

ADDRESS : 226 MARVIN FERGUSON DR
CONTRACTOR : LYON BUILDERS INC
OWNER : KENNETH CUMMINGS, LLC
PARCEL : 13-0630- -0029- -47-
APPL NUMBER: 16-50039279 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : T/S: 07/21/2016 03:49 PM LBENNETT --
226 MARVIN FERGUSON - MAMIE BELL RIDGE
LOT# 46

SUBDIV:
PHONE : (919) 498-2074
PHONE : (910) 893-5826

STRUCTURE: 000 000 62X55 3BDR W/GARAGE W/DECK CRAWL

FLOOD ZONE : FLOOD ZONE X
BEDROOMS : 3.00
SEPTIC - EXISTING? : NEW

PROPOSED USE : SFD
WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	10/24/16 10/24/16	MR DA	R*BLDG FOOTING / TEMP SVC POLE VRU #: 002888063 T/S: 10/24/2016 01:59 PM MREARIC no plans
B101 02	10/26/16 11	TI <i>DP-IVR</i>	need engineering on footer compaction R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 002889129 T/S: 10/24/2016 01:47 PM JBROCK T/S: 10/25/2016 12:55 PM LBENNETT

COMMENTS AND NOTES

NR

PREPARED 10/26/16, 14:59:30
Harnett County

INSPECTION TICKET
INSPECTOR: IVR

PAGE 1
DATE 10/27/16

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B101 01	10/24/16 10/24/16	MR DA	R*BLDG FOOTING / TEMP SVC POLE VRU #: 002888063 T/S: 10/24/2016 01:59 PM MREARIC no plans need engineering on footer compaction
B101 02	10/26/16 10/26/16	MR DP	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 002889129 T/S: 10/24/2016 01:47 PM JBROCK T/S: 10/25/2016 12:55 PM LBENNETT T/S: 10/26/2016 08:58 AM MREARIC job still not ready
B101 03	10/27/16 <u>11</u>	TI <u>AP-MR</u>	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 002890457 T/S: 10/26/2016 02:59 PM DJOHNSON WOULD LIKE TSP LOOKED AT ALSO

COMMENTS AND NOTES



TYNDALL
ENGINEERING & DESIGN, P.A.

T 919 773-1200 • F 919 773-4638
49 Skipwash Drive - Gerner - North Carolina - 27529
www.tyndallengineering.com

October 24, 2016

C&C Services

Ph: (910) 850-2877

Fax: (910) 564-6633

Reference: Engineering Services
226 Marvin Ferguson Dr.
Lillington, North Carolina
TE&D Project No. 1601-020466

To Whom It May Concern:

A representative of Tyndall Engineering & Design was onsite to visually observe and analyze foundation items for the above referenced project. Specifically, the following items listed were analyzed:

- 1) The conditions of the existing subgrade soils within the initial footing excavations.

The following conclusions and recommendations were presented for the above-mentioned items:

