PART 3:	Authorization to Operate (ATO)	
Except for date re	received, the Section below is to be completed by the Owner or by the PE designate the EOP.	ted to act as their legal representative for
LHD USE ONLY	LY: Initial submittal of request for ATO received:	by
	Date of Post-construction Conference:	Initials
1. Signed and a. Signed b. Drawin c. Report d. Manage. On-sit f. Signed 2. Fee (as ap 3. Notarized Attestation by I, ATHAN Print name of Own HARNE regulations, rules.	items are included in this submittal for an Authorization to Operated sealed copy of the Engineer's report that includes: ed and sealed evaluation of soil conditions and site features vings, specifications, plans orts on special inspections and final inspection agement Program manual ite Wastewater Contractor's signed statement ed and sealed statement pursuant to 15A NCAC 18A .1938(h) pplicable) diletter documenting Owner's acceptance of the system from the P by the Owner or the PE for Authorization to Operate M. PARKER, PE hereby attest that all items indicated one or Professional Engineer JETT County LHD and the system shall meet applicable federales and ordinances in accordance with G.S. 130A-3361(e)(6).	X Yes No
Signature o	of Owner or Projessional Engineer Date	
Based upo missing fro	This section for LHD Use Only. of required information for the ATO LETE on review of information submitted by the Owner or PE in the Sect from the information required for an Authorization to Operate for a signed form were sent to the design PE and the Owner on	n EOP:
	Date	e Email, FAX, USPS, Hand-delivered
COMPLETE Based upo Operate is	Signature of authorized Agent of the LHD Signature of authorized Agent of the L Sign	tion above, this Authorization to

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							
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.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:							
5. On-site Wastewater Contractor name: <u>HAYWOOD_PITTMAN, LSS</u> License number: <u>3825</u>							
Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS State: NC Zip:28574							
TANORDAN@GMAIL.COM 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							

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 Haven Lot 30
System Type 25% Reduction EZ-Flow
Tank Size 1000 Gallon
Trench Info # Lines 3 Line Lengths 100'
Installation Date June 13- 2023
Final Inspection Date June 13, 2023
Installer Signature TV
Date June 19 2023

GENES-3

OP ID: CP

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.

-	TEPRESENTATIVE ON PRODUCER, A				- allau/i	aa\ muat ha	ADDITION	IAL INCUIDED provision	oc or b	as andersed
H	MPORTANT: If the certificate holder SUBROGATION IS WAIVED, subject his certificate does not confer rights t	to th	ne te	rms and conditions of th ficate holder in lieu of su	e polici	cy, certain po lorsement(s)	olicies may r	require an endorsemer	t. A s	tatement on
PRO	DUCER		919	-639-4400	CONTACT Tudor's Insurance Agency					
Tuc 31	lor's Insurance Agency N Dunn Street				PHONE (A/C, No, Ext): 919-639-4400 FAX (A/C, No):					
PC	Drawer 1780				E-MAIL ADDRESS:					
	gier, NC 27501-1780 lor's Insurance Agency				INSURER(S) AFFORDING COVERAGE				NAIC#	
	ior o modranos Agento,				INSURER A : Builders Mutual Insurance Co					
INS	URED				INSURER B:					
Ger	URED ne's Backhoe Service, Inc. 0 Two Claude Road				INSURER C:					
	low Spring, NC 27592				INSURER D :					
Willow Opining, No 21 oo2										
						INSURER E : INSURER F :				
				. NUMBER.	INSURE	HF:		DEVICION NUMBER.		
_	OVERAGES CERTIFY THAT THE POLICIES			NUMBER:	VE BEE	N ICCUED TO		REVISION NUMBER:	THE DO	LICY PERIOD
I	NDICATED. NOTWITHSTANDING ANY R CERTIFICATE MAY BE ISSUED OR MAY EXCLUSIONS AND CONDITIONS OF SUCH	PERT POLI	REME TAIN, CIES.	NT, TERM OR CONDITION THE INSURANCE AFFORD	OF AN'	Y CONTRACT THE POLICIE REDUCED BY	OR OTHER I S DESCRIBED PAID CLAIMS.	DOCUMENT WITH RESPE	CT TO	WHICH THIS
INSF	TYPE OF INSURANCE	ADDL	SUBR	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMI	rs	
A								EACH OCCURRENCE	\$	1,000,000
	CLAIMS-MADE X OCCUR			PCP0003947		03/01/2023	03/01/2024	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	100,000
								MED EXP (Any one person)	\$	5,000
								PERSONAL & ADV INJURY	\$	1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	s	2,000,000
	POLICY PRO- JECT LOC							PRODUCTS - COMP/OP AGG		2,000,000
	OTHER:								s	
Α			_					COMBINED SINGLE LIMIT (Ea accident)	s	1,000,000
	X ANY AUTO OWNED SCHEDULED		PCA0021090	PCA0021090		03/01/2023	03/01/2024	BODILY INJURY (Per person)	s	
				. 070021000		00/01/2020	00/01/2024			
								PROPERTY DAMAGE (Per accident)		
	HIRED AUTOS ONLY AUTOS ONLY							(Per accident)	\$	
A	X UMBRELLA LIAB X OCCUR	+	+						\$	1,000,000
^	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE		MUB0005864		03/01/202	03/01/2023	2023 03/01/2024	EACH OCCURRENCE	\$.,,,,,,,,
	10000		WOB0003804		03/01/2023	AGGREGATE		\$		
A	DED X RETENTION \$ 10000	+	-					PER OTH-	\$	
^	AND EMPLOYERS' LIABILITY			WCP1057498		03/01/2023	03/01/2024	STATUTE ER	+	500,000
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A	WCF1037436		03/01/2023	03/01/2024	E.L. EACH ACCIDENT	\$	500,000	
	(Mandatory in NH) If yes, describe under							E.L. DISEASE - EA EMPLOYE	E \$	500,000
_	DESCRIPTION OF OPERATIONS below	-	-					E.L. DISEASE - POLICY LIMIT	\$	500,000
TY	SCRIPTION OF OPERATIONS / LOCATIONS / VEHICL LER NORDAN AND JEAN CARRO LICY.							red)		
JO	B DESCRIPTION: SEPTIC TANK I	NST	ALLA	ATION						
CE	RTIFICATE HOLDER				CANO	CELLATION				
				AMPDENG	390000000000000000000000000000000000000					
AMP'D ENGINEERING P.O. BOX 4580 EMERALD ISLE, NC 28594			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 Tudor's Insurance Agency							

