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Attestation by t , ATHAN I Print name of Owne HARNE regulations, rule	the Owner or the PE  M. PARKER, Enter or Professional Engineer	for Authorize  FE here  D and the sylaccordance was	o 15A NCAC 18/otance of the sy attion to Operate by attest that a stem shall meet with G.S. 130A-10/otally signed by the constraint of the	applicable applicable 3361(e)(6) yATHAN M PARKER M PARKER, PE. co GONEENING, PLLC. ARKER, P. Co GONEENING, PLLC. ARKER, P. Co 13.11.48-0500/Date	cated abo federal, S		Yes X Yes X Yes X Yes X Yes X Yes X Yes	No N
		This	section for LHD Us	e Only.				
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0:1	horized Agent of the LHD		Signature of auth	arized Agent o	f the LUD			Date
COMPLETE Based upon Operate is h	n review of informati hereby issued in accomplete NOI/ATO wi	on submitted ordance with ith tracking h	d by the Owner G.S. 130A-336.	or PE in the 1(m).	Section a	above, t	3 via EMA	

ISSUANCE OF CERTIFICATE OF OCCUPANCY: Once the LHD determines completeness based upon the PE 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.



# DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH

ROY COOPER GOVERNOR MANDY COHEN, MD, MPH SECRETARY

DANIEL STALEY
DIRECTOR

#### 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)							
X New Expansion							
Repair – LHD Permit Number Repair – EOP Permit Number							
1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.):							
CARROLL CONSTRUCTION HOMES, INC							
Mailing address: 63 VERON COURT City: WILLOW SPRING State: NC Zip: 27592							
Telephone number: 919-410-5704 E-mail Address: CAMERON.ADAMS1087@GMAIL.COM							
2. Professional Engineer (PE) name: ATHAN M PARKER, PE License number: 43250							
Mailing address: PO BOX 4580 City: EMERALD ISLE State: NC Zip: 28594							
Telephone number: 919-795-9594 E-mail Address: ATHAN.PARKER@AMPDENGINEERING.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:							
GENE'S BACKHOE 3795  5. On-site Wastewater Contractor name: HAYWOOD PITTMAN, LSS License number: 3825							
1340 TWO CLAUDE RD WILLOW SPRINGS 27592  Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS State: NC Zip:28574							
7 Tanordan@gmail.com Telephone number: 919-625-7051 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:							

WWW.NCDHHS.GOV
TEL 919-707-5874 • FAX 919-845-3972
LOCATION: 5605 SIX FORKS RD • RALEIGH, NC 27609
MAILING ADDRESS: 1642 MAIL SERVICE CENTER • RALEIGH, NC 27699-1642
AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER



Lot and Subdivision Lot 15 Haven
System Type 25% Reduction
Tank Size 1,000 9al Septic tank.
Trench Info # Lines 3 Line Lengths 60'
Depth 184 - 28" TB
Installation Date 1-11-23
Final Inspection Date 1-11-23
Installer Signature
Date 2-16-23



#### CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/23/2022

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). 919-639-4400 CONTACT Tudor's Insurance Agency Tudor's Insurance Agency PHONE (A/C, No, Ext): 919-639-4400 31 N Dunn Street FAX (A/C, No): P O Drawer 1780 E-MAIL ADDRESS Angler, NC 27501-1780 Tudor's Insurance Agency INSURER(S) AFFORDING COVERAGE NAIC # INSURER A : Builders Mutual Insurance Co INSURED Gene's Backhoe Service, Inc. 1340 Two Claude Road Willow Spring, NC 27592 INSURER B INSURER C: INSURER D : INSURER E INSURER F **COVERAGES** CERTIFICATE NUMBER: 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. ADDL SUBR TYPE OF INSURANCE POLICY NUMBER LIMITS X COMMERCIAL GENERAL LIABILITY 1,000,000 EACH OCCURRENCE CLAIMS-MADE X OCCUR 03/01/2022 03/01/2023 DAMAGE TO RENTED PREMISES (Ea occurrence) PCP0003947 100,000 \$ 5,000 MED EXP (Any one person) 1,000,000 PERSONAL & ADV INJURY GEN'L AGGREGATE LIMIT APPLIES PER 2,000,000 X POLICY GENERAL AGGREGATE PRO-LOC 2,000,000 PRODUCTS - COMP/OP AGG AUTOMOBILE LIABILITY COMBINED SINGLE LIMIT (Ea accident) ANY AUTO OWNED AUTOS ONLY SCHEDULED BODILY INJURY (Per person) BODILY INJURY (Per accident)
PROPERTY DAMAGE
(Per accident) HIRED AUTOS ONLY NON-OWNED UMBRELLA LIAB OCCUR EACH OCCURRENCE EXCESS LIAB \$ CLAIMS-MADE **AGGREGATE** RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY OTH-ER PER STATUTE ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) WCP1057498 03/01/2022 03/01/2023 Y N/A 500,000 E.L. EACH ACCIDENT yes, describe under DESCRIPTION OF OPERATIONS below 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) TYLER NORDAN AND JEAN CARROLL ARE EXCLUDED ON THE WORKER'S COMPENSATION JOB DESCRIPTION: SEPTIC TANK INSTALLATION CERTIFICATE HOLDER CANCELLATION AMPDENG SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AMP'D ENGINEERING P.O. BOX 4580 EMERALD ISLE, NC 28594 **AUTHORIZED REPRESENTATIVE** Tudor's Insurance Agency