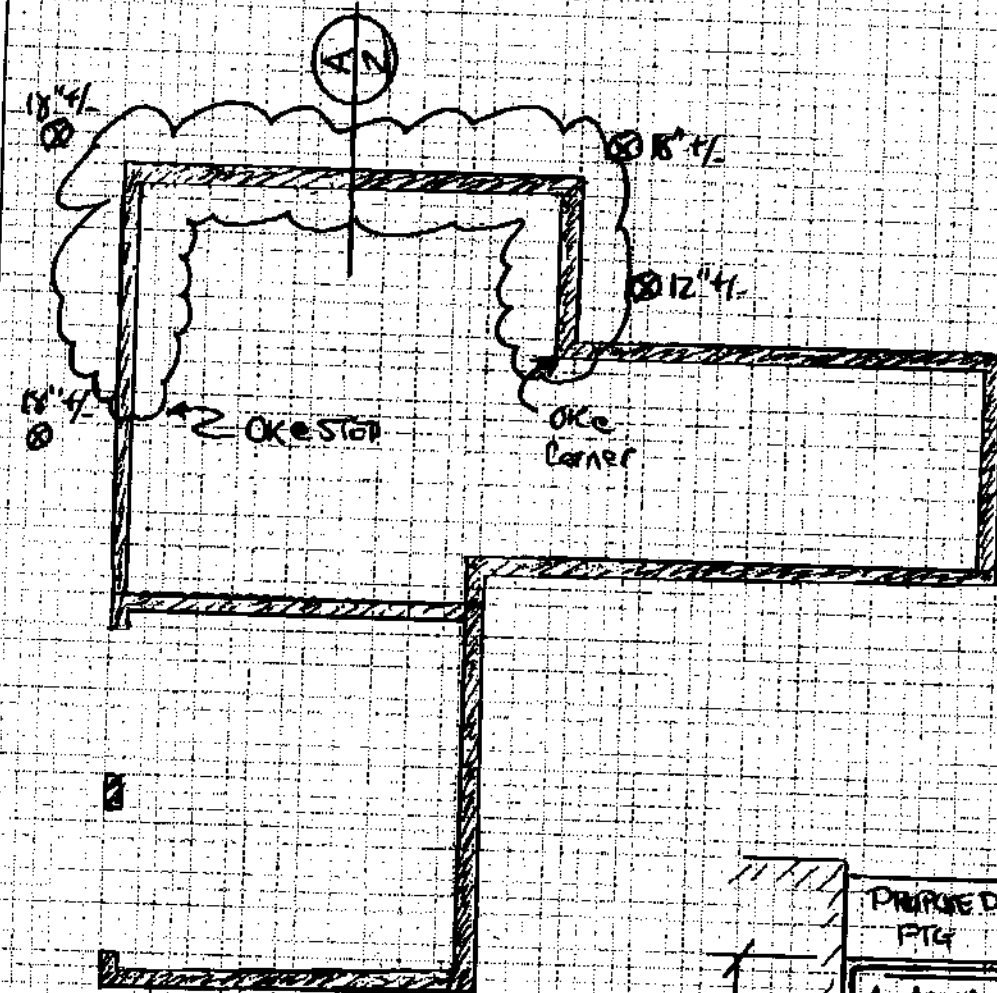
- 1) Based on our observations and analyses, an area of soft and saturated soil conditions were encountered with the footing excavations along the left rear corner (facing house from front) of the proposed dwelling. The soft and saturated soils are to be over excavated to expose the underlying firm bearing soils. The depths of over excavation are estimated at approximately 12" to 18" in the majority of the repaired footing area. The over excavated area should be lined with a woven geo-textile and backfilled with washed stone to the proposed footing bearing elevation. The modified/repaired footing excavations will be adequate to support the anticipated loading conditions (i.e. 2000 psf design bearing pressure). The reader is referred to the attached diagram for supplemental information.

We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information please do not hesitate to contact us.

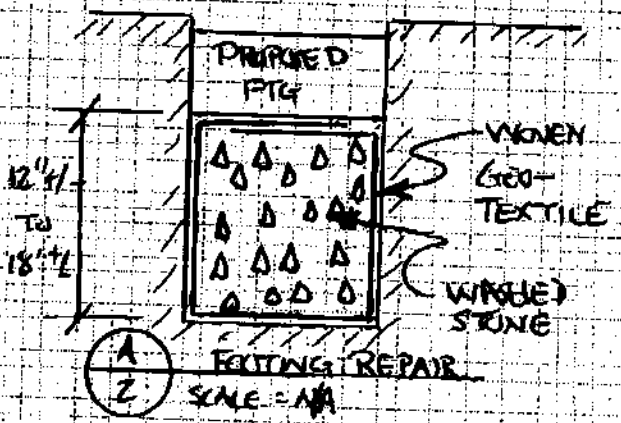
Sincerely,
Tyndall Engineering & Design, PA

Prentice A. Tyndall, Jr. PE
1601-020466





FRONT



TYNDALL
ENGINEERING & DESIGN, P.A.

1919 773 1300 • 919 773 9458
69 Shepleach Drive • Garner • North Carolina • 27529
www.tyndallengineering.com

JOB 1601-020466
LOCATION 226 Martin Ferguson Dr.
CALCULATED BY P.T. DATE 10/24/16
SHEET NO. 2 OF 2
SCALE N/A