

ADDRESS . . : 21 HOPELAND DR  
CONTRACTOR : GML DEVELOPMENT INC  
OWNER . . . : OAKMONT DEV PTNRS LLC  
PARCEL . . . : 03-9589-01- -1021- -41-  
APPL NUMBER: 18-50043264 CP NEW RESIDENTIAL (SFD)  
DIRECTIONS : T/S: 02/08/2018 02:03 PM JBROCK ----  
OAKMONT #198 - 21 HOPELAND DR

SUBDIV: OAKMONT PH2 SECT 1B 44LTS  
PHONE : (919) 793-5237  
PHONE :

**STRUCTURE: 000 000 42X55.6 3BDR 2BA MONO W/GARAGE**

FLOOD ZONE . . . . . : FLOOD ZONE X  
# BATHS . . . . . : 2 # BEDROOMS . . . . . : 3000000.00  
PROPOSED USE . . . . . : SFD SEPTIC - EXISTING? . . . . . : NEW TANK  
WATER SUPPLY . . . . . : COUNTY

**PERMIT: CPSF 00 CP \* SFD**

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
A814 01	4/13/18 4/13/18	SB AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003113909 21 HOPELAND DR LILLINGTON 27546 T/S: 04/13/2018 04:27 PM SBENNETT -----
E207 01	4/13/18 4/13/18	JH AP	R*ELEC TEMP SERVICE POLE TIME: 17:00 VRU #: 003113925 T/S: 04/12/2018 10:29 AM JBROCK -----
P309 01	4/13/18 4/13/18	JH AP	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 003113917 T/S: 04/12/2018 10:28 AM JBROCK -----
B114 01	4/20/18	TH	R*BLDG MONO SLAB/TEMP SVC POLE VRU #: 003116639 Engineering Compaction letter is in permit box

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

# A A TAKLA ENGINEERING, PLLC

Consulting. Design. Efficiency.



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## FIELD REPORT

Date: 4/20/18  
Project: LOT # 198 OAKMONT  
Location: Lillington, NC  
Company: McKee Homes  
Care of: cl Justin



As requested, Atef Takla, PE, visited the above referenced site to evaluate the bearing capacity of foundation wall/turndown slab and pier footing sub grade soils. Based on observations of lot topography and vegetation, evaluations of soil characteristics and probing excavation bottoms with a Static Cone Penetrometer (SCP) with a 60 degree cone assembly in accordance with ASTM D3441-16, we find the average bearing capacity of the top 6" of sub grade soils to meet or exceed the minimum 2000 pounds per square foot bearing capacity required by NCRC 2012 and engineered specifications. Varying compaction of any fill or nonlocal soil that may be present below footing bottoms is not within scope of our inspection. Furthermore, the excavations are free of standing water, loose/saturated soils, and debris. The current condition of excavations are adequate to receive concrete per engineered specifications. If footing excavations are exposed to inclement weather prior to the placement of concrete, we recommend removing any standing water, loose, soft or saturated soil and scheduling a re-evaluation.

slab's subgrade compacted fill were evaluated and found adequate (Exceeding 95% of max Dry Density)

o.k To pour

**Limitations of Inspection** Services provided are in accordance with the standard of practice for structural engineering and within the limits imposed by scope, schedule and budget. The determinations contained in this report are based on conditions observed at the time of the evaluation. No guarantees or warranties, expressed or implied, under this Agreement or otherwise, shall be construed in connection with services provided. Sequencing, and means and methods of construction are considered beyond the scope of this report.