AMP'd Engineering, PLLC

Civil Engineer - Consulting Engineer - Land Development

CERTIFICATION LETTER
June 27, 2023

To: Mr. Oliver Tolksdorf, REHS
Environmental Health Supervisor

Harnett County Health Dept 307 W Cornelius Harnett Blvd

Lillington, NC 27546

Ref: Haven- Lot 50 EOP

107 Harmony Trl

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 SFD2208-0081 on June 2, 2023. Gene's Backhoe, the on-site wastewater contractor installed 4-60' 25% Reduction (EZ Flow) Type Illg, lines with 12-16" 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,

V*

President

AMP'd Engineering, PLLC

Firm License No. P-1532

Athan M Parker, PE

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 8, 2023

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

63 Veron Ct.

Willow Spring, NC 27592

Ref: Haven-Lot 50 EOP

107 Harmony Trl

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 SFD2208-0081 on June 2, 2023. Gene's Backhoe, the on-site wastewater contractor installed 4-60' 25% Reduction (EZ Flow) Type Illg, lines with 12-16" 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,

Digitally superitary ATHAN M. PARKES
PR. SHUATHAN M. PRINKER PE. SHUSS GHAMPO BRODHERRANG PRIZE
MANUAL THAN PARPETRING
AMPODING HERPANG, COM

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	6/12/23 Date
North Carolina		
Johnston County		
, Stephanie C, Nordan , a Notary Pu	ublic 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 th	e page 1 of 2 "Accepto	ance Letter" from the PE.
Witness my hand and official seal, this th	ne 12th day of June	, 20 <u>23</u> .
PUBLIC ONORGAN ARY	AMMAN MAN AND AND AND AND AND AND AND AND AND A	Ephani Chudi Notary Public
My commission expires August	25 , 20 <u>25</u> .	

Owner: HAVEN S/D **PO BOX 1387** Address: LOT 50 **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. INITIAL 3 BEDROOM LTAR,4 LTAR .4 EZ FLOW 4-60' 25% REDUCTION LINES 12-16" TB >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM REPAIR AREA 3 BEDROOM LTAR .4 3-50' PANEL BLOCK LINES 14" TB >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

PITTMAN SOIL CONSULTING

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

M. PAP



ROY COOPER • Governor

KODY H. KINSLEY • Secretary

HELEN WOLSTENHOLME • Interim Deputy Secretary for Health

MARK T. BENTON • Assistant Secretary for Public Health

Division of Public Health

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) - Please check all that apply			
AND			
∑ New			
Repair – LHD Permit Number Repair – EOP/LSS COVID 19/AOWE 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.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: 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			
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:			
that medace the name of the made, hame of the maded and the checkive dates of coverage.			

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES . DIVISION OF PUBLIC HEALTH

LOCATION: 5605 Six Forks Road, Raleigh, NC 27609

MAILING ADDRESS: 1642 Mail Service Center, Raleigh, NC 27699-1642

www.ncdhhs.gov • TEL: 919-707-5874 • FAX: 919-845-3972



Lot and Subdivision Haven Lot So
System Type 25% Reduction Ez-flow
Tank Size 1,000 Gullon
Trench Info #Lines # Line Lengths 60 ' Depth 16" TB
Installation Date June 2 2023
Final Inspection Date June 2 2023
Installer Signature
Date June 19 202)

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 PRODUCER Tudor's Insurance Agency 31 N Dunn Street PHONE (A/C, No, Ext): 919-639-4400 FAX (A/C, No): 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 CERTIFICATE NUMBER: REVISION NUMBER: COVERAGES 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 INSR LTR POLICY NUMBER LIMITS TYPE OF INSURANCE X COMMERCIAL GENERAL LIABILITY 1,000,000 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 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 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 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 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