>	TI <i>OABS</i>	FOUR TRADE ROUGH IN VRU #: 001521384

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

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DIRECTIONS : 210 TOWARDS ANGIER LEFT ONTO HWY 55 TO
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 JACOB ST LOT ON LEFT JB

STRUCTURE: 000 000 44X47.10 4BDR
 FLOOD ZONE . . . : FLOOD ZONE X

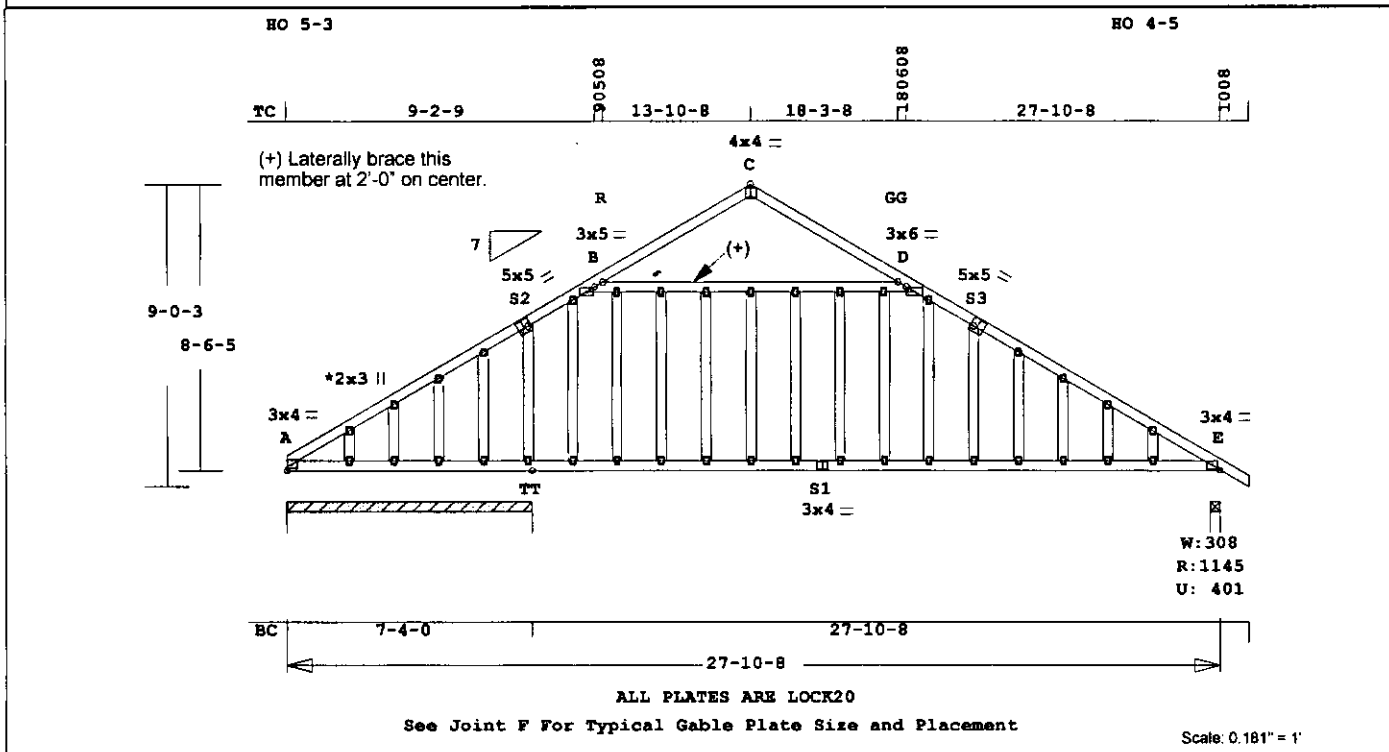
PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
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R425 01	11/16/07 11/16/07	BS DA	FOUR TRADE ROUGH IN VRU #: 001521384 1. Insulate traps in garage 2. Vent under cantilever not bricked up per open floor violation. 3. Nail girder truss per attached schedule 4. Need a letter from truss engineer on gable truss without full bottom chord bearing. Ok to side/insulate
I129 01	11/21/07	TI	R*INSULATION INSPECTION VRU #: 001523752
R425 02	11/21/07	TI	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 001524222

COMMENTS AND NOTES

Job Garrett-4	Mark ST-G1	Quan 1	Type TR	Span 271008	Pl-H1 7	Left OH 0	Right OH 10- 8	Engineering T2791496
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Order# 31-10 , Lot 8 Jonathan Ridge, Scott Lee



Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 21.0.060
RUN DATE: 20-NOV-07

CSI -Size- ---Lumber---
TC 0.54 2x 4 SP-#2
BC 0.76 2x 4 SP-#2
GW 0.37 2x 4 SP-#3

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 27-10- 8
BC Cont. 0- 0- 0 27-10- 8

