PART 3:	Authorization to Operate (ATO)	
Except for date re	eceived, the Section below is to be completed by the Owner or by the PE designated to act as their legal representative the EOP.	e for
LHD USE ONLY	Y: Initial submittal of request for ATO received: 3)3 23 by O	
	Date of Post-construction Conference:	
1. Signed and a. Signed b. Drawir c. Report d. Manag e. On-site f. Signed 2. Fee (as app 3. Notarized I Attestation by I, ATHAN Print name of Owner HARNE regulations, rul	letter documenting Owner's acceptance of the system from the PE X Yes	No No No No No No the
	This section for LHD Use Only.	
INCOMPLE Based upor	Trequired information for the ATO ETE on review of information submitted by the Owner or PE in the Section above, the following items om the information required for an Authorization to Operate for an EOP: Signed form were sent to the design PE and the Owner on	
Print name of au	othorized Agent of the LHD Signature of authorized Agent of the LHD Date	_
	En review of information submitted by the Owner or PE in the Section above, this Authorization to the hereby issued in accordance with G.S. 130A-336.1(m).	to
A copy of this c	complete NOI/ATO with tracking information was sent to the State on 3/9/33 via Email	
OLIVER 1	OLXSDORF Party Services Property Party Services Property Party Services Party Ser	livere
Print name of au	uthorized 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 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		Initials				
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 XCESSIVE RISK DEVELOPMENT ONLY ACCUSATE OF THE PROPERTY OF THE						
63 VERON COURT Mailing address: PO BOX 4580	WILLOW SPRING City: EMERALD ISLE	27592 State: NC Zip: 28594				
63 VERON COURT Mailing address: PO BOX 4580 919-410-5704 Telephone number: 919-795-9594 63 VERON COURT City: WILLOW SPRING E-mail Address: ATHAN. PARKER@AMPDENGINEERING. COM E-mail Address: ATHAN. PARKER@AMPDENGINEERING. COM						
2. Professional Engineer (PE) name: ATHAN M P						
Mailing address: PO BOX 4580	7 3 2 3 3	Caritonico Balbandesi con caral				
Telephone number: 919-795-9594 E-mail Address: ATHAN.PARKER@AMPDENGINEERING.COM						
3. Licensed Soil Scientist (LSS) name: HAYWOOD P	ITTMAN, LSS Lice	ense 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:	Lice	nse Number:				
Mailing address:	City:	State: Zip:				
Telephone number:E-mail Address:						
On-site Wastewater Contractor name: HAYWO	OD PITTMAN, LSS Lic	cense number: 3825				
1340 TWO CLAUDE RD WILLOW SPRINGS 27592 Mailing address: 1073-1 GREGORY FORK RD 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 18 Haven
System Type 25% Reduction
Tank Size 1,000 991 Seffic fank
Trench Info # Lines 3
Line Lengths 60° Depth 18" - 20" TB
1-26-23
Installación
Final Inspection Date 1-26-23
Installer Signature
Date 2-17-23

OP ID: CP



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.

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 31 N Dunn Street PHONE (A/C, No, Ext): 919-639-4400 FAX (A/C, No) E-MAIL ADDRESS: O Drawer 1780 Angier, NC 27501-1780 INSURER(S) AFFORDING COVERAGE NAIC # Tudor's Insurance Agency 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 **REVISION NUMBER:** COVERAGES 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 POLICY EFF POLICY EXP POLICY NUMBER LIMITS TYPE OF INSURANCE 1,000,000 COMMERCIAL GENERAL LIABILITY EACH OCCURRENCE \$ 100,000 DAMAGE TO RENTED PREMISES (Ea occurrence) CLAIMS-MADE X OCCUR 03/01/2023 03/01/2024 PCP0003947 \$ 5,000 MED EXP (Any one person) 1,000,000 PERSONAL & ADV INJURY 2,000,000 \$ GENERAL AGGREGATE GEN'L AGGREGATE LIMIT APPLIES PER: 2,000,000 PRO-POLICY LOC PRODUCTS - COMP/OP AGG \$ OTHER COMBINED SINGLE LIMIT (Ea accident) 1,000,000 AUTOMOBILE LIABILITY 03/01/2023 03/01/2024 X ANY AUTO PCA0021090 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** 03/01/2023 03/01/2024 MUB0005864 **EXCESS LIAB** CLAIMS-MADE AGGREGATE \$ 10000 DED X RETENTION \$ OTH-WORKERS COMPENSATION AND EMPLOYERS' LIABILITY STATUTE 500,000 WCP1057498 03/01/2023 03/01/2024 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 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

