

Initial Application Date: 8/29/2023

Initial Application Date:	8/29/2023	Application #							
			CU#						
	COUNTY OF HARNE	TT RESIDENTIAL LAND USE APPLICA	ATION						
Central Permitting	420 McKinney Pkwy, Lillington, NC 275	546 Phone: (910) 893-7525 ext:1	Fax: (910) 893-2793	www.harnett.org/permits					
A RECORDED S	URVEY MAP, RECORDED DEED (OR OFFER TO	O PURCHASE) & SITE PLAN ARE REQUIRED	WHEN SUBMITTING A LAN	DUSE APPLICATION					
LANDOWNER: POP H	OMES-RDU,LLC	Mailing Address: 117 CHR	ISTOPHER DR						
City: CLAYTON	State: <u>NC</u> Zip: <u>275</u> 2	20 Contact No: 919-525-5856	Email: PATRICK@	MYPOPHOMES.COM					
APPLICANT*: AMP ' D	ENGINEERING, PLLC Mailing	Address: 8754 REED DR STE	14						

7	-			-					
ADDRESS:_	483	LAKERUN	DR		PIN	: 0526-93	3-7450.000		
*Please fill out	applicant in	nformation if differe	nt than landowner						
City: EMER	ALD IS	SLE	State: NC	Zip: <u>28594</u>	Contact No:	252-777-01	40 Email: ATHAN	.PARKER@AMPDI	ENGINEERING.COM

Zoning:_____ Flood:_____ Watershed:_____ Deed Book / Page: _____

Setbacks – Front: Back: Side: Corner:

PROPOSED USE:

Monolithic ___x___) # Bedrooms: 4_ # Baths:___Basement(w/wo bath):___Garage:___Deck:___Crawl Space:___Slab:__ SFD: (Size Slab: TOTAL HTD SQ FT _____ GARAGE SQ FT _____ (Is the bonus room finished? (___) yes (___) no w/ a closet? (___) yes (___) no (if yes add in with # bedrooms)

	Modular: (Size	x) # Bedrooms	# Baths	Basement (w/w	vo bath)	Garage:	Site Built Deck:	On Frame	Off Frame
TOT	AL HTD SQ FT		(ls	the second flo	or finished? () yes () n	o Any other	site built additions?	() yes () no)

Manufactured Home: _____SW ___DW ___TW (Size_____x ___) # Bedrooms: _____Garage: ___(site built? ____) Deck: ___(site built? ____)

Duplex: (Size x) No. Buildings: No. Bedrooms Per Unit: TOTAL HTD SQ FT

Home Occupation: # Rooms: Use: Hours of Operation: _____ #Employees:_____

___ Closets in addition? (___) yes (___) no Addition/Accessory/Other: (Size _____x ___) Use:_____

TOTAL HTD SQ FT GARAGE

Water Supply: X County Existing Well New Well (# of dwellings using well) *Must have operable water before final (Need to Complete New Well Application at the same time as New Tank) Sewage Supply: X New Septic Tank Expansion Relocation Existing Septic Tank County Sewer (Complete Environmental Health Checklist on other side of application if Septic) Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? (___) yes (X) no

Does the property contain any easements whether underground or overhead (___) yes (X) no

Structures (existing or proposed): Single family dwellings: 1 Manufactured Homes: Other (specify):

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

<u>8/2</u>9/2023 Date

It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications. *This application expires 6 months from the initial date if permits have not been issued**

APPLICATION CONTINUES ON BACK

strong roots • new growth



This application expires 6 months from the initial date if permits have not been issued

This application to be filled out when applying for a septic system inspection.