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.15
Plate Duration Factor 1.15
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (lbs)
Jt Down Uplift Horiz-
O 1141 355 U 396 R
E 1146 401 U 396 R

Jt Brg Size Required
O 88.0" 0"-to- 88"
E 3.5" 1.5"

Plus 4 Wind Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -F	0.21	1429 C	0.01	0.20
F -H	0.06	1386 C	0.06	0.00
H -J	0.07	1394 C	0.07	0.00
J -L	0.08	1392 C	0.07	0.01
L -S2	0.21	1408 C	0.08	0.13
S2 -P	0.20	1362 C	0.07	0.13
P -B	0.37	1221 C	0.01	0.36
B -C	0.36	240 C	0.00	0.36
C -D	0.53	249 C	0.00	0.53
D -HH	0.54	1254 C	0.01	0.53
HH-S3	0.24	1450 C	0.07	0.17
S3-LL	0.32	1451 C	0.01	0.31
LL-NN	0.43	1476 C	0.01	0.42
NN-PP	0.46	1501 C	0.01	0.45
PP-RR	0.42	1526 C	0.01	0.41
RR-E	0.27	1553 C	0.01	0.26
-----Bottom Chords-----				

A -G	0.44	1203 T	0.21	0.23	
G -I	0.24	1203 T	0.21	0.03	
I -K	0.22	1203 T	0.21	0.01	
K -M	0.22	1203 T	0.21	0.01	
M -O	0.32	1203 T	0.10	0.22	
O -Q	0.48	1203 T	0.21	0.27	
Q -T	0.48	1203 T	0.21	0.27	
T -V	0.29	1221 T	0.22	0.07	
V -X	0.27	1237 T	0.22	0.05	
X -Z	0.28	1251 T	0.22	0.06	
Z -BB	0.28	1263 T	0.23	0.05	
BB-S1	0.26	1273 T	0.23	0.03	
S1-DD	0.24	1273 T	0.23	0.01	
DD-FF	0.43	1282 T	0.23	0.20	
FF-II	0.70	1293 T	0.23	0.47	
II-KK	0.70	1293 T	0.23	0.47	
KK-MM	0.62	1293 T	0.23	0.39	
MM-OO	0.76	1293 T	0.23	0.53	
OO-QQ	0.76	1293 T	0.23	0.53	
QQ-SS	0.73	1293 T	0.23	0.50	
SS-E	0.56	1293 T	0.23	0.33	

-----Gable Webs-----				
G -F	0.02	102 T		
I -H	0.01	95 C		
K -J	0.01	78 T		
M -L	0.02	116 T		
O -S2	0.06	213 C		
Q -P	0.07	293 T		
T -S	0.37	18 T	0.00	0.37
V -U	0.35	28 T	0.00	0.35
X -W	0.30	19 T	0.00	0.30
Z -Y	0.24	18 T	0.00	0.24
BB-AA	0.20	17 T	0.00	0.20
DD-CC	0.24	22 C	0.00	0.24
FF-EE	0.31	27 T	0.00	0.31
II-HH	0.11	337 T		
KK-S3	0.02	78 C		
MM-LL	0.01	50 T		
OO-MN	0.01	47 T		
QQ-PP	0.01	45 T		
SS-RR	0.01	51 T		

TL Defl -0.47" in MM-OO L/512
LL Defl -0.24" in MM-OO L/999
Shear // Grain in D -HH 0.60

