_	following items are included in this Authorization to Operate for an EOP:	_				
LHI	D USE ONLY: Initial submittal of request for ATO received:byby	>(
	Date Initia	Is				
1.	Signed and sealed copy of the Engineer's report that includes the information in					
	G.S. 130A-336.1(k)(1) and 15A NCAC 18A .1971(f)	X Yes	☐ No			
2.	Operation and management program and ORC contract, if applicable	X Yes	☐ No			
3.	Letter documenting Owner's acceptance of the system from the PE	X Yes	☐ No			
4.	Owner meets requirements of ownership or control of the system					
	per 15A NCAC 18A .1938(j)	X Yes	☐ No			
6.						
7.	Multi-party agreements required, as applicable, pursuant to 15A NCAC 18A1937(h)	X Yes	No			
	If yes, agreements filed in County Register of Deeds in Deed Book	Page				
Attestation by the Owner or the PE for Authorization to Operate						
711	estation by the owner of the regor Authorization to operate					
ï	ATHAN M. PARKER, PE hereby attest that all items indicated above have be	en nrovide	h			
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-3361(e)(6).						
Digitally agreed by ATHAN M. PARKER, P.E. Digitally agreed by ATHAN M. PARKER, D.E. Digitally agreed by ATHAN M. Digitally agreed by ATHAN						
	ENGINEERING, PLC. BIGGO AND A THORSE PROPRIE ERINGS COM ONE 1001 A 1001 14 10112 8500					
	V ^v		i.			
	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)]

Civil Engineer - Consulting Engineer - Land Development

> CERTIFICATION LETTER February 1, 2024

To: Mr. Oliver Tolksdorf, REHS
Environmental Health Supervisor

Harnett County Health Dept
307 W Cornelius Harnett Blvd

Lillington, NC 27546

Ref: Pop Homes-RDU LLC EOP

Lot 13 - Poplar Mills

Bunn Level, Harnett County, NC

Dear Mr. Tolksdorf,

As a duly licensed registered Professional Engineer in the State of North Carolina, license number 43250, I have inspected the installation of the Engineered Option Permit of the LHD Referenced project SFD2308-0088 on January 23, 2024. Thornton's Plumbing, the on-site wastewater contractor as permitted installed 5-60' 25% reduction lines (EZ Flow), Type Illg, with 24" TB as designed and permitted. The system appeared to be in the location permitted on the site plan by Pittman Soil Consulting. This letter also acts as written request to waive the "post-construction conference" requirement as stated in G.S. 130A-336.1(j).

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

ALE

Attch: Owner's acceptance of the system, ATO Sheet, Septic Standards Letter, As-Built and Onsite Wastewater Contractors statement & Insurance

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

> OWNER'S ACCEPTANCE LETTER January 26, 2024

To:

POP HOMES-RDU LLC (the "Owner")

117 Christopher Dr. Clayton, NC 27520

Ref:

Pop Homes-RDU LLC EOP

Lot 13 - Poplar Mills

Bunn Level, Harnett County, NC

Dear Pop Homes-RDU, LLC,

Please be aware that this letter **does not** act as a certification letter for the above referenced project, but solely acts as the owner's acceptance of the system. The engineer of record will not be held responsible for any Authorization To Operate (ATO) or Certificate of Occupancy (CO) issued without the engineer's certification.

This letter is to inform you that as a duly licensed registered Professional Engineer in the State of North Carolina, license number 43250, I have inspected the installation of the Engineered Option Permit of the LHD Referenced project SFD2308-0088 on January 23, 2024. Thornton's Plumbing, the on-site wastewater contractor as permitted installed 5-60' 25% reduction lines (EZ Flow), Type Illg, with 24" TB as designed and permitted. The system appeared to be in the location permitted on the site plan by Pittman Soil Consulting. This letter states the Owner's acceptance of the system from the Professional Engineer, Licensed Soil Scientist and the On-Site Wastewater Contractor as permitted with the Harnett County Health Department. This letter also acts as an agreement by the owner to waive the "post-construction conference" requirement as stated in G.S. 130A-336.1(j). Please sign this letter and have notarized on page 2 of 2.

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

ALE

Page 1 of 2

Civil Engineer - Consulting Engineer - Land Development

Owner: PATRICK LAMM Print Name	Sign Nan	ne ne	1/22/2024 Date
North Carolina			
WAKE County			
I, SUZAVNE L. RUMICHA Notary	Public for said Cour	nty and State, o	do hereby
certify that PATRICK LAMM	personally appe	eared before m	ne this day and
acknowledged the due execution of	f the page 1 of 2 "Ac	cceptance Let	ter" from the PE.
Witness my hand and official seal, this	s the 27th day of	JANUARY	20 24.
SUZANNE L RUMLI Notary Public, North Ca Wake County My Commission Expi November 22, 2025	ires .	Arugas Note	re L. Prinle
My commission expires	MBGR 22 , 20	25.	

