PART 3:	Authorization to 0	perate (ATC))					
Except for date rece	eived, the Section below	is to be comple	eted by the Owner the EOP.	or by the I	PE designated t	to act as th	eir legal represe	ntative for
LHD USE ONLY:	Initial submittal o	f request for	ATO received:	3/3	33	by _	07	
	Date of Post-cons	struction Cor	nference:		Date		Initials	
 Signed and s Signed a Drawing Reports Manage On-site Signed a Fee (as appli 	ms are included in the ealed copy of the Earnd sealed evaluations, ploon special inspections are the earnd sealed statement and sealed statement icable)	ngineer's rep on of soil con ans ons and final dual ctor's signed nt pursuant t	oort that includ ditions and site inspection I statement to 15A NCAC 18	es: feature A .1938	(h)	nder an E	X Yes	No No No No No No No
Attestation by th	ne Owner or the PE	for Authoriz	ation to Opera	te				
HARNET regulations, rules	or Professional Engineer TT County LH s and ordinances in Owner or Professional En	D and the sy accordance	DN: cn=ATHU US, o=AMPTO email=ATHAI	3361(e d by ATHAN M. F N M. PARKER, F ENGINEERING.	ARKER LE, CE PLLC,	State, an	nd local laws,	
		This	s section for LHD U	e Only.				
Based upon missing from	equired information E review of information re the information re	on submitte equired for a	d by the Owner n Authorization	to Oper	ate for an E	OP: via	he following i	
Print name of auth	orized Agent of the LHD		Signature of auth	orized Ag	ent of the LHD			Date
COMPLETE Based upon Operate is he	review of informati ereby issued in acco mplete NOI/ATO wi	ordance with	G.S. 130A-336	1(m).		-1.1	his Authoriza 3 via <u>Emb</u> mail, FAX, USPS, 41	tion to
Print name of auth	orized Agent of the LHD		Signature of auth	orized Ag	ent of the LHD			Date

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	Initials				
PART 1: Notice of Intent to Construct (NOI)					
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 SPRIM	NG State: NC Zip: 27592				
Telephone number: 919-410-5704 E-mail Address: CAMERON. F	ADAMS1087@GMAIL.COM				
2. Professional Engineer (PE) name: ATHAN M PARKER, PE Lie	cense number: 43250				
Mailing address: PO BOX 4580 City: EMERALD IS:	LE State: NC Zip: 28594				
Telephone number: 919-795-9594 E-mail Address: ATHAN. PARI	KER@AMPDENGINEERING.CO				
3. Licensed Soil Scientist (LSS) name: HAYWOOD PITTMAN, LSS Licensed Soil Scientist (LSS) name:	cense number: 1262				
Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS	State: _NC _ Zip: 28574				
Telephone number: 910-324-2892 E-mail Address: PITTMANSOI	IL@YAHOO.COM				
4. Licensed Geologist (LG) (if applicable) name:Lice	ense Number:				
Mailing address: City:	State: Zip:				
Telephone number: E-mail Address:					
GENE'S BACKHOE 5. On-site Wastewater Contractor name: HAYWOOD PITTMAN, LSS Li	3795 icense number: 3825				
Mailing address: 1340 TWO CLAUDE RD WILLOW SPRIN City: RICHLANDS	IGS 27592 State: NC Zip: 28574				
919-625-7051 TANORDAN Telephone number: 910-324-2892 E-mail Address: PITTMANSO	@GMAIL.COM				
6. Proof of Errors and Omissions or other appropriate liability insurance for the fo					
that includes the name of the insurer, name of the insured and the effective da					
	•				

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 17 Haven	
System Type 25% Reduction	
Tank Size 1,000 gal Septic tank	
Trench Info Line Lengths 66' Depth 18" +0 20" TB	
Installation Date 1-19-23	
Final Inspection Date 1-19-23	
Installer Signature	
Date 2-17-23	

GENES-3

OP ID: CP



CERTIFICATE OF LIABILITY INSURANCE

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). 919-639-4400 CONTACT Tudor's Insurance Agency Tudor's Insurance Agency 31 N Dunn Street PHONE (A/C, No. Ext): 919-639-4400 FAX (A/C, No): O Drawer 1780 E-MAIL ADDRESS: Angier, 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 REVISION NUMBER:** CERTIFICATE 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 1,000,000 A COMMERCIAL GENERAL LIABILITY EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) 100,000 CLAIMS-MADE X OCCUR PCP0003947 03/01/2023 03/01/2024 5,000 MED EXP (Any one person) 1.000,000 PERSONAL & ADV INJURY 2,000,000 GEN'L AGGREGATE LIMIT APPLIES PER: GENERAL AGGREGATE 2,000,000 PRO-JECT POLICY PRODUCTS - COMP/OP AGG OTHER COMBINED SINGLE LIMIT (Ea accident) 1,000,000 **AUTOMOBILE LIABILITY** ANY AUTO PCA0021090 03/01/2023 03/01/2024 BODILY INJURY (Per person) SCHEDULED AUTOS OWNED AUTOS ONLY BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) HIRED AUTOS ONLY NON-OWNED AUTOS ONLY 1.000,000 X X **UMBRELLA LIAB** OCCUR **EACH OCCURRENCE** \$ MUB0005864 03/01/2023 03/01/2024 **EXCESS LIAB** CLAIMS-MADE AGGREGATE 10000 DED X RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY PER STATUTE ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) WCP1057498 03/01/2023 03/01/2024 500,000 E.L. EACH ACCIDENT N/A 500,000 E.L. DISEASE - EA EMPLOYEE \$ If yes, describe under DESCRIPTION OF OPERATIONS below 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 CANCELLATION CERTIFICATE HOLDER **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
March 1, 2023

