

420 McKinney Pkwy, Lillington, NC 27546

Initial Application Date: 6/6/2023

Central Permitting

Application #	
• •	

www.harnett.org/permits

Fax: (910) 893-2793

	CU#	
COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION		

A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION

Phone: (910) 893-7525 ext:1

LANDOWNER: T AND H PROPERTIES Mailing Address: PO BOX 578
City: <u>DUNN</u> State: <u>NC</u> Zip: <u>28335</u> Contact No: <u>859-489-7514</u> Email: <u>PATRICK@MYPOPHOMES.CO</u> M
APPLICANT*: AMP'D ENGINEERING, PLLC Mailing Address: PO BOX 4580
City: EMERALD ISLE State: NC Zip: 28594 Contact No: 252-777-0140 Email: ATHAN. PARKER@AMPDENGINEERING. CON*Please fill out applicant information if different than landowner
ADDRESS: 625 LAKERUN DR PIN: 0526-93-6597.000
Zoning: Flood: Watershed: Deed Book / Page:
Setbacks – Front: Back: Side: Corner:
PROPOSED USE: Monolithic
Modular: (Sizex) # Bedrooms # Baths Basement (w/wo bath) Garage: Site Built Deck: On Frame Off Frame TOTAL HTD SQ FT (Is the second floor finished? () yes () no Any other site built additions? () yes () no
Manufactured Home:SWDWTW (Sizex) # Bedrooms: Garage:(site built?) Deck:(site built?)
Duplex: (Sizex) No. Buildings: No. Bedrooms Per Unit: TOTAL HTD SQ FT
☐ Home Occupation: # Rooms: Use: Hours of Operation: #Employees:
Addition/Accessory/Other: (Sizex) Use: Closets in addition? () yes () no
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 (\underline{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 of permit subject to revocation if false information is provided. PARKER, PE. DN: cn-ATT-HAN M. PARKER, PE. c. Signature of Owner or Owner's Agent Signature of Owner or Owner's Agent 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.

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

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**.
- All lots to be addressed within 10 business days after confirmation. \$25.00 return trip fee may be incurred for failure to uncover outlet lid, mark house corners and property lines, etc. once lot confirmed ready.

☐ 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

"MORE INFORMATION MAY BE REQUIRED TO COMPLETE ANY INSPECTION"

<u>SEPTIC</u>		
If applying	for authorization	on to construct please indicate desired system type(s): can be ranked in order of preference, must choose one.
{}} Acce	epted	$\{X\}$ Innovative $\{L\}$ Conventional $\{L\}$ Any
{}} Alter	rnative	{}} Other
	•	the local health department upon submittal of this application if any of the following apply to the property in "yes", applicant MUST ATTACH SUPPORTING DOCUMENTATION :
{}}YES	$\{\underline{X}\}$ NO	Does the site contain any Jurisdictional Wetlands?
{}}YES	$\{\underline{X}\}$ NO	Do you plan to have an <u>irrigation system</u> now or in the future?
{}}YES	$\{\underline{X}\}$ NO	Does or will the building contain any drains? Please explain
{}}YES	{ <u>X</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	$\{\underline{X}\}$ NO	Is the site subject to approval by any other Public Agency?
{}}YES	{ <u>X</u> } №	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.



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: by				
PART 1: Notice of Intent to Construct (NOI) - Please check all that apply				
☐ Single System or ☐ Multiple Systems				
AND				
Repair – LHD Permit Number Repair – EOP/LSS COVID 19/AOWE Permit Number				
1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.):				
T AND H PROPERTIES				
Mailing address: PO BOX 578 City: DUNN State: NC Zip: 2833				
Telephone number: 859-489-7514 E-mail Address: PATRICK@MYPOPHOMES.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.C				
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: <u>HAYWOOD PITTMAN</u> , LSS <u>License number</u> : <u>3825</u>				
Mailing address: <u>1073-1 GREGORY FORK RD</u> City: <u>RICHLANDS</u> State: <u>NC</u> Zip: <u>28574</u>				
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:				
X PE X LSS				
[A] PE [X] LSS [] LG [X] Un-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