County Health Department Application for Improvement Permit and/or Authorization to Construct

IF THE INFORMATION IN THIS APPLICATION IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN THE IMPROVEMENT PERMIT OR AUTHORIZATION TO CONSTRUCT SHALL BECOME INVALID. The permit is valid for either 60 months or without expiration depending upon documentation submitted. (Complete site plan = 60 months; Complete plat = without expiration)

Environmental Health New Septic System

- <u>All property irons must be made visible</u>. Place "pink property flags" on each corner iron of lot. All property lines must be clearly flagged approximately every 50 feet between corners.
- Place "orange house corner flags" at each corner of the proposed structure. Also flag driveways, garages, decks, out buildings, swimming pools, etc. Place flags per site plan developed at/for Central Permitting.
- Place orange Environmental Health card in location that is easily viewed from road to assist in locating property.
- If property is thickly wooded, Environmental Health requires that you clean out the <u>undergrowth</u> to allow the soil evaluation to be performed. Inspectors should be able to walk freely around site. *Do not grade property.*
- <u>All lots to be addressed within 10 business days after confirmation. \$25.00 return trip fee may be incurred for</u> <u>failure to uncover outlet lid, mark house corners and property lines, etc. once lot confirmed ready.</u>

Environmental Health Existing Tank Inspections

- Follow above instructions for placing flags and card on property.
- Prepare for inspection by removing soil over **outlet end** of tank as diagram indicates, and lift lid straight up (*if possible*) and then **put lid back in place**. (Unless inspection is for a septic tank in a mobile home park)
- DO NOT LEAVE LIDS OFF OF SEPTIC TANK

SEPTIC

"MORE INFORMATION MAY BE REQUIRED TO COMPLETE ANY INSPECTION"

If applying for authorization to construct please indicate desired system type(s): can be ranked in order of preference, must choose one.

{} Accepted	$\{\underline{X}\}$ Innovative	{} Conventional	{}} Any
{ } Alternative	{ } Other		

The applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question. If the answer is "yes", applicant **MUST ATTACH SUPPORTING DOCUMENTATION**:

{}}YES	{ <u>X</u> } NO	Does the site contain any Jurisdictional Wetlands?
{}}YES	{ <u>X</u> } NO	Do you plan to have an <u>irrigation system</u> now or in the future?
{}}YES	{ <u>X</u> } NO	Does or will the building contain any <u>drains</u> ? Please explain
{}}YES	{ <u>}</u> } NO	Are there any existing wells, springs, waterlines or Wastewater Systems on this property?
{}}YES	{ <u>X</u> } NO	Is any wastewater going to be generated on the site other than domestic sewage?
{}}YES	{ <u>X</u> } NO	Is the site subject to approval by any other Public Agency?
{}}YES	{ <u>X</u> } NO	Are there any Easements or Right of Ways on this property?
{}}YES	{ <u>X</u> } NO	Does the site contain any existing water, cable, phone or underground electric lines?
		If yes please call No Cuts at 800-632-4949 to locate the lines. This is a free service.

I Have Read This Application And Certify That The Information Provided Herein Is True, Complete And Correct. Authorized County And State Officials Are Granted Right Of Entry To Conduct Necessary Inspections To Determine Compliance With Applicable Laws And Rules. I Understand That I Am Solely Responsible For The Proper Identification And Labeling Of All Property Lines And Corners And Making The Site Accessible So That A Complete Site Evaluation Can Be Performed.

strong roots • new growth



NC DEPARTMENT OF

HEALTH AND HUMAN SERVICES ROY COOPER • Governor KODY H. KINSLEY • Secretary MARK BENTON • Deputy Secretary for Health SUSAN KANSAGRA • Assistant Secretary for Public Health Division of Public Health

