PREPARED 6/07/16, 14:18:46 INSPECTION TICKET PAGE Harnett County INSPECTOR: IVR DATE 6/08/16 ADDRESS : 94093 *UNASSIGNED SU SUBDIV: CONTRACTOR : LYON BUILDERS INC PHONE: (919) 498-2074 OWNER . . : LYON BUILDERS INC PARCEL . . : 09-9568- - -0035- -05-PHONE : APPL NUMBER: 16-50038448 CP NEW RESIDENTIAL (SFD) DIRECTIONS: T/S: 04/12/2016 09:52 AM JBROCK ----NC 87 N TO OLIVIA L ON OLIVIA RD RIGHT ON PONDEROSA ON L 1 MILE ______ STRUCTURE: 000 000 63X45 3BDR CRAWL W/ GARAGE FLOOD ZONE . . . : FLOOD ZONE X # BEDROOMS : 3000000.00 PROPOSED USE SFD SEPTIC - EXISTING? . . . : NEW TANK WATER SUPPLY : COUNTY PERMIT: CPSF 00 CP * SFD RESULT RESULTS/COMMENTS REQUESTED TYP/SQ COMPLETED B101 01 6/08X16 -----}------R*BLDG FOOTING / TEMP SVC POLE VRU #: 002827350

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



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June 7, 2016

C&C Services

Ph: (910) 850-2877 Fax: (910) 564-6633

Reference:

Engineering Services
Lot 5 - Ponderosa Drive
Harnett County, North Carolina
TE&D Project No. 1601-020303

To Whom It May Concern:

A representative of Tyndall Engineering & Design has reviewed and analyzed proposed 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 conversations with the client and analyses, the recent inclement weather has produced a perched water condition within the upper layer of in-situ sandy soils. The perched water is infiltrating the footing excavations (exterior wall, interior column, and deck) with the right rear quadrant of the proposed building footprint. The anticipated bearing strength of the in-situ soils has not been significantly reduced by the presence of the infiltrating water. Therefore, the existing footing excavations will be adequate to support the anticipated loading conditions (i.e. 2000 psf design bearing pressure).

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

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Prentice A. Tyndall, 1601-020303