



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
HELEN WOLSTENHOLME • Interim Deputy Secretary for Health
MARK T. BENTON • Assistant Secretary for Public Health
Division of Public Health

COMMON FORM FOR ENGINEERED OPTION PERMIT
See Instructions for Use in Appendix A

Except for "Date received", this Section to be completed by the Professional Engineer licensed in accordance with G.S. 89C

LHD USE ONLY: Initial submittal of this NOI received: 11-28-22 by mo
Date Initials

PART 1: Notice of Intent to Construct (NOI) - Please check all that apply

Single System or Multiple Systems

AND

New Expansion Relocation of all or part of the Existing System Relocation of Repair Area

Repair – LHD Permit Number _____ Repair – EOP/LSS COVID 19/AOWE Permit Number _____

1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.): _____
RANDY MELLOTT

Mailing address: 298 TANNING RIDGE DR. City: DUNN State: NC Zip: 28334

Telephone number: 919-369-7509 E-mail Address: RMELLOTT82@GMAIL.COM

2. Professional Engineer (PE) name: ATHAN M PARKER, PE License number: 43250

Mailing address: PO BOX 4580 City: EMERALD ISLE State: NC Zip: 28594

Telephone number: 919-795-9594 E-mail Address: ATHAN.PARKER@AMPDENGINEERING.COM

3. Licensed Soil Scientist (LSS) name: HAYWOOD PITTMAN, LSS License number: 1262

Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS State: NC Zip: 28574

Telephone number: 910-324-2892 E-mail Address: PITTMANSOIL@YAHOO.COM

4. Licensed Geologist (LG) (if applicable) name: _____ License number: _____

Mailing address: _____ City: _____ State: _____ Zip: _____

Telephone number: _____ E-mail Address: _____

5. On-Site Wastewater Contractor name: HAYWOOD PITTMAN, LSS License number: 3825

Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS State: NC Zip: 28574

Telephone number: 910-324-2892 E-mail Address: PITTMANSOIL@YAHOO.COM

6. Proof of Errors and Omissions or other appropriate liability insurance for the following persons is attached that includes the name of the insurer, name of the insured and the effective dates of coverage:

PE LSS LG On-site Wastewater Contractor

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH

LOCATION: 5605 Six Forks Road, Raleigh, NC 27609
MAILING ADDRESS: 1642 Mail Service Center, Raleigh, NC 27699-1642
www.ncdhhs.gov • TEL: 919-707-5874 • FAX: 919-845-3972

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

- 7. Property location (physical address, tax parcel identification number or subdivision lot, block number of the property to be permitted): 1986 NEIGHBORS RD; PIN: 1529-41-5379.000
County Name: HARNETT
- 8. Type of facility: Place of residence No. Bedrooms: 5 No. Occupants: 10
 Place of business Basis for flow calculation: _____
 Place of public assembly Basis for flow calculation: _____
- 9. Factors that would affect the wastewater load: NO KNOWN FACTORS TO AFFECT LOADING
- 10. Type and location of proposed wastewater system: 5-100' 25% REDUCTION LINES, TYPE IIIg, 18-24" TB; LOCATED 27' FROM THE SOUTH PROPERTY BOUNDARY AND 148' FROM THE WEST PROPERTY BOUNDARY (LOCATED EAST OF PROPOSED HOME)
- 11. Design wastewater flow: 600 gpd (For flow > 3,000 gpd and industrial process, duplicate plans shall be sent to the State.)
Design wastewater strength: domestic high strength industrial process
- 12. A plat as defined in G.S. 130A-334(7a) is attached: Yes No
- 13. Location of proposed or existing wells (drinking water, irrigation, geothermal, groundwater monitoring, sampling, etc.) and any potable and non-potable water conveyance lines is indicated on attached plans and complies with 15A NCAC 18A .1950: Yes No
This is a saprolite system. Yes No
- 14. Evaluation(s) of soil conditions and site features in accordance with G.S. 130A-335(a1) signed and sealed by a LSS is attached: Yes No
- 15. Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA
- 16. Proposed landscape, site, drainage, or soil modifications are attached: Yes NA

Attestation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C

I, ATHAN M PARKER, PE hereby attest that the information required to be included with this Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed system shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with G.S. 130A-336-.1(e)(6).