ACORT

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 18 EOP 417 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 SFD2110-0043 on January 19, 2023. Gene's Backhoe, the onsite wastewater contractor as permitted installed 3-60' 25% Reduction (revised to 3-bedroom, 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,

Digitally signed by ATHARI M PARKER, PE, PE
DN. cn=ATHAN M. PARKER, PE, C=
US, o=AMPD ENGINEERING, PLLC,
email=ATHAN, PARKER®
AMPDENGINEERING, COM
DR. DATE OF THE PARKER OF THE PARKER

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

WGINEER HANNING MARKET THE PROPERTY OF THE PROPERT

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 1, 2023

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

63 Veron Ct.

Willow Spring, NC 27592

Ref: Haven-Lot 18 EOP

417 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 SFD2110-0043 on January 19, 2023. Gene's Backhoe, the onsite wastewater contractor as permitted installed 3-60' 25% Reduction (revised to 3-bedroom, 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 A HANN M. PAPADE,
PE
DNE projekt HANN M. PAPADER, PE, oUS, o-AMBYD ENGINEER BRID, PLLC
sergids, A FOAK PAPADER,
AMPOENGINEER BRIDG, COM

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

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

Page 2 of 2

	JA -	
Owner: Harold G. Carroll, Jr.	5000	2/2/23
Print Name	Sign Name	Date
North Carolina		
Johnston County		
Johnston		
l, <u>Stephanie C. Nordan</u> , a Notary Pu	ublic for said County and S	state, do hereby
and the theat Henri II C. Connell II.	a crear all canage are dipo	fore me this day and
certify that Harold G. Carroll, Jr.	_ personally appeared be	note me this day and
acknowledged the due execution of th	ne page 1 of 2 "Acceptant	ce Letter" from the PE.
Witness my hand and official seal, this th	he 2nd day of Jebru	an, 2023.
	Ore	0
	Oty	Thani Modan
		Notary Publicum Nordan Nordan
My commission expires August	25 , 2025 .	Stephenson A N N N N N N N N N N N N N N N N N N
My Commission expires	, 2020.	E ARY
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		Johnston Johnston
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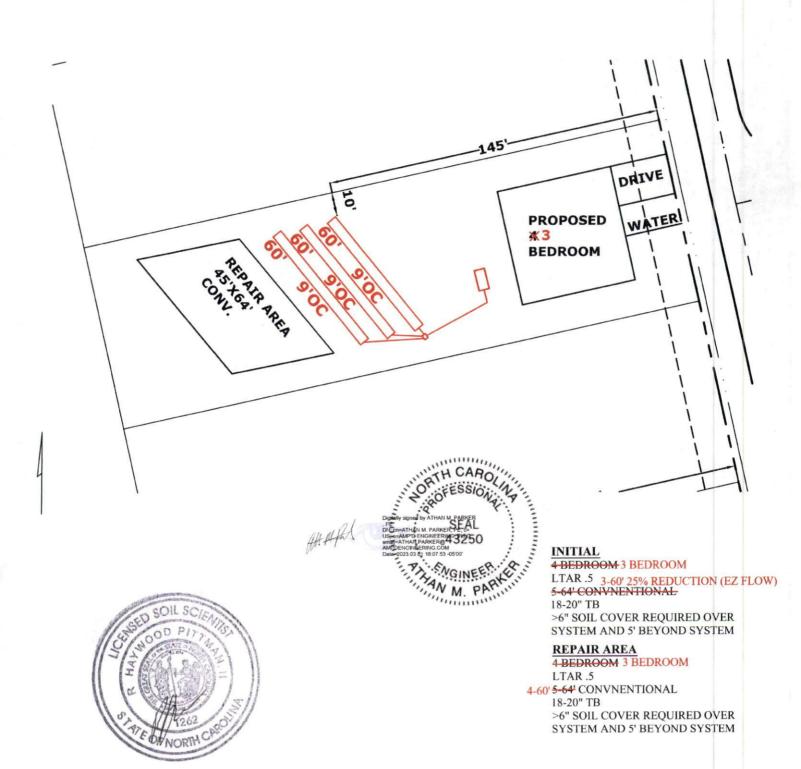
Owner: HAVEN S/D

Address: LOT 18

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,

Athan M Parker, PE President

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

Page 1 of 1