PART 3:	Authorization to	Operate (ATO)						
Except for date re	ceived, the Section belo	v is to be completed	by the Owner o the EOP.	r by the PE	designated to	o act as the	eir legal represei	ntative for
LHD USE ONLY	: Initial submittal	of request for AT	O received: _		23 ate	by _	Initials	
	Date of Post-cor	struction Confer	rence:					
1. Signed and a. Signed b. Drawir c. Report d. Manage e. On-site f. Signed 2. Fee (as app 3. Notarized I Attestation by I, ATHAN Print name of Owner HARNE	etter documenting the Owner or the Pl M. PARKER, er or Professional Engine	Engineer's report on of soil conditi lans ions and final ins nual actor's signed sta ent pursuant to 1 Owner's acceptant E for Authorization PE hereby er HD and the system	t that include ions and site spection atement 1.5A NCAC 184 nce of the system to Operate attest that all m shall meet h G.S. 130A-3 Digitally signed pictures at the original property signed pictures at the original	features A .1938(h stem from I items ir applicab is 3361(e) by ATHAN M. PAR	n the PE ndicated ab ole federal, (6).	ove have	X Yes	No N
Signature o	f Owner or Professional I	ingineer Affiliation	US, o=AMP'D E email=ATHAN AMPDENGINE	ENGINEERING, PL PARKER® ERING.COM 01 16:15:22-05'00')	TC,			
I HD Review of	required information		ction for LHD Use	e Only.				
INCOMPLE Based upon		ion submitted by					ne following i	tems are
Copies of this si	igned form were ser	nt to the design P	E and the Ov	vner on _	Date	via Email,	FAX, USPS, Hand	-delivered
COMPLETE	thorized Agent of the LH	52 200	gnature of autho	n oo		above. ti	nis Authorizat	Date
Operate is	hereby issued in accomplete NOI/ATO w	ordance with G.	S. 130A-336.	1(m).		3/9/2	3 via Emai	and-delivere
Print name of aut	CLKSDON thorized Agent of the LHI	Sign Sign	gnature of author	orized Agen	RENS Tof the LHD	Dute - E	3/3	Date
ICCUANCE OF CEL	STIFICATE OF OCCUPA	NCV: Once the LUI	D datarminas a	amalatam	ose based	non the D	Fauhmission t	he euroe

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.

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 41 EOP 354 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 SFD2110-0050 on February 10, 2023. Gene's Backhoe, the onsite wastewater contractor installed 5-45' 25% Reduction (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. PARKE PE DR CHEATHAN M PARKER, PE CO U.S. coaMAPD DERGINERING, PLC. omain-ATHAN PARKER(B).
AMPDEHGINEERING, COM. DWG. 2023 03 01 10 1433 -0500'

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

WGINEER KENTER AN M. PARKETINE

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 16, 2023

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

63 Veron Ct.

Willow Spring, NC 27592

Ref: Haven-Lot 41 EOP

354 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 SFD2110-0050 on February 10, 2023. Gene's Backhoe, the onsite wastewater contractor installed 5-45' 25% Reduction (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.

SING SIMPLED IN NOTICE STREET, AMERICAN COLOR STREET, AMERICAN COLOR

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

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

Owner, Harold G, Carroll, Jr.		2/23/23
Print Name	Sign Name	Date
North Carolina		
Johnston County		
I. Stephanie C. Nordan , a Notary Pub	olic for said County and S	tate, do hereby
certify that Harold G. Carroll, Jr.	personally appeared be	fore me this day and
acknowledged the due execution of the	page 1 of 2 "Acceptant	ce Letter" from the PE.
Witness my hand and official seal, this the	23rd day of February	, 20 <u>23</u> .
Stephanie China		
NOT		
AP dan		
On College	$\mathcal{A}_{\mathcal{C}}$	0
THE ONLY THE PARTY OF THE PARTY	Olej	Leani Moda
NOTAR County, NC	, ,	
		Notary Public
My commission expires August 2	25	

Owner: HAVEN S/D

Address: LOT 41

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,

DN. cn=ATHAN M. PARKER, PE, c: US, o:AMPD ENGINERING. PLU email=ATHAN PARKER@ AMPDENGINEERING.COM Date: 2023.03.01.16.15.07.05'00'

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



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.CO
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
Mailing address: 1340 TWO CLAUDE RD WILLOW SPRINGS 27592 City: RICHLANDS State: NC Zip:28574
919-625-7051 TANORDAN@GMAIL.COM 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:
☑ 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 Lot 41 Haven
System Type 25% Reduction
Tank Size 1000 gai Seffic tank.
Tures 4
Line Lengths 45' Depth 18" - 20" TB
Installation Date 1-19-23
Final Inspection Date 1-19-23
Installer Signature
Date 2-17-23

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.

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). CONTACT Tudor's Insurance Agency 919-639-4400 **Tudor's Insurance Agency** PHONE (A/C, No, Ext): 919-639-4400 (A/C, No): 31 N Dunn Street P 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** 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 POLICY EFF POLICY EXP
(MM/DD/YYYY) TYPE OF INSURANCE POLICY NUMBER LIMITS 1,000,000 X 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 LOC PRODUCTS - COMP/OP AGG OTHER COMBINED SINGLE LIMIT (Ea accident) 1,000,000 AUTOMOBILE LIABILITY X 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 UMBRELLA LIAB X 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 WCP1057498 03/01/2023 03/01/2024 500,000 ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) 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 POLICY 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 AMP'D ENGINEERING ACCORDANCE WITH THE POLICY PROVISIONS P.O. BOX 4580 **EMERALD ISLE, NC 28594** AUTHORIZED REPRESENTATIVE **Tudor's Insurance Agency**