Signature of Licensed Professional Engineer Date

DR: ATHAN M. PARKER, PE (HUS, 11/11/10)
ENGINEERING, PLLC
1000 TOWN SQUARE DRIVE, SUITE 100
DURHAM, NC 27701
REV: 2022.11.11 11:08:23 -05'00'



This section is for Owner use to either designate PE as their legal representative or to self-submit the NOI.

Designation of Registered Professional Engineer as legal representative of Owner for this Notice of Intent:

I, Randy Mellott hereby designate ATHAN M. PARKER, PE
Print Name of Owner Print Name of Registered Professional Engineer

as my legal representative for purposes of this Notice of Intent pursuant to G.S. 130A-336.1.

* Nancy A. Mellott 11/15/22
Signature of Owner Date

Owner self-submittal of NOI:

I, _____ hereby submit this NOI prepared by _____
Print Name of Owner Print Name of Licensed PE

pursuant to G.S. 130A-336.1.

Signature of Owner Date

NOTES:

LIABILITY: The Department, the Department's authorized agents, or local health departments shall have no liability for wastewater systems designed, constructed, and installed pursuant to an Engineer Option Permit [G.S. 130A-336.1(f)].

RIGHT OF ENTRY: The submittal of this Notice of Intent to Construct grants right of entry to the Local Health Department and the State to the referenced property.

ISSUANCE OF BUILDING PERMIT: Once the LHD deems that the Notice of Intent to Construct is complete via signature in the section below, the owner may apply to the local permitting agency for a permit for electrical, plumbing, heating, air conditioning or other construction, location, or relocation activity under any provision of general or special law pursuant to G.S. 130A-338.