Owner: POPLAR MILLS

Address: LOT 13

Location: 597 LAKERUN DRIVE

PROPERTY INFORMATION OBTAINED VIA SURVEY BY PIEDMONT SURVEYING, FOR POPLAR MILLS RUN SUBDIVISION, PHASE II, DATED JANUARY 3, 1996.

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







INITIAL 4 BEDROOM

LTAR 4

EZ FLOW 5-60' 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

18" TB

>6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

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 6" 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 aroundcover.
- 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.
- Refer to online resources for proper management and maintenance of a septic system. Refer to the websites listed:
 - https://content.ces.ncsu.edu/septic-system-owners-guide
 - o https://content.ces.ncsu.edu/septic-systems-and-their-maintenance

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



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				
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.):				
POP HOMES-RDU, LLC				
Mailing address: 117 CHRISTOPHER DR. City: CLAYTON State: NC Zip: 27	520			
Telephone number: 919-525-5856 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: 2859	94			
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: State: State:				
Telephone number: E-mail Address: THORTON'S PLUMBING, INC 2534				
5. On-Site Wastewater Contractor name: HAYWOOD PITTMAN, LSS License number: 3825 3160-A VINSON ROAD CLAYTON 27527				
Mailing address: <u>1073-1 GREGORY FORK RD</u> City: <u>RICHLANDS</u> State: <u>NC</u> Zip: <u>28574</u>				
Telephone number: 919-550-4833 TPIPLANNER@GMAIL.COM PITTMANSOIL@YAHOO.COM				
6. Proof of Errors and Omissions or other appropriate liability insurance for the following persons is attached	d			
that includes the name of the insurer, name of the insured and the effective dates of coverage:				
X PE X LSS LG X 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

3160-A Vinson Road Clayton, NC 27527 919-550-4833 Office 919-550-1637 Fax

Thornton's Plumbing, Inc. Thornton's Footing, Hauling & Septic, Inc.

January 30, 2024

RE: Septic Install 597 Lakerun Dr Bunnlevel Lot 13 Poplar Mills POP Homes

On January 23, 2024, our company installed a 1000 gallon pump system, alarm, pump and 300 linear ft of drain field for Pop Homes.

Any questions please contact our office.

Sincerely,

Andy Thornton

License # 2534 Grade Level II

Thornton's Footing, Hauling and Septic

tpiplanner@gmail.com

919-550-4833

Fax:919-550-1637



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/22/2023

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).

PRODUCER	chase Boulevard, Raleigh, NC 27607	CONTACT NAME: Rhonda Brooks, CISR			
Oakbridge Insurance Agency L		PHONE (A/C, No, Ext): 9197415284 FAX (A/C, No)			
120		E-MAIL ADDRESS: rhonda@pittgroupllc.com			
Raleigh NC 27607		INSURER(S) AFFORDING COVERAGE		NAIC#	
		INSURER A: Firstline Insurance Company	40100		
INSURED		INSURER B: Harford Mutual Insurance Co	14141		
Inc		INSURER C: Builders Premier Insurance Company		13036	
3160A Vinson Rd		INSURER D:			
Clayton 27527		INSURER E :			
		INSURER F:			
COVERAGES	CERTIFICATE NUMBER: 1404072231	REVIS	SION 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.

NSR		TYPE OF INSURANCE	ADDL SUBR INSD WVD		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	S
A	Х	CLAIMS-MADE X OCCUR		MP10804025	5/26/2023	5/26/2024	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000 \$100,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$1,000,000
	GEN	L'L AGGREGATE LIMIT APPLIES PER:					GENERAL AGGREGATE	\$2,000,000
		POLICY X PRO- JECT X LOC					PRODUCTS - COMP/OP AGG	\$2,000,000
		OTHER:						\$
	AUT	OMOBILE LIABILITY		CA10803332	5/26/2023	5/26/2024	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
	Х	ANY AUTO					BODILY INJURY (Per person)	\$
		OWNED SCHEDULED AUTOS ONLY					BODILY INJURY (Per accident)	\$
	Х	HIRED X NON-OWNED AUTOS ONLY					PROPERTY DAMAGE (Per accident)	\$
								\$
	Χ	UMBRELLA LIAB X OCCUR		CU10815458	5/26/2023	5/26/2024	EACH OCCURRENCE	\$5,000,000
		EXCESS LIAB CLAIMS-MADE					AGGREGATE	\$5,000,000
		DED X RETENTION \$ 10,000						\$
		RKERS COMPENSATION		PWC1016269	5/26/2023	5/26/2024	X PER X OTH-	
	ANY	PROPRIETOR/PARTNER/EXECUTIVE N	N/A				E.L. EACH ACCIDENT	\$1,000,000
	(Man	datory in NH)	N/A				E.L. DISEASE - EA EMPLOYEE	\$1,000,000
	If yes	s, describe under CRIPTION OF OPERATIONS below					E.L. DISEASE - POLICY LIMIT	\$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Re: Septic Install 76 Bunn Ct. Bunnlevel, NC 28323

CERTIFICATE HOLDER	CANCELLATION		
Amp'd Engineering	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.		
PO BOX 4580 Emerald Isle NC 28594	AND BUSKE		