

PART 3: Authorization to Operate (ATO)

Except for date received, the Section below is to be completed by the Owner or the PE.

LHD USE ONLY: Initial submittal of request for ATO received: <u>10-24-23</u> by <u>MPD</u>	Date	Initials
Date of Post-construction Conference: _____		
Post-construction Conference waived in accordance with G.S. 130A-336.1(j): _____		

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

- 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) Yes No
 - 2. Operation and management program and ORC contract, if applicable Yes No
 - 3. Fee (as applicable) Yes No
 - 4. Notarized letter documenting Owner's acceptance of the system from the PE Yes No
 - 5. 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 agreement required per 15A NCAC 18A .1938(j) Yes No
 - 7. Multi-party agreements required, as applicable, pursuant to 15A NCAC 18A .1937(h) 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

I, ATHAN M. PARKER hereby attest that all items indicated above have been provided to the HARNETT County LHD and the system shall meet applicable federal, State, and local laws, regulations, rules and ordinances in accordance with G.S. 130A-336.1(e)(6).

 Digitally signed by ATHAN M. PARKER, PE
DN: cn=ATHAN M. PARKER, PE, c=US, o=AMPD ENGINEERING, P.L.L.C.
email=ATHAN.PARKER@AMPENGINEERING.COM
Date: 2023.10.25 15:17:42 -0400

Signature of Owner or Professional Engineer Date

This section for LHD Use Only.

LHD Review of required information for the ATO

INCOMPLETE
Based upon review of information submitted in the Section above, the following items are missing from the information required for an Authorization to Operate for an EOP: _____

Copies of this signed form were sent to the design PE and the Owner on _____ via _____
Date Email, FAX, USPS, Hand-delivered

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 Section above, this Authorization to Operate is hereby issued in accordance with G.S. 130A-336.1(m).

A copy of this complete NOI/ATO with tracking information was sent to the State on 10-25-23 via Email.
Date Email, FAX, USPS, Hand-delivered

Mable Osborne PEHS Moh Ah PEHS
Print name of authorized Agent of the LHD Signature of authorized Agent of the LHD Date

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.

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

CERTIFICATION LETTER

October 23, 2023

**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 11 – 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 SFD2306-0010 on October 12, 2023. Thornton's Plumbing, the on-site wastewater contractor as permitted installed 4-75' 25% reduction lines (EZ Flow), Type IIIg, 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,



Digitally signed by ATHAN M. PARKER, PE
DN: cn=ATHAN M. PARKER, PE, o=AMP'D
ENGINEERING, PLLC,
email=ATHAN.PARKER@AMPDENGINEERING.COM
Date: 2023.10.23 15:16:21 -0400

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



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

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

OWNER'S ACCEPTANCE LETTER October 12, 2023

To: POP HOMES-RDU LLC (the "Owner")
117 Christopher Dr.
Clayton, NC 27520

Ref: Pop Homes-RDU LLC EOP
Lot 11 – 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 SFD2306-0010 on October 12, 2023. Thornton's Plumbing, the on-site wastewater contractor as permitted installed 4-75' 25% reduction lines (EZ Flow), Type IIIg, 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,



Digitally signed by ATHAN M. PARKER, PE
DN: cn=Athan M. Parker, o=AMP'd Engineering, LLC
email=ATHAN.PARKER@AMPDENGINEERING.COM
Date: 2023.10.12 14:22:39 -0400

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



AMP'd Engineering, PLLC

Civil Engineer – Consulting Engineer – Land Development

Owner: PATRICK LAMM [Signature] 10/13/2023
Print Name Sign Name Date

North Carolina

WAKE County

I, SUZANNE L. RUMLEY, a Notary Public for said County and State, do hereby
certify that PATRICK LAMM personally appeared before me this day and
acknowledged the due execution of the page 1 of 2 "Acceptance Letter" from the PE.
Witness my hand and official seal, this the 13th day of OCTOBER, 2023.

SUZANNE L RUMLEY
Notary Public, North Carolina
Wake County
My Commission Expires
November 22, 2025

[Signature]

Notary Public

My commission expires NOVEMBER 22, 2025

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 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 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.
- Refer to online resources for proper management and maintenance of a septic system.

Refer to the websites listed:

- o <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,



Digitally signed by ATHAN M. PARKER, PE
DN: gn=ATHAN M. PARKER, PE, c=US, o=AMP'D
ENGINEERING, PLLC,
email=ATHAN.PARKER@AMPDENGINEERING.COM
Date: 2023.10.25 15:17:27 -0400

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





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: _____ by _____
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.): _____

POP HOMES-RDU, LLC
~~T AND H PROPERTIES~~

Mailing address: 117 CHRISTOPHER DR. City: CLAYTON State: NC Zip: 27520
~~PO BOX 578~~ City: DUNN State: NC Zip: 28335

Telephone number: 919-525-5856 E-mail Address: PATRICK@MYPOPHOMES.COM
~~859-489-7514~~

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@AMPENGINEERING.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: THORTON'S PLUMBING, INC License number: 2534
~~HAYWOOD PITTMAN, LSS~~ License number: 3825

Mailing address: 3160-A VINSON ROAD City: CLAYTON State: NC Zip: 27527
~~1073-1 GREGORY FORK RD~~ City: RICHLANDS State: NC Zip: 28574

Telephone number: 919-550-4833 E-mail Address: TPIPLANNER@GMAIL.COM
~~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

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.

October 20, 2023

RE: **Septic Install**
Lot 11 Poplar Mills
POP Homes
625 Lakerun Dr
Bunnlevel NC

On October 9, 2023, our company installed a 1000 gallon gravity system and 900 sq 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