### AMP'd Engineering, PLLC

Civil Engineer - Consulting Engineer - Land Development

> CERTIFICATION LETTER February 24, 2023

To: Mr. Oliver Tolksdorf, REHS
Environmental Health Supervisor
Harnett County Health Dept
307 W Cornelius Harnett Blvd
Lillington, NC 27546

Ref: Haven- Lot 15 EOP 371 Placid Pond Dr.

Broadway, 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 SFD2110-0031 on December 28, 2022. Gene's Backhoe, the onsite wastewater contractor installed 3-60' 25% Reduction (EZ Flow, reduction taken) Type Illg, lines with 18-20" TB. 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. PARKE
PE
DN: cneATHAN M. PARKER, PE, c=
US, o=AMPO ENGINEERING, PLLC,
emaisATHAN PARKER@
AMPDENGINEERING.COM
Onte 2023 02 24 13:10.37-0500'

Athan M Parker, PE President AMP'd Engineering, PLLC Firm License No. P-1532 SEAL 43250

WGINEER (A.)

Attch: Owner's acceptance of the system, ATO Sheet, Septic Standards, 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

> ACCEPTANCE LETTER February 20, 2023

To: Carroll Construction Homes, Inc (the "Owner")

63 Veron Ct.

Willow Spring, NC 27592

Ref: Haven-Lot 15 EOP

371 Placid Pond Dr.

Broadway, Harnett County, NC

Dear Carroll Construction Homes, Inc.,

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 SFD2110-0031 on December 28, 2022. Gene's Backhoe, the onsite wastewater contractor installed 3-60' 25% Reduction (EZ Flow, reduction taken) Type Illg, lines with 18-20" TB. 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,

PE DE SINATHAN M PARRET PE A SES CONTROL PE A SES CONTROL

Athan M Parker, PE President AMP'd Engineering, PLLC Firm License No. P-1532 ALE SEAL 43250 WGINEER

# AMP'd Engineering, PLLC Civil Engineer – Consulting Engineer – Land Development

Owner: Harold G. Carroll, Jr. Print Name	Sign Name	2/23/23 Date
North Carolina		
<u>Johnston</u> County		
l, <u>Stephanie C. Nordan</u> , a Notary Publi	ic for said County and Stat	e, do hereby
certify that Harold G. Carroll, Jr.	personally appeared before	e me this day and
acknowledged the due execution of the p	page 1 of 2 "Acceptance I	Letter" from the PE.
Witness my hand and official seal, this the	23rd day of February	. 2023 .
NOTAR LINE COUNTY NC	Steple	Dan Modan
	N	lotary Public
My commission expires August 25	, 20 <u>25</u>	

Owner: HAVEN S/D

Address: LOT 15

Location: PLACID POND DRIVE

LOT INFORMATION OBTAINED FROM PLAT BY STANCIL AND ASSOCIATES FOR XCESSIVE RISK DEVELOPMENT.

PITTMAN SOIL CONSULTING PO BOX 1387

RICHLANDS, NC 28574

910-330-2784

pittmansoil@yahoo.com



## 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,

PE
DN: cn=ATHAN M. PARKER. PE. C=
US, o=AMPD ENGINEERING, PLLC
omail=ATHAN PARKER®
AMPDENGINEERING.COM

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

Page 1 of 1