7.	Property location (physical address, tax parcel identification number or subdivision lot, block number of the
	property to be permitted): 625 LAKERUN DR; POPLAR MILLS RUN LOT 11
	County Name: _HARNETT
8.	Type of facility: X Place of residence No. Bedrooms: 4 No. Occupants: 8
	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>4-75' 25% REDUCTION LINES, TYPE IIIG,</u> 24" TB; LOCATED 101' FROM THE WEST PROPERTY BOUNDARY AND 11' FROM THE NORTH
11	PROPERTY BOUNDARY (LOCATED EAST OF PROPOSED HOME)
11.	Design wastewater flow: 480 gpd (For flow > 3,000 gpd and industrial process, duplicate plans shall be sent to the State.)
4.2	Design wastewater strength: X domestic high strength industrial process
	A plat as defined in G.S. 130A-334(7a) is attached: X 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: X 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: X Yes No
15.	Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes X NA
16.	Proposed landscape, site, drainage, or soil modifications are attached: Yes X NA
Att	estation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C
this	ATHAN M PARKER, PE hereby attest that the information required to be included with Registered Professional Engineer (Print Name) 5 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 Digitally signed by ATHAN M. PARKER PE DIS. G-AMPD ENGINEERING, PILC, engillarly AMPDENGINEERING, COMD. DRIVE 2003.06.01 127:43-0400
	Signature of Licensed Professional Engineer SEAL 43250 WGINEE WM. PARKER

Engineer Option Permit Common Form

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 representa	
I, STUART TURLING-TOW hereby designate_	ATHAN M. PARKER, PE
Print Name of Owner	Print Name of Registered Professional Engineer
as my ieggarsignesentative for purposes of this Notice of Intent pursua	ant to G.S. 130A- 3 36.1.
Stuart Turlington	6/6/2023
Signature of Owner	Date
Commence of the desired of the desired	
Owner self-submittal of NOI:	
I, hereby submit this NOI prepar	ed by
Print Name of Owner	Print Name of Licensed PE
pursuant to G.S. 130A-336.1.	
Signature of Owner	Date

LHD Reference:_

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.

.HD Reference:	

This section for Local Health Department use only.

PART 2: LHD Completeness Review of the Notice of Intent to Construct

"(c) Completeness Review for Notice of Intent to Construct. — The local health department shall determine whether a notice of intent to construct, as required pursuant subsection (b) of this section, is complete within 15 business days after the local health department receives the notice of intent to construct. A determination of completeness means that the notice of intent to construct includes all of the required components. If the local health department determines that the notice of intent to construct is incomplete, the department shall notify the owner or the professional engineer of the components needed to complete the notice. The owner or professional engineer may submit additional information to the department to cure the deficiencies in the notice. The local health department shall make a final determination as to whether the notice of intent to construct is complete within 10 business days after the department receives the additional information from the owner or professional engineer. If the department fails to act within any time period set out in this subsection, the owner or professional engineer may treat the failure to act as a determination of completeness."

engineer may treat the failure to act as a determination	on of completeness."	
The review for completeness of this Notice of Int NOI is determined to be:	tent was conducted in accordance with G.	S. 130A-336.1(c). This
INCOMPLETE (If box is checked, Information	on in this section is required.)	
Based upon review of information submitted in F	Part 1, the following items are missing:	
Copies of this form listing missing items were ser	nt to the design PE and the Owner on	
via with directions to Email, FAX, USPS, hand-delivered	re-submit missing items using Page 5 of t	<i>Date</i> his form.
Print Name of Authorized Agent of the LHD	Signature of Authorized Agent of the LHD	Date
COMPLETE (If box is checked, information i	in this section is required.)	
Based upon review of information submitted in F	Part 1 of this form, this NOI is deemed CO	MPLETE.
Copies of this signed form were sent to the desig		 mail, FAX, USPS, hand-delivered
A copy of this NOI and tracking information was s	sent to the State on via	mail, FAX, USPS, hand-delivered
Print Name of Authorized Agent of the LHD	Signature of Authorized Agent of the LHD	