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area

APPROX. TRUSS WEIGHT: 267.6 LBS

Plate - RHS	20 Ga, Gross Area
Jt Type	Plt Size X Y JSI
A LOCK	3.0x 4.0 Ctr Ctr 0.87
F LOCK	2.0x 3.0 Ctr Ctr 0.00
H LOCK	2.0x 3.0 Ctr Ctr 0.00
J LOCK	2.0x 3.0 Ctr Ctr 0.00
L LOCK	2.0x 3.0 Ctr Ctr 0.00
S2 LOCK	5.0x 5.0-0.3 0.5 0.65
P LOCK	2.0x 3.0 Ctr Ctr 0.00
B LOCK	3.0x 5.0 Ctr Ctr 0.95
C LOCK	4.0x 4.0 Ctr -1.1 0.57
D LOCK	3.0x 6.0 Ctr Ctr 0.73
HH LOCK	2.0x 3.0 Ctr Ctr 0.00
S3 LOCK	5.0x 5.0 0.3 0.5 0.65
LL LOCK	2.0x 3.0 Ctr Ctr 0.00
NN LOCK	2.0x 3.0 Ctr Ctr 0.00
PP LOCK	2.0x 3.0 Ctr Ctr 0.00
RR LOCK	2.0x 3.0 Ctr Ctr 0.00
E LOCK	3.0x 4.0 Ctr Ctr 0.87
G LOCK	2.0x 3.0 Ctr Ctr 0.00
I LOCK	2.0x 3.0 Ctr Ctr 0.00
K LOCK	2.0x 3.0 Ctr Ctr 0.00
M LOCK	2.0x 3.0 Ctr Ctr 0.00
O LOCK	2.0x 3.0 Ctr Ctr 0.00
Q LOCK	2.0x 3.0 Ctr Ctr 0.00
T LOCK	2.0x 3.0 Ctr Ctr 0.00
V LOCK	2.0x 3.0 Ctr Ctr 0.00
X LOCK	2.0x 3.0 Ctr Ctr 0.00
Z LOCK	2.0x 3.0 Ctr Ctr 0.00
BB LOCK	2.0x 3.0 Ctr Ctr 0.00
S1 LOCK	3.0x 4.0 Ctr Ctr 0.67
DD LOCK	2.0x 3.0 Ctr Ctr 0.00
FF LOCK	2.0x 3.0 Ctr Ctr 0.00
II LOCK	2.0x 3.0 Ctr Ctr 0.00
KK LOCK	2.0x 3.0 Ctr Ctr 0.00
MM LOCK	2.0x 3.0 Ctr Ctr 0.00
OO LOCK	2.0x 3.0 Ctr Ctr 0.00
QQ LOCK	2.0x 3.0 Ctr Ctr 0.00
SS LOCK	2.0x 3.0 Ctr Ctr 0.00
S LOCK	2.0x 3.0 Ctr Ctr 0.00
U LOCK	2.0x 3.0 Ctr Ctr 0.00
W LOCK	2.0x 3.0 Ctr Ctr 0.00
Y LOCK	2.0x 3.0 Ctr Ctr 0.00
AA LOCK	2.0x 3.0 Ctr Ctr 0.00
CC LOCK	2.0x 3.0 Ctr Ctr 0.00
EE LOCK	2.0x 3.0 Ctr Ctr 0.00

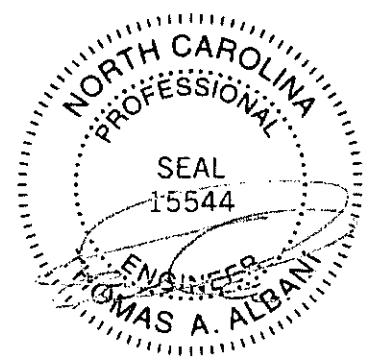
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Capital Area Trusses Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02

OH Loading
Soffit psf 2.0

Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-98
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 100 mph
Mean Roof Height: 15-0
Exposure Category: C
Occupancy Factor : 1.15
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 7.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1553 Lbs
Max tens. force 1293 Lbs
Quality Control Factor 1.25



November 20, 2007

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STRUCTURE: 000 000 44X47.10 4BDR
 FLOOD ZONE : FLOOD ZONE X
 # BEDROOMS : 4.00 PROPOSED USE : SFD
 SEPTIC - EXISTING? : NEW

PERMIT: CPSF 00 CP * SFD

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B105 01	10/23/07	BS	R*OPEN FLOOR VRU #: 001508811
	10/23/07	AE	Brick up vent hole at double o for cantilever. Recheck at final
R425 01	11/16/07	BS	FOUR TRADE ROUGH IN VRU #: 001521384
	11/16/07	DA	1. Insulate traps in garage 2. Vent under cantilever not bricked up per open floor violation. 3. Nail girder truss per attached schedule 4. Need a letter from truss engineer on gable truss without full bottom chord bearing. Ok to side/insulate
I129 01	11/21/07	BS	R*INSULATION INSPECTION VRU #: 001523752
	11/21/07	AP	
R425 02	11/21/07	BS	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 001524222
	11/21/07	AP	
H824 01	1/15/08	BM	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001548999
	1/15/08	AP	
R429 01	2/18/08	TI	FOUR TRADE FINAL VRU #: 001564095

2-18-08 DPBS

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R425 02	11/21/07 11/21/07	BS AP	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 001524222
H824 01	1/15/08 1/15/08	BM AP	✓ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001548999
R429 01	2/18/08 2/18/08	BS DP	FOUR TRADE FINAL VRU #: 001564095 1. No receptacle on island 2. Need a ladder for attic access 3. No insulation in attic. 4. No crawl space door installed. \$50 re fee
R429 02	2/20/08 <u>2.20.08</u>	TI <u>APR</u>	FOUR TRADE FINAL VRU #: 001565332

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: SFD

Conditional Use Permit No.: _____

Type of Construction: TI

Building Permit No.: _____

Owner of Building: SCHELLE

Electrical Permit No.: _____

Building Address: 109 Jacob St

Insulation Permit No.: _____

Zoning District: _____

Plumbing Permit No.: _____

Zoning Permit No.: N/A

Mech. Permit No.: _____

Envir. C.O. No.: _____

Date: 2-20-08
Burd Sutter

Building Official

Zoning Official