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

Ref: Haven- Lot 17 EOP 403 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 SFD2110-0042 on January 19, 2023. Gene's Backhoe, the onsite wastewater contractor as permitted installed 3-60' 25% Reduction (reduction taken, EZ Flow), 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,

ALE

Digitally signed by ATHAN M. PARKER, PE.
DN. cn=ATHAN M. PARKER, PE, c= US, o=AMPO ENGINEERING, PLLC, email=ATHAN PARKER@
AMPDENGINEERING COM
Date: 2023 03.01 16:03:57-05'00'

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

NGINEER AND M. PARKETTAN M. PARK

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

> ACCEPTANCE LETTER February 1, 2023

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

63 Veron Ct.

Willow Spring, NC 27592

Ref: Haven- Lot 17 EOP

403 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 SFD2110-0042 on January 19, 2023. Gene's Backhoe, the onsite wastewater contractor as permitted installed 3-60' 25% Reduction (reduction taken, EZ Flow), 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,

Digitally signed by ATHAN M. PARKE, FE.
DN. COMATHUM: M. PARKER PE. GLUS, GHAMPTO BYGGINEEPING PLLC
GHAMP-ATHAN, PARKERIB
AMPOENGINEEPING COM

Athan M Parker, PE President

AMP'd Engineering, PLLC Firm License No. P-1532

ALE

SEAL 43250 VGINEEN A

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

Owner: Harold G. Carroll, Jr. Print Name	Sign Name	<u>2/2/23</u> Date
North Carolina		
Johnston County		
I, <u>Stephanie C. Nordan</u> , a Notary Pu	blic for said County and	d State, do hereby
certify that Harold G. Carroll, Jr.	personally appeared	before me this day and
acknowledged the due execution of the		
Witness my hand and official seal, this th	ne 2nd day of Jebr	uang, 20 <u>33</u> .
		Stephanic C Norda
My commission expires <u>August</u>	25 , 20 <u>25</u> .	PUBLIC Of ARY

Page 2 of 2

Owner: HAVEN S/D

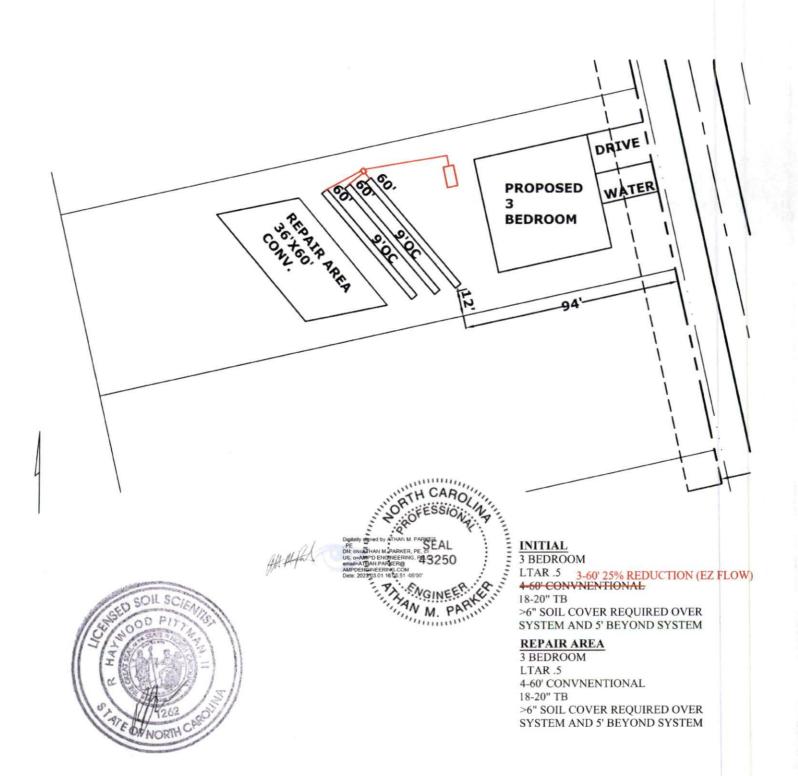
Address: LOT 17

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,

DIS GRAHMAN M PANKER, PE. 6: US, or AMPD E NIGHTEETHIN, PL.C emisiraTHAN PANKERS AMPOENDIEETHING COM Date 2023.03.01 16:96:96-95:00

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