This Section is for use by the owner or PE to submit Items noted as Insting during LHG Completeness Review above. Resubmittals must be accompanied by a cover letter from the PE. LHD USE ONLY: This NOI resubmittal received:		Re-submittal of NOI with missing items included	
Attestation by Professional Engineer licensed in North Carolina pursuant to G.5. 89C I,	This Section		
Attestation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C I,	LHD USE ONLY: This		
hereby attest that the information re-submitted for this Notice Licensed Professional Engineer (Print Name)	tem # from initial NOI	Resubmittal description	
hereby attest that the information re-submitted for this Notice Licensed Professional Engineer (Print Name)			
hereby attest that the information re-submitted for this Notic Licensed Professional Engineer (Print Name)			
hereby attest that the information re-submitted for this Notic Licensed Professional Engineer (Print Name)			
hereby attest that the information re-submitted for this Notic Licensed Professional Engineer (Print Name)			
hereby attest that the information re-submitted for this Notic Dicensed Professional Engineer (Print Name)			
Licensed Professional Engineer (Print Name) 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-3.1(e)(6). Signature of Licensed Professional Engineer	Attestation by Professi	onal Engineer licensed in North Carolina pursuant to G.S. 89C	
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-3.1(e)(6). Signature of Licensed Professional Engineer	l,	hereby attest that the information re-submitted for this No	otice of
The section below is for Local Health Department use after submittal of items noted as missing above. LHD Follow-up Completeness Review of Notice of Intent to Construct This follow-up review for completeness of this Notice and Intent was conducted in accordance with G.S. 130A-336.1(c). This NOI is determined to be: INCOMPLETE Based upon review of information submitted in the RESUBMITTAL above, this Notice of Intent remains INCOMF because the following items from Part 1 of this form remain missing: Copies of this signed form were sent to the design PE and the Owner on	Intent to Construct is ac meet applicable federal	curate and complete to the best of my knowledge and that the proposed system sha	
This follow-up Completeness Review of Notice of Intent to Construct This follow-up review for completeness of this Notice and Intent was conducted in accordance with G.S. 130A-336.1(c). This NOI is determined to be: INCOMPLETE Based upon review of information submitted in the RESUBMITTAL above, this Notice of Intent remains INCOMF because the following items from Part 1 of this form remain missing: Copies of this signed form were sent to the design PE and the Owner on	Signature of L	icensed Professional Engineer Date	
This follow-up review for completeness of this Notice and Intent was conducted in accordance with G.S. 130A-336.1(c). This NOI is determined to be: INCOMPLETE	The	section below is for Local Health Department use after submittal of items noted as missing above.	
INCOMPLETE Based upon review of information submitted in the RESUBMITTAL above, this Notice of Intent remains INCOMF because the following items from Part 1 of this form remain missing: Copies of this signed form were sent to the design PE and the Owner on Date Print name of authorized Agent of the LHD Signature of authorized Agent of the LHD Date COMPLETE Based upon review of information submitted in the RESUBMITTAL above in addition to information provided in Part 1 of this form, this NOI is deemed complete. Copies of this signed form were sent to the PE and the Owner on Date Email, FAX, USPS, Hand-deli Date Email, FAX, USPS, Hand-deli Complete copy of this form with tracking information was sent to the State:	LHD Follow-up Comple	reness Review of Notice of Intent to Construct	
Based upon review of information submitted in the RESUBMITTAL above, this Notice of Intent remains INCOMF because the following items from Part 1 of this form remain missing: Copies of this signed form were sent to the design PE and the Owner on Date Print name of authorized Agent of the LHD Signature of authorized Agent of the LHD Date COMPLETE Based upon review of information submitted in the RESUBMITTAL above in addition to information provided in Part 1 of this form, this NOI is deemed complete. Copies of this signed form were sent to the PE and the Owner on Date Email, FAX, USPS, Hand-deli A complete copy of this form with tracking information was sent to the State:			Α-
Print name of authorized Agent of the LHD Signature of authorized Agent of the LHD Date COMPLETE Based upon review of information submitted in the RESUBMITTAL above in addition to information provided in Part 1 of this form, this NOI is deemed complete. Copies of this signed form were sent to the PE and the Owner on	Based upon review of ir		MPETE
COMPLETE Based upon review of information submitted in the RESUBMITTAL above in addition to information provided in Part 1 of this form, this NOI is deemed complete. Copies of this signed form were sent to the PE and the Owner on	Copies of this signed fo		 delivered
Based upon review of information submitted in the RESUBMITTAL above in addition to information provided in Part 1 of this form, this NOI is deemed complete. Copies of this signed form were sent to the PE and the Owner onvia	Print name of authorized A	gent of the LHD Signature of authorized Agent of the LHD Da	—— ate
A complete copy of this form with tracking information was sent to the State:viavia	— Based upon review of ir		l in
	Copies of this signed fo	m were sent to the PE and the Owner onviavia	 delivered
Date Email, FAX, USPS, nana-delit	A complete copy of this	form with tracking information was sent to the State:viavar	