AMP'd Engineering, PLLC

Civil Engineer - Consulting Engineer - Land Development

CERTIFICATION LETTER
July 21, 2023

To: Mr. Oliver Tolksdorf, REHS

Environmental Health Supervisor Harnett County Health Dept 307 W Cornelius Harnett Blvd Lillington, NC 27546

Ref: H

Haven-Lot 30 EOP

Falls River Ct

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 SFD2208-0084 on June 13, 2023. Gene's Backhoe, the on-site wastewater contractor installed 3-100' 25% Reduction (EZ Flow) Type Illg, lines with 12-14" TB. The system was revised to a 3 bedroom (360 GPD) system as shown in as built. 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, 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
June 20, 2023

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

63 Veron Ct.

Willow Spring, NC 27592

Ref: Haven-Lot 30 EOP

Falls River Ct

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 SFD2208-0084 on June 13, 2023. Gene's Backhoe, the on-site wastewater contractor installed 3-100' 25% Reduction (EZ Flow) Type Illg, lines with 12-14" TB. The system was revised to a 3 bedroom (360 GPD) system as shown in as built. 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.

Disconsistinate in promotes in a bit uniform strong strong put project 1940 strong strong put page 1940 strong strong page 2021 to 36 to 50 to 40 co.

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: Harold G. Carroll, Jr. Print Name	Sign Name	6/20/23 Date
North Carolina		
Johnston County		
I, <u>Stephanie C. Nordan</u> , a Notary Po	ublic for said County and S	late, do hereby
certify that Harold G. Carroll, Jr.	_ personally appeared be	fore me this day and
acknowledged the due execution of the	ne page 1 of 2 "Acceptant	ce Letter" from the PE.
Witness my hand and official seal, this t	he 20th day of June	2023
A UBLIC North A COUNTY THE	St	Phanic Mardon Notary Public
My commission expires <u>Augus</u>	t 25 . 20 <u>25</u> .	

PITTMAN SOIL CONSULTING **PO BOX 1387** HAVEN S/D Owner: Address: LOT 30 **RICHLANDS, NC 28574** Location: PLACID POND DRIVE 910-330-2784 LOT INFORMATION OBTAINED VIA PLAT BY STANCIL AND pittmansoil@yahoo.com ASSOCIATES FOR XCESSIVE RISK DEVELOPMENT, DATED APRIL 27, 2019. 27'X67' PANEL BLOCK BEDROOM MATER PROPOSED DRIVE INITIAL 3 BEDROOM LTAR .3 **EZ FLOW** 3-100' 25% REDUCTION LINES OFESSION N 12-14" TB >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM REPAIR AREA 3 BEDROOM LTAR .3 3-67' PANEL BLOCK LINES NGINES NO MARY 14" TB >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

SCALE 1"=50"

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