

ADDRESS : 130 WOODMILL LN SUBDIV:
 CONTRACTOR : T2 CONTRACTING, INC. PHONE : (919) 868-3669
 OWNER : T2 FARMS L.L.C. PHONE :
 PARCEL : 08-0653- - -0050- - -
 APPL NUMBER: 17-50042636 CP NEW RESIDENTIAL (SFD)
 DIRECTIONS : T/S: 10/26/2017 04:07 PM LLUCAS ----
 401 NORTH - LEFT ON CHALYBEATE SPRINGS
 - LEFT ON BAPTIST GROVE - LEFT ON
 LENNIE SMITH - LEFT ON GRAVEL DRIVE
 T/S: 01/16/2018 12:02 PM DJOHNSON --
 PREMISE NO 48459222**

STRUCTURE: 000 000 32X40 2BDR 1.5BTH W/GAR W/DEC SLAB

FLOOD ZONE : FLOOD ZONE X
 # BATHS : 1.5 # BEDROOMS : 2.00
 PROPOSED USE : SFD SEPTIC - EXISTING? : NEW
 WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	12/21/17 12/21/17	BP CA	R*BLDG FOOTING / TEMP SVC POLE VRU #: 003069565 VOICE MESSAGE LEFT T/S: 12/21/2017 10:14 AM BPETRICH ----- CANCELLED PER CONTRACTOR
B101 02	12/22/17 12/22/17	BS AE	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 003070034 T/S: 12/21/2017 10:13 AM BPETRICH ----- REQUESTS AM INSPECTION T/S: December 22, 2017 02:59 PM BSUTTON ----- This was a partial footing for the house only. Porches and carport to be done later.
B101 03	12/28/17 12/28/17	MC AP	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 003070851 T/S: 12/22/2017 01:35 PM BPETRICH ----- THIS IS A PARTIAL FOOTING FOR DECKS/PORCHES T/S: 12/28/2017 03:02 PM MCOOK ----- DECKS/PORCHES/ONLY OK
A814 01	1/17/18 3/07/18	TW AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003076882 130 Woodmill Ln Fuquay-Varina 27526 T/S: 03/07/2018 09:40 AM TWARD ----- T/S: 03/07/2018 09:40 AM TWARD -----
B103 01	1/23/18 1/23/18	MC AP	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 003078516 T/S: 01/22/2018 11:43 AM JBROCK ----- T/S: 01/23/2018 02:33 PM MCOOK -----
P309 01	2/02/18 2/02/18	MC AP	R*PLUMB UNDER SLAB VRU #: 003083870 T/S: 02/02/2018 02:55 PM MCOOK -----
B111 01	2/06/18 2/06/18	MC AP	R*BLDG SLAB INSP/TEMP SVC POLE TIME: 17:00 VRU #: 003085198 T/S: 02/05/2018 08:02 AM BPETRICH ----- T/S: 02/06/2018 01:34 PM MCOOK -----
R125 01	3/15/18 3/15/18	MC AP	ONE TRADE ROUGH IN TIME: 17:00 VRU #: 003101433 T/S: 03/13/2018 03:45 PM BPETRICH ----- STONE PREP - FLOO LINER IN FIREPLACE T/S: 03/15/2018 01:51 PM MCOOK ----- 1. flue up 8 ft tall
R425 01	3/23/18 <u>11</u>	TI <u>DA</u>	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 003104833 T/S: 03/21/2018 03:58 PM LLUCAS -----

COMMENTS AND NOTES

① Install Permate Rest
 ② Install window under carport

DAVID MILLER, PE

6300 Creedmoor Rd, STE 170#363

Raleigh, NC 27612

(919) 422-8932 (Office); DAVE@DMA-PA.COM

December 3, 2017

Floyd Taylor
T2 Contracting, Inc.
Cell (919)868-3669 ; floydtjr@gmail.com

RE: Engineering - Framing Analysis
757 Lennie Smith Rd, Fuquay Varina, NC
Project No.:17DDM-1202Ar

To whom it may concern/ Inspections Dept.:

The undersigned has reviewed the plans (Truss layout by Builders First Source dated 12-1-17 - File Name 1252734) for the above referenced site in relation to the following beams.

The RB1 (2)1.75X11-7/8 supporting a portion of the J8 mono roof truss loading is adequate as is. The beam should be supported by a(2)2X4 stud column at each end on the 16" wide concrete footing.

Front porch is sized a single 9.25" LVL that has 4 total bearing points a 10ft 12ft and 10ft (Beam RB2 supporting the J6 Mono roof trusses). Based on the analysis the beam is adequate to transfer and support the loading conditions. The beam should be supported by a(2)2X4 stud column at each end on the 16" wide concrete footing.

The (2)1.75X18 LVL shown as RB4 supporting the J3 mono roof trusses is adequate to transfer and support the loading conditions. The beam should be supported by a(2)2X4 stud column at each end on the 16" wide concrete footing.

The (3)1.75X18 LVL shown as RB5 supporting roof trusses J1, B1-B5 is adequate to transfer and support the loading conditions. The beam should be supported by a(4)2X4 stud column at each end on a 24" by 24" concrete footing.

The side beams shown as beam RB6 should be a (2)2X12 SYP #2 in lue of the (2)2X10 called out. The beam should be supported by a(2)2X4 stud column at each end on the 16" wide concrete footing.

The foundation walls should be an 8" masonry wall backfilled with free draining soils for the 4 inch concrete slab with welded wire or fiber. The wall should be framed with 2X4 studs at 16 inch c/c and continuous wall structural sheathing. Unless other wise noted the window and door headers should be (2)2X10 with (2)2X4 stud columns at each end. The standard detail sheet is attached for the above referenced site with a continuous 16 inch by 8inch thick concrete footing and as outlined above for the foundation requirements.

Sincerely,

David Miller, PE

DEM/17DDM-1202Ar