Signature of authorized Agent of the LHD

Print name of authorized Agent of the LHD

Date

r Option Permit Common Form			LHD Refer	ence:
PART 3:	Authorization to Operate	(ATO)		
	Except for date received, t	the Section below is to be comp	pleted by the Owner or	the PE.
LHD USE ONLY:	Initial submittal of reque	st for ATO received:	Date	by
	Date of Post-constructio	n Conference:		initiais
	Post-construction Confe	rence waived in accordan	ce with G.S. 130A-	336.1(j):
1. Signed and s G.S. 130A-33 2. Operation ar 3. Fee (as appli 4. Notarized let 5. Owner meet per 15A NCA 6. Easement, ri 7. Multi-party a If yes, agreer Attestation by th	ter documenting Owner's requirements of ownersh C 18A .1938(j) ght of way, or encroachme greements required, as appendix filed in	acceptance of the system shall meet appears of the system shall meet	e information in cable in from the PE im er 15A NCAC 18A .: 1937(if Deeds in Deed Both in Indicated above blicable federal, Sta	Yes No No Yes No No Yes
Signature of C	Owner or Professional Engineer		Date	
		This section for LHD Use Onl	y.	
INCOMPLETE Based upon revie	quired information for the : w of information submitte ired for an Authorization to	d in the Section above, tl	_	_
Copies of this sign	ned form were sent to the	design PE and the Owner	on	Via Email, FAX, USPS, Hand-delivered
Print name of autho	orized Agent of the LHD	Signature of authorized	Agent of the LHD	Date
	w of information submitte th G.S. 130A-336.1(m).	d in the Section above, tl	nis Authorization to	Operate is hereby issued

ISSUANCE OF CERTIFICATE OF OCCUPANCY: Once the LHD determines completeness based upon the ATO submission, the owner may apply to the local permitting agency for permanent electrical service to a residence, place of business or place of public assembly pursuant to G.S. 130A-339.

Signature of authorized Agent of the LHD

A copy of this complete NOI/ATO with tracking information was sent to the State on _

Print name of authorized Agent of the LHD

via

Email, FAX, USPS, Hand-delivered

Date

Date

AMP'd Engineering, PLLC

Civil Engineer - Consulting Engineer - Land Development

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

SEAL 43250 WGINEER **Owner: POPLAR MILLS**

Address: LOT 11

Location: 625 LAKERUN DRIVE

PROPERTY INFORMATION OBTAINED VIA SURVEY BY ANDREW H. JOYNER, DATED JANUARY 3, 1996.

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





INITIAL
4 BEDROOM
LTAR.4
4-75' 25% REDUCTION LINES
24" TB
>6" SOIL COVER REQUIRED OVER
SYSTEM AND 5' BEYOND SYSTEM

REPAIR AREA

4 BEDROOM LTAR 0.4 3-67' PANEL BLOCK 24" TB >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM



Pittman Soil Consulting

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

MAY 3, 2022

Ref: POPLAR MILLS LOT 11

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 36" 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 4-75' 25% reduction lines that shall be installed in accordance with the current rules. The depth to soil wetness of 36" 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 36" from the surface with a clay loam texture. The repair area will require a 20'x67' panel block installed at 24" from the surface with an LTAR of 0.4 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,

R. Haywood Pittman II NC Licensed Soil Scientist

HACKWOOD PATTMAN AS



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 an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).					
PRODUCER		CONTACT Kira Gibson, AINS, SBCS			
The Sewell Insurance Agency		PHONE (910) 326-5754 FAX (A/C, No, Ext): (910) 3	26-6310		
785-1 W Corbett Ave		E-MAIL ADDRESS: kira@thesewellagency.com			
PO Box 835		INSURER(S) AFFORDING COVERAGE	NAIC#		
Swansboro	NC 28584	INSURER A: Bankers Insurance Co.	33162		
INSURED		INSURER B: Progressive Southeastern	38784		
Ampd Engineering Pllc		INSURER C: NorGUARD Insurance Company	31470		
Po Box 4580		INSURER D: Berkshire Hathaway GUARD Insurance Company			
		INSURER E:			
Emerald Isle	NC 28594-4580	INSURER F:			
OOVEDAGEG	OFFICIOATE MUMPED. CL 23310/202	DEVICION NUMBER.			

COVERAGES CERTIFICATE 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)	LIMITS	
	×	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE DAMAGE TO RENTED	\$ 1,000,000
		CLAIMS-MADE X OCCUR						PREMISES (Ea occurrence)	\$ 300,000
								MED EXP (Any one person)	\$ 10,000
Α					32 0040007108 0 03	03/02/2023	03/02/2024	PERSONAL & ADV INJURY	\$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO- JECT LOC							GENERAL AGGREGATE	\$ 2,000,000
								PRODUCTS - COMP/OP AGG	\$ 2,000,000
		OTHER:						Add'I for policy minimum	\$
	AUT	AUTOMOBILE LIABILITY						©OMBINED SINGLE LIMIT (Ea accident)	\$
		ANY AUTO			01335494	11/05/2022	11/05/2023	BODILY INJURY (Per person)	\$
В		OWNED AUTOS ONLY SCHEDULED AUTOS						BODILY INJURY (Per accident)	\$
	×	HIRED NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	\$
								Uninsured motorist	\$ 1,000,000
		UMBRELLA LIAB OCCUR						EACH OCCURRENCE	\$
		EXCESS LIAB CLAIMS-MADE						AGGREGATE	\$
		DED RETENTION \$							\$
(WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE VIVA VIVA VIVA VIVA VIVA VIVA VIVA V			AMWC448538	03/01/2023	03/01/2024	➤ PER OTH-ER	
	ANY							E.L. EACH ACCIDENT	\$ 500,000
O	OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		IN/A					E.L. DISEASE - EA EMPLOYEE	\$ 500,000
								E.L. DISEASE - POLICY LIMIT	\$ 500,000
D	Professional Liability				AMPL477828	03/01/2023	03/01/2024	Per Claim	\$1,000,000
								Aggregate	\$2,000,000

CERTIFICATE HOLDER		CANCELLATION				
AMP'D Engineering PLLC PO Box 4580		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.				
1 0 000 4000		AUTHORIZED REPRESENTATIVE				
Emerald Isle	NC 28594	E. Beford				



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 07/27/2022

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 an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

	ila ceranicato doca not comer riginta to		501 UII	icate ficiali ili ilea di saci		Somonday.				
PRODUCER					CONTACT NAME:					
N.C. Farm Bureau Ins. Agency						PHONE FAX (A/C, No, Ext): (A/C, No):				
530	1 Gienwood Avenue (27612)				E-MAIL ADDRESS:					
P.O	. Box 27427				INSURER(S) AFFORDING COVERAGE				NAIC#	
Ral	eigh			NC 27611	INSURER A: Capitol Specialty Insurance Corporation					NAIO#
INSL	RED				INSURER B:					
	Ronald H. Pittman, II DBA				INSURE	RC:	<u> </u>			
	Pittman Soil Consulting				INSURE					
	1003 Gregory Fork Rd				INSURE	RE:				
	Richlands			NC 28574	INSURE					
CO	VERAGES CER	TIFIC	ATE	NUMBER: CL227212340					!	
TI	HIS IS TO CERTIFY THAT THE POLICIES OF	NSUF	RANCE	E LISTED BELOW HAVE BEEN	ISSUED	TO THE INSU	RED NAMED A	BOVE FOR THE POLICY PER	RIOD	
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	SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP	LIMIT	s	
	COMMERCIAL GENERAL LIABILITY					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		EACH OCCURRENCE	s 1,00	0,000
	CLAIMS-MADE OCCUR							DAMAGE TO RENTED PREMISES (Ea occurrence)	s 50,0	100
								MED EXP (Any one person)	s 5,00	
Α	Professional Liability			EV20182381-05		07/19/2022	07/19/2023	PERSONAL & ADV INJURY	Ť	0,000
	GEN'LAGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	-	0,000
	POLICY PRO LOC	ľ						PRODUCTS - COMP/OP AGG	9	0,000
	OTHER:							Professional Occ/Agg	s 1M/2	
	AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT	\$	
	ANY AUTO .							(Ea accident) BODILY INJURY (Per person)	\$	···.
	OWNED SCHEDULED							BODILY INJURY (Per accident)	\$	
	AUTOS ONLY AUTOS NON-OWNED							PROPERTY DAMAGE	\$	
	AUTOS ONLY AUTOS ONLY							(Per accident)	\$	
	UMBRELLA LIAB COCCUP							5.00 000 IDD5N05		
	H EVOESS LIAB HOCCUR							EACH OCCURRENCE	\$	
		ł						AGGREGATE	\$	
	DED RETENTION \$ WORKERS COMPENSATION							PER OTH-	\$	
	AND EMPLOYERS' LIABILITY		[٠.		_	
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?] N/A						E.L. EACH ACCIDENT	\$	
	(Mandatory in NH) If yes, describe under							E.L. DISEASE - EA EMPLOYEE	\$	
	DÉSCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT Each Incident	\$ \$1.0	00,000
Α	Contractors Pollution Liability - Occurence Form			EV20182381-05		07/19/2022	07/19/2023	Aggregate Limit	1	00,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)										
CERTIFICATE HOLDER CANCELLAT										
					SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE					
				NC 28540	Land Durid					

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