

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

PO Box 4580  
Emerald Isle, NC 28594  
(919) 795-9594 ✦ [athan.parker@ampdengineering.com](mailto:athan.parker@ampdengineering.com)  
Firm License Number P-1532

**CERTIFICATION LETTER**  
**April 29, 2019**

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

**Ref: Quail Hollow Lot 17 EOP  
127 Deanne Ln  
Coats, 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 SFD 1810-0043 on April 11, 2019. Thornton Plumbing the on-site wastewater contractor as permitted installed 4-75' Polystyrene Type IIIg lines with 18" TB as designed and permitted. The system appeared to be in the location permitted on the site plan by Pittman Soil Consulting.

If you have any questions, please feel free to give me a call (919) 795-9594 or email me ([athan.parker@ampdengineering.com](mailto:athan.parker@ampdengineering.com)).

Sincerely,



01/13/19 ATHAN M. PARKER, PE, #1532, #AMP'D  
ENGINEERING, PLLC  
01/13/19 09:58:41 11 04/00

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



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Attch: Owner's acceptance of the system, ATO Sheets and On-site Wastewater Contractors statement

# AMP'd Engineering, PLLC

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## ACCEPTANCE LETTER April 18, 2019

To: **WJH LLC (the "Owner")**  
**3300 Battleground Ave, STE 230**  
**Greensboro, NC 27410**

Ref: **Quail Hollow Lot 17 EOP**  
**127 Deanne Ln**  
**Coats, Harnett County, NC**

Dear WJH,

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 SFD 1810-0043 on April 11, 2019. Thornton Plumbing the on-site wastewater contractor as permitted installed 4-75' Polystyrene Type IIIg lines with 18" TB as designed and permitted. 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. 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 (919) 795-9594 or email me (athan.parker@ampdengineering.com).

Sincerely,



ATHAN M. PARKER, PE, CIVIL, AMP'D  
ENGINEERING, PLLC  
athan.parker@ampdengineering.com  
2019.04.18 08:30:19 (UTC)

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



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

Owner: PATRICK LAMM [Signature] 4/24/19  
Print Name Sign Name Date

North Carolina

Wake County

I, Tara Rabitz, a Notary Public for said County and State, do hereby certify that Patrick Lamm personally appeared before me this day and acknowledged the due execution of the page 1 of 2 "Acceptance Letter" from the PE.

Whitness my hand and official seal, this the 24 day of April, 2019.



Tara Rabitz

Notary Public

My commission expires 6/18, 2020

**PART 3: Authorization to Operate (ATO)**

*Except for date received, the Section below is to be completed by the Owner or by the PE designated to act as their legal representative for the EOP.*

LHD USE ONLY: Initial submittal of request for ATO received: <u>4-17-19</u> by <u>AP</u>
Date <span style="margin-left: 150px;">Initials</span>
Date of Post-construction Conference: <u>4-24-19</u>

The following items are included in this submittal for an Authorization to Operate under an EOP:

1. Signed and sealed copy of the Engineer's report that includes:
  - a. Signed and sealed evaluation of soil conditions and site features  Yes  No
  - b. Drawings, specifications, plans  Yes  No
  - c. Reports on special inspections and final inspection  Yes  No
  - d. Management Program manual  Yes  No
  - e. On-site Wastewater Contractor's signed statement  Yes  No
  - f. Signed and sealed statement pursuant to 15A NCAC 18A .1938(h)  Yes  No
2. Fee (as applicable)  Yes  No
3. Notarized letter documenting Owner's acceptance of the system from the PE  Yes  No

**Attestation by the Owner or the PE for Authorization to Operate**

I, ATHAN M. PARKER hereby attest that all items indicated above have been provided to the

*Print name of Owner or Professional Engineer*

HARNETT County LHD and the system shall meet applicable federal, State, and local laws, regulations, rules and ordinances in accordance with G.S. 130A-336.1(e)(6).


 Signature of Owner or Professional Engineer	<small>ATHAN M. PARKER, PE, LE, US, O-AMPD ENGINEERING, PLLC ATHAN.PARKER@AMPDENGINEERING.COM 2018 04 23 10:03:28 -0400</small> <u>4/25/2019</u> Date
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*This section for LHD Use Only.*

**LHD Review of required information for the ATO**


INCOMPLETE  
Based upon review of information submitted by the Owner or PE in the Section above, the following items are missing from the information required for an Authorization to Operate for an EOP: \_\_\_\_\_

Copies of this signed form were sent to the design PE and the Owner on \_\_\_\_\_ via \_\_\_\_\_.  

<u>James E. Markhart III</u> <i>Print name of authorized Agent of the LHD</i>	 <i>Signature of authorized Agent of the LHD</i>	Date <u>4-20-19</u> <i>Email, FAX, USPS, Hand-delivered</i>
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COMPLETE  
Based upon review of information submitted by the Owner or PE in the Section above, this Authorization to Operate is hereby issued in accordance with G.S. 130A-336.1(m).

A copy of this complete NOI/ATO with tracking information was sent to the State on 4-26-19 via Email.  

<u>James E. Markhart III</u> <i>Print name of authorized Agent of the LHD</i>	 <i>Signature of authorized Agent of the LHD</i>	Date <u>4-26-19</u> <i>Email, FAX, USPS, Hand-delivered</i>
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**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.

## EOP Tracking information

The LHD completes this form for each NOI/ATO submitted to their offices. The LHD updates this information and re-sends it throughout the process as appropriate. The Department will use this data to draft required legislative reports on implementation of the EOP.

## Tracking information for Engineered Option Permits (Required)

County	HARNETT
LHD Reference Number	SFD 1810-0043
Permitting backlog as of date of NOI submittal (# days)	7-10 DAYS
Number of days to process the NOI (# days)	13 DAYS
Number of days to process re-submitted NOI (# days or "NA")	NA
Facility type	SFD
Domestic, High Strength or IPWW	DOMESTIC
Design Daily Flow	360
Residential or Commercial	RESIDENTIAL
System type (per Rule .1961)	III
Date of Post-construction conference	4-24-19
Date Authorization to Operate issued	4-25-19
Fee charged for EOP	225.00
Is fee sufficient to cover LHD costs?	NO
Date LHD notified of EOP malfunction	
Date LHD notified of Owner complaint	

# PITTMAN SOIL CONSULTING