COMMON FORM FOR ENGINEERED OPTION PERMIT

LHD USE ONLY: Initial submittal of this NOI received:									
PART 1: Notice of Intent to Construct (NOI) - Please check all that apply									
I 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.):									
POP HOMES-RDU, LLC									
Mailing address: <u>117 CHRISTOPHER DR</u> City: <u>CLAYTON</u> State: <u>NC</u> Zip: <u>27520</u>									
Telephone number: 919-525-5856 E-mail Address: PATRICK@MYPOPHOMES.COM									
2. Professional Engineer (PE) name: <u>ATHAN M PARKER</u> , <u>PE</u> License number: <u>43250</u>									
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: <u>HAYWOOD PITTMAN</u> , 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: State: Zip:									
Telephone number: E-mail Address:									
5. On-Site Wastewater Contractor name: <u>HAYWOOD PITTMAN</u> , LSS License number: <u>3825</u>									
Mailing address: 1073-1 GREGORY FORK 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									
7. Property location (physical address, tax parcel identification number or subdivision lot, block number of the									
property to be permitted): POPLAR MILLS RUN LOT 19									
NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH									

LOCATION: 5605 SIX FORKS RD, RALEIGH NC 27609 MAILING ADDRESS: 1642 MAIL SERVICE CENTER, RALEIGH NC 27699-1642 www.ncdhhs.gov • TEL: 919-707-5874 • FAX: 919-845-3972

