



North Carolina Onsite Wastewater Contractor Inspector Certification Board  
 Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems  
 Notice of Intent (NOI) to Construct

New  Expansion  Repair  Relocation  Relocation of Repair Area

Owner or Legal Representative Information: SBM Homes, LLC  
 Name: Johnny Byrd  
 Mailing address: 301 Fayetteville St Suite 1700 City: Raleigh State: NC Zip: 27601  
 Phone: 919-478-0965 Email: jbyrdconstruction9@gmail.com

Authorized Onsite Wastewater Evaluator Information:  
 Name: Alex Adams Certification #: AOWE# 10021E  
 Mailing address: 1676 Mitchell Road City: Angier State: NC Zip: 27501  
 Phone: 919-414-6761 Email: alexadams@bcsoil.com

Site Location Information:  
 Site address: 470 Ray Byrd Road - Lillington, NC 27546  
 Tax parcel identification number or subdivision lot, block number of property:  
 PIN# 0558-38-1703 County: Harnett

System Information:  
 Wastewater System Type: Type III (b)  
 Daily Design Flow: 360 gallons/day  
 Saproliite System:  Yes  No Subsurface Operator Required:  Yes  No  
 Water Supply Type:  Private Well  Public Water Supply  Spring  Other:

Facility Type:  
 Residential  3 # Bedrooms  6 Maximum # of Occupants  
 Business Type of Business and Basis for Flow: \_\_\_\_\_  
 Public Assembly Type of Public Assembly and Basis for Flow: \_\_\_\_\_

Require Attachments:  
 Plat or Siteplan  
 Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 20 day of November, 2023 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.  
 This NOI shall expire on 20th day of November, 2028.

Signature of Authorized Onsite Wastewater Evaluator: Alex Adams  
 Signature of Owner or Legal Representative: [Signature]

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:  
 Signature of Local Health Department Representative: [Signature] Date: 11-28-23

**Adams Soil Consulting, PLLC**  
**1676 Mitchell Road**  
**Angier, NC 27501**  
**919-414-6761**  
**alexadams@bcsoil.com**

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November 20, 2023  
Project #1763

*"This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-336.2*

RE: 470 Ray Byrd Road – Lillington, NC - 3-bedroom Single Family Residence

To whom it may concern:

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems". From this evaluation, ASC is providing the attached septic system design for a new single-family home sized for a 360 gallon/day septic system.

The suitable soils found on the subject property were somewhat variable in the initial and repair areas. The area designated for the initial/primary septic system (see attached septic plan) was found to contain soils with greater than 24 inches in depth before a restrictive horizon was encountered.

The initial and primary septic fields for the new home were sized based on a flow rate of 360 gallons/day and utilizing Accepted Status system for the initial and repair system. Any unauthorized site disturbance, filling, soil removal, or layout changes may result in the permit being revoked. Septic Area must be protected from any construction traffic.

The septic installer contractor shall install the primary system on contour, see attached site plan for the primary system and repair. No underground utilities, water lines, or sprinkler systems shall be placed into the initial or repair septic areas. Installation must meet all state and local county regulations for septic system installation. The trenches must be installed in the same location as the site plan. If flags are missing at the time of installation, they must be remarked by Adams Soil Consulting staff. Contact Alex Adams at 919-414-6761. A preconstruction conference is required with the septic installer prior to construction activities at least 14 days in advance of construction activities.

This report does not guarantee the future function of any waste water disposal system installed.

If you have any questions regarding the findings on the attached site plan or in this report, please feel free to contact me anytime.

Sincerely,



Alex Adams  
NC Licensed Soil Scientist #1247  
AOWE Certification: 10021E

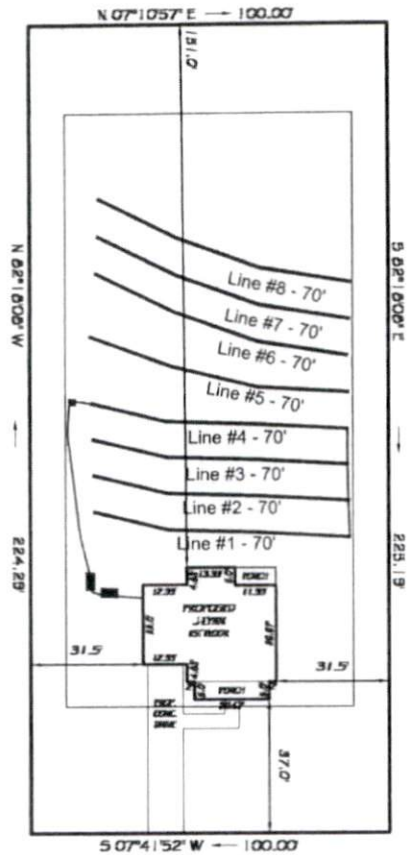


SBM Homes, LLC  
 3-Bedroom - Septic Design  
 470 Ray Byrd Road - Lillington  
 Harnett County PIN: 0558-38-1703

Permit Requirements

\*System area will need to be reflagged prior to  
 \*Installer to contact Alex Adams prior to construction

\*Not a Survey  
 Sketched from a plot plan supplied by owner



52  
 0.52 AC.

RAY BYRD ROAD  
 50' PUBLIC R/W

System: Pump to serial  
 Lines: 1-4 (280')  
 0.35 LTAR  
 18" Max Trench Bottom  
 Accepted Status System - Chambers  
 Repair: Pressure Manifold  
 Lines: 5-8 (280')  
 0.35 LTAR  
 18" Max Trench Bottom  
 Accepted Status System

\*\*1000 Gallon Septic and Pump Tank  
 Tank and trenches to be located minimum of 10'  
 from any property line and minimum of 5'  
 from any building foundation.  
 \*Do Not Cut, Fill, or Alter Drainfield or Repair Area  
 \*Comply with all setbacks  
 \*Contact local health dept. and/or Alex Adams prior to  
 or during installation with any questions or concerns.

Adams  
 Soil Consulting  
 919-414-6761  
 Job #1763  
 11-20-23

GRAPHIC SCALE  
 1" = 50'