PITTMAN SOIL CONSULTING

PO BOX 1387

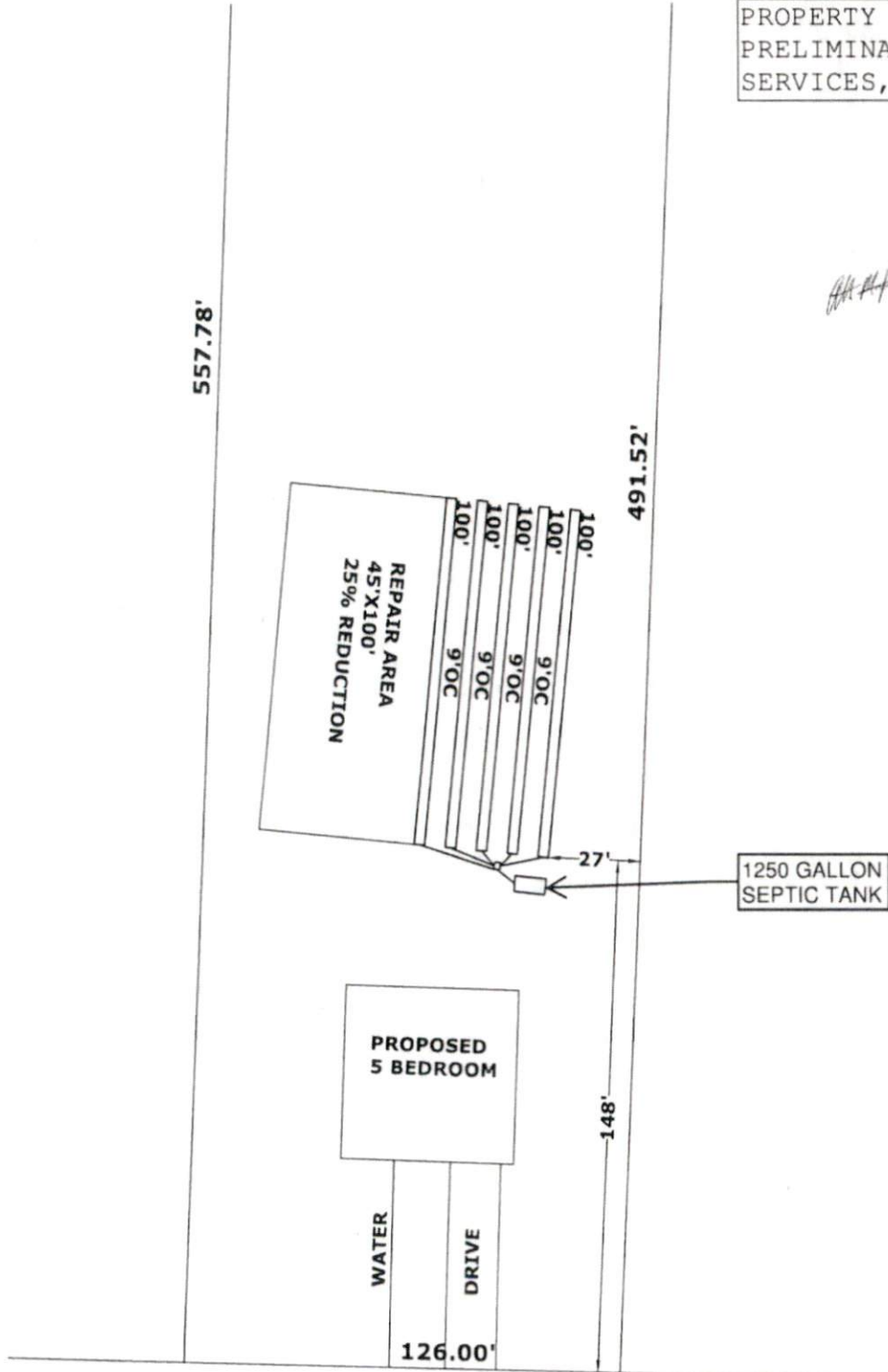
RICHLANDS, NC 28574

910-330-2784

pittmansoil@yahoo.com

Owner: POP HOMES
Address: LOT 2
Location: NEIGHBORS ROAD

PROPERTY INFORMATION OBTAINED VIA
PRELIMINARY PLAT BY RESIDENTIAL LAND
SERVICES, PLLC., DATED AUGUST 5, 2022.



- INITIAL**
- 5 BEDROOM
- LTAR .3
- 5-100' 25% REDUCTION LINES
- 18-24" TB
- >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM
- REPAIR AREA**
- 5 BEDROOM
- LTAR .3
- 5-100' 25% REDUCTION LINES
- 18-24" TB
- >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

NEIGHBORS RD.

SCALE 1"=50'

Pittman Soil Consulting

1003 Gregory Fork Road
Richlands, NC 28574
Phone (910)330-2784
pittmansoil@yahoo.com

August 16, 2022

Ref: POP HOMES LOT 2 NEIGHBORS ROAD, HARNETT COUNTY

A soil evaluation was conducted on the above referenced tract to determine the sites suitability for septic. The current laws and rules of NC was used as guide for this evaluation.

Hand Auger borings were conducted across the site and on the site were used to characterize the soil texture, and depth to the soil wetness condition. The attached plot plan shows the location of the septic system in the most ideal location. The soil wetness condition was found to be 36-48" from the surface with a clay loam texture. I have assigned an LTAR of 0.3 gpd/sqft for a 600 gpd 5 bedroom residence. This will require the installation of 5-100' 25% reduction lines that shall be installed in accordance with the current rules. The depth to soil wetness of 36-48" would constitute a 18-24" trench bottom. The system will require 6" soil cover that shall extend 5' from the edge of the system. The system will require a 1250 gallon septic tank.

The repair area will require 5-100' 25% reduction lines installed at 18-24" from the surface (LTAR 0.3gpd).

After installation the site should be landscaped to shed surface water. Any alterations to the site may impact soil conditions.

If you have any questions please feel free to contact me at 910-330-2784. Thank You.

Sincerely,



R. Haywood Pittman II
NC Licensed Soil Scientist