	tion Permit Common Form LHD Reference:
	County Name: HARNETT
0	Type of facility: X Place of residence No. Bedrooms: 4 No. Occupants: 8
ð.	
	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: <u>5-60' 25% REDUCTION LINES, TYPE IIIG,</u> 24" TB; LOCATED 11' FROM THE WEST PROPERTY BOUNDARY AND 11' FROM THE SOUTH PROPERTY BOUNDARY (LOCATED WEST OF PROPOSED HOME)
11.	Design wastewater flow: <u>480</u> 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
	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: $\boxed{\times}$ Yes $$ No
	This is a saprolite system. \Box Yes \boxtimes No
14	Evaluation(s) of soil conditions and site features in accordance with G.S. 130A-335(a1) signed and sealed by a
14.	
	LSS is attached: 🛛 Yes 🔄 No
	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes X NA
16.	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes X NA Proposed landscape, site, drainage, or soil modifications are attached: Yes X NA
16. <i>Att</i> I, _ thi	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes X NA
16. <i>Att</i> I, _ thi	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes X NA Proposed landscape, site, drainage, or soil modifications are attached: Yes X NA restation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE hereby attest that the information required to be included with Registered Professional Engineer (Print Name) Is Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed attest that the information, rules, and ordinances in accordance with Is 130A-3361(e)(6).
16. <i>Att</i> I, thi sys G.S	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA testation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE hereby attest that the information required to be included with Registered Professional Engineer (Print Name) s Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed item shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with 5. 130A-3361(e)(6). Signature of Licensed Professional Engineer Signature of Licensed Professional Engineer
16. <i>Att</i> I, thi sys G.S <i></i> <i>De</i>	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Restation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE Registered Professional Engineer (Print Name) Is Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed Store shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with Status of Licensed Professional Engineer Bate Signature of Licensed Professional Engineer as legal representative of Owner for this Notice of Inter
16. <i>Att</i> I, thi sys G.S <i></i> <i>De</i>	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Exetation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE Attached hereby attest that the information required to be included with Registered Professional Engineer (Print Name) Is Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed item shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with Is Notice of Licensed Professional Engineer Date Signature of Licensed Professional Engineer as legal representative of Owner for this Notice of Intent is Notice of Intent in Professional Engineer as legal representative of Owner for this Notice of Intent Professional Engineer as legal representative of Owner for this Notice of Intent Professional Engineer as legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner for this Notice of Intent Professional Engineer is legal representative of Owner
16. <i>Att</i> I, thi syss G.S <i>De</i> I,	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Print Name of Owner hereby attest that the information required to be included with Registered Professional Engineer as legal representative of Supravise and ordinances in accordance with States, and local laws, regulations, rules, and ordinances in accordance with States, and local laws, regulations, rules, and ordinances in accordance with States, and local laws, regulations are supravised with the proposed states and states and states and states and states are supravised with the proposed states are suprived with the proposed states are supravised with th
16. <i>Att</i> I, thi syss G.S <i>De</i> I,	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Exetation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE ATHAN M PARKER, PE Attached hereby attest that the information required to be included with Registered Professional Engineer (Print Name) Is Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed term shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with Signature of Licensed Professional Engineer Signature of Licensed Professional Engineer as legal representative of Owner for this Notice of Intent Patrick Lamm Print Name of Owner my legal representative for purposes of this Notice of Intent pursuant to G.S. 130A-336.1
16. <i>Att</i> I, thi sys G.S <i>De</i> I, as	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Restation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE Registered Professional Engineer (Print Name) Is Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed teem shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with S. 130A-3361(e)(6). Signature of Licensed Professional Engineer as legal representative of Owner for this Notice of Inter Patrick Lamm Print Name of Owner Print Name of Owner Print Name of Owner Print Name of Owner Signature of Owner Signature of Owner Signature of Owner Print Name of Owner Signature of Owner Signature of Owner Signature of Owner Signature of Owner Signature of Owner Date Signature of Owner Date Signature of Owner Date Date Signature of Owner Date Date Signature of Owner Signature of Owner Signature of Owner Date Date Signature of Owner Date Date Date Date Signature of Owner Date Date <
16. <i>Att</i> I, thi sys G.S <i>De</i> I, as	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Restation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE hereby attest that the information required to be included with Registered Professional Engineer (Print Name) s Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed item shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with 5. 130A-3361(e)(6). Signature of Licensed Professional Engineer Signature of Licensed Professional Engineer as legal representative of Owner for this Notice of Inter Print Name of Owner Print Name of Owner Print Name of Owner Signature of Owner Print Name of Owner Signature of Owner Signature of Owner Print Name of Owner Signature of Owner Date Signature of Owner Print Name of Owner Date Signature of Owner Date Date Date Date Date Date Date Date Date
16. <i>Att</i> I, thi sys G.S <i>De</i> I, as	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications are attached: Proposed landscape, site, drainage, or soil modifications, released for solar attached: Print Name of Registered Professional Engineer Print Name of Registered Professional Engineer Print Name of Regist
16. <i>Att</i> I, thi sys G.S <i>De</i> I, as <i>De</i> I,	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Restation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN M PARKER, PE hereby attest that the information required to be included with Registered Professional Engineer (Print Name) s Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed item shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with 5. 130A-3361(e)(6). Signature of Licensed Professional Engineer Signature of Licensed Professional Engineer as legal representative of Owner for this Notice of Inter Print Name of Owner Print Name of Owner Print Name of Owner Signature of Owner Print Name of Owner Signature of Owner Signature of Owner Print Name of Owner Signature of Owner Date Signature of Owner Print Name of Owner Date Signature of Owner Date Date Date Date Date Date Date Date Date
16. <i>Att</i> I, thi sys G.S <i>De</i> I, as <i>De</i> I,	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA Proposed landscape, site, drainage, or soil modifications are attached: Yes NA Restation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C ATHAN PARKER, PE hereby attest that the information required to be included with Registered Professional Engineer (Print Name) s Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed tem shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with Signature of Licensed Professional Engineer Date Signature of Licensed Professional Engineer as legal representative of Owner for this Notice of Intent Print Name of Registered Professional Engineer Date Patrick Lamm hereby designate ATHAN M. PARKER, PE Print Name of Registered Professional Engineer Patrick Lamm hereby designate ATHAN M. PARKER, PE Date Print Name of Owner Date NA Signature of Owner Date NA Print Name of Owner Date NA Print Name of Owner Date NA Print Name of Owner Print Name of Licensed PE Print Name of Licensed PE

DHHS/EHS/OSWP – EOP COMMON FORM Updated July 2023

The following items are included in this Authorization to Operate for an EOP:

LHI	OUSE ONLY: Initial submittal of request for A	ATO received:	by Initials	
1.	Signed and sealed copy of the Engineer's rep	ort that includes the information in		
	G.S. 130A-336.1(k)(1) and 15A NCAC 18A .19		Yes	🗌 No
2.	Operation and management program and OI	• •	🗌 Yes	🗌 No
3.	Letter documenting Owner's acceptance of t	he system from the PE	Yes	🗌 No
4.	Owner meets requirements of ownership or	control of the system		
	per 15A NCAC 18A .1938(j)		🗌 Yes	🗌 No
6.	Easement, right of way, or encroachment ag	reement required per 15A NCAC 18A .1	.938(j) 🗌 Yes	🗌 No
7.	Multi-party agreements required, as applical	ole, pursuant to 15A NCAC 18A1937(۲	n) 🗌 Yes	🗌 No
	If yes, agreements filed in	_ County Register of Deeds in Deed Bo	ok Page	

Attestation by the Owner or the PE for Authorization to Operate

I, _______ hereby attest that all items indicated above have been provided *Print name of Owner or Professional Engineer*

and the system meets applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with G.S. 130A-336-.1(e)(6).

Signature of Owner or Professional Engineer

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)]

AMP'd Engineering, PLLC

Civil Engineer - Consulting Engineer - Land Development

PO Box 4580 Emerald Isle, NC 28594 (252) 777-0141 + athan.parker@ampdengineering.com Firm License Number P-1532

Ref: AMP'D Engineering, PLLC Septic Standards

To Whom It May Concern,

Due to unforeseen negligence by previous owners and contractors regarding the Engineered Option Permit ("EOP") process and installation, the following standards have been adopted by AMP'D Engineering, PLLC and are to be strictly followed. If these standards are not followed, AMP'D Engineering, PLLC has the right to void all warranties related to engineering work involved with these EOPs.

- Engineer shall approve septic installer prior to installation.
- Engineer shall be notified at a minimum of 48 hours prior to septic installation.
- No vehicles, equipment, structures, debris, or any other items that may compact the soils or damage the septic lines allowed on the septic location before or after installation. Equipment only allowed over the septic area by a certified septic installer to backfill and grade the septic area after installation.
- All systems are to have a minimum of 6" cover over the system and five feet beyond the system. Only approved soil to be used as cover.
- After installation, the area should be graded to shed water. All drainage should be diverted away from septic area and tanks.
- All drip systems to have a minimum of 12" cover over the system and five feet beyond the system. Only group I soil allowed over system with a cap of topsoil to promote growth of groundcover.
- Groundcover is to be established over every system within 14 days after installation.
- Orange safety fencing with T-Posts to be used to surround the system after installation to prevent any unqualified individuals from entering septic area.

If you have any questions, please feel free to give me a call (252) 777-0141 or email me (athan.parker@ampdengineering.com).

Sincerely,

Athan M Parker, PE President AMP'd Engineering, PLLC Firm License No. P-1532



Owner:	POPLAR MILLS	_•
Address:	LOT 19	_ _•
Location:	483 LAKERUN DRIVE	- _•
PROPERTY	INFORMATION OBTAINED VIA SURVEY	BY
PIEDMONT	SURVEYING, FOR POPLAR MILLS RUN	
SUBDIVISI	ON, PHASE II, DATED JANUARY 3,	1996.

PITTMAN SOIL CONSULTING PO BOX 1387 RICHLANDS, NC 28574 910-330-2784 pittmansoil@yahoo.com





INITIAL

4 BEDROOMLTAR.45-60' 25% REDUCTION LINES24" TB>6" SOIL COVER REQUIRED OVERSYSTEM AND 5' BEYOND SYSTEM

REPAIR AREA

4 BEDROOM LTAR 0.2 35'X69' ANAEROBIC DRIP 6" TB >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM



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

MAY 3, 2022

Ref: POPLAR MILLS LOT 19

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 on the site were used to characterize the soil texture, structure, physical and chemical properties, and depth to the soil wetness condition. The attached plot plan shows the location of the septic system in the most ideal location on the site. The soil wetness condition was found to be 42" from the surface with a clay loam texture. I have assigned an LTAR of 0.4 gpd/sqft for a 480 gpd 4 bedroom residence. This will require the installation of 5-60' 25% reduction lines that shall be installed in accordance with the current rules. The depth to soil wetness of 42" would constitute a trench bottom of 24" from the ground surface. The system will require 6" of Group II or III soil cover that shall extend 5' from the edge of the system. The system will require a 1000 gallon septic.

Soils in the repair area showed soil wetness at depths of 30" from the surface with a clay loam texture. The repair area will require a 35'X69' Anaerobic drip installed at 6" from the surface with an LTAR of 0.2 gpd/sqft.

After installation the site should be landscaped to shed surface water. Any alterations to the site may impact soil conditions. System shall not be installed in wet conditions.

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

Sincerely,

AGWOOD PATTMAN AA

R. Haywood Pittman II NC Licensed Soil Scientist



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/01/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.									
IMPORTANT: If the certificate holder is If SUBROGATION IS WAIVED, subject to this certificate does not confer rights to	the	erms	and conditions of the po	licy, ce	rtain policies				
PRODUCER	thet	erun	cate noider in neu of such	CONTA		on, AINS, SBC	S		
The Sewell Insurance Agency				NAME: PHONE (A/C, No		26-5754	FAX (A/C, No):	(910) 3	26-6310
785-1 W Corbett Ave				E-MAIL	kira@thes	ewellagency.c		. ,	
PO Box 835				ADDRE			RDING COVERAGE		NAIC #
Swansboro			NC 28584	INSURE	Depleare	Insurance Co.			33162
INSURED				INSURE	Due aue e e	ive Southeast	ern		38784
Ampd Engineering Pllc INSURER C : NorGUARD Insurance Company 31470								31470	
Po Box 4580				INSURE	RD: Berkshire	e Hathaway Gl	UARD Insurance Company		
INSURER E :									
Emerald Isle			NC 28594-4580	INSURE	RF:				
			NUMBER: CL233104202				REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.									
INSR LTR TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
							EACH OCCURRENCE	φ	0,000
CLAIMS-MADE 🔀 OCCUR							DAMAGE TO RENTED PREMISES (Ea occurrence)	_{\$} 300,	
							MED EXP (Any one person)	\$ 10,0	
A			32 0040007108 0 03		03/02/2023	03/02/2024	PERSONAL & ADV INJURY	\$ 1,000,000	
GEN'LAGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$ 2,00	
							PRODUCTS - COMP/OP AGG Add'l for policy minimum	\$ 2,00	0,000
AUTOMOBILE LIABILITY							©OMDINED SINGLE LIMIT (Ea accident)	\$	
ANYAUTO							BODILY INJURY (Per person)	\$	
B OWNED AUTOS ONLY SCHEDULED AUTOS			01335494		11/05/2022	11/05/2023	BODILY INJURY (Per accident)	\$	
HIRED AUTOS ONLY NON-OWNED AUTOS ONLY							PROPERTY DAMAGE (Per accident)	\$	
							Uninsured motorist	\$ 1,00	0,000
UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$	
EXCESS LIAB CLAIMS-MADE							AGGREGATE	\$	
DED RETENTION \$								\$	
AND EMPLOYERS' LIABILITY Y / N							X PER OTH- STATUTE ER	500	200
C ANY PROPRIETOR/PARTNER/EXECUTIVE Y	N / A		AMWC448538		03/01/2023	03/01/2024	E.L. EACH ACCIDENT	\$ 500,	
(Mandatory in NH)							E.L. DISEASE - EA EMPLOYEE	\$ 500,	
DÉSCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	_{\$} 500,	000
D Professional Liability			AMPL477828		03/01/2023	03/01/2024	Per Claim Aggregate		00,000 00,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICL	ES (AC	ORD 1	01, Additional Remarks Schedule,	may be a	ttached if more sp	bace is required)	1	•	
CERTIFICATE HOLDER				CANC	ELLATION				
CERTIFICATE HOLDER CANCELLATION AMP'D Engineering PLLC SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.									
Emerald Isle			NC 28594	AUTO	RIZED REPRESEN	E.Gup	Cul		

The ACORD name and logo are registered marks of ACORD

© 1988-2015 ACORD CORPORATION. All rights reserved.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 07/21/2023

								0	1/2/1/2023	
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.										
IMPORTANT: If the certificate holder is				y(ies)	must have A		NSURED provisions or b	e endor	sed.	
If SUBROGATION IS WAIVED, subject t	o the	term	s and conditions of the pol	licy, ce	ertain policie	s may requir	e an endorsement. A sta	tement	on	
this certificate does not confer rights to	o the	certi	ficate holder in lieu of such							
PRODUCER				NAME						
N.C. Farm Bureau Ins. Agency				PHONE IAC. H	0. 5x11:		FAX (A/G, No)	:		
5301 Glenwood Avenue (27612)				ADDRE	55:					
P.O. Box 27427					IN	SURER(S) AFFO	RDING COVERAGE		NAIC #	
Raleigh			NC 27611	INSURI	ERA: Capitol	Specialty Insur	ance Corporation			
INSURED			1	INSURI	ER B :					
Ronald H. Pillman, II			<u> </u>	INSURI	ER C :					
DBA Pittman Soil Consulting			<u>I</u>	INSURI	ERD:					
1003 Gregory Fork Rd.				NSUR	SR E :					
Richlands			NC 28574	INSURE						
COVERAGES CEF	TIFIC	CATE	NUMBER: CL2372128003	3			REVISION NUMBER:			
INDICATED, NOTWITHSTANDING ANY REQU CERTIFICATE MAY BE ISSUED OR MAY PERT EXCLUSIONS AND CONDITIONS OF SUCH PC	THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCEAFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.									
LTR TYPE OF INSURANCE	INSO	SOBF WVD	POLICY NUMBER		(M)WDD/YYYY	MM/DOAVYY	LIMAT			
	1	1	1]		EACH OCCURRENCE	-	0,000	
							PREMISES (Es occurrence)	\$ 50,0		
							MED EXP (Any one person)	\$ 5,00		
A Professional Liability			EV20182381-06		07/19/2023	07/19/2024	PERSONAL & ADV INJURY	•	0,000	
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE		0,000	
							PRODUCTS - COMPIOP AGG		0,000	
OTHER							Professional Occ/Agg	\$ 1M/2	IM J	
AUTOMOBILE LIABILITY							(Ea accident)	5		
ANYAUTO							BODILY INJURY (Per person)	\$		
AUTOS ONLY AUTOS	[í					BODILY INJURY (Par accident)	5		
HIRED NON-OWNED AUTOS ONLY							PROPERTY DAMAGE	\$		
								\$		
UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$		
EXCESS LIAB CLAIMS-MADE		ļ					AGGREGATE	5		
DED RETENTION \$		1						5]	
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N							STATUTE OTH-			
ANY PROPRIETOR/PARTNER/EXECUTIVE	N/A						E.L. EACH ACCIDENT	\$		
(Mandatory In NH)							E.L. DISEASE · EA EMPLOYEE	\$]	
If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	5]	
Contractor's Pollution Liability -							Each Incident		0,000	
A Occurrence Form			EV20182381-06		07/19/2023	07/19/2024	Aggregate Limit	\$2,00	00,000	
L I										
CERTIFICATE HOLDER				CANCI	ELLATION					
					EXPIRATION D	ATE THÉRÉOF, H THE POLICY	CRIBED POLICIES BE CAN NOTICE WILL BE DELIVER PROVISIONS.		BEFORE	
				AUTHOR	IZED REPRESEN	\sim	Juji V			
		T1 /	COPD name and loss are		U ª	1988-2 11 A	CORD CORPORATION,	Ali righ	ts reserved.	

The ACORD name and logo are registered marks of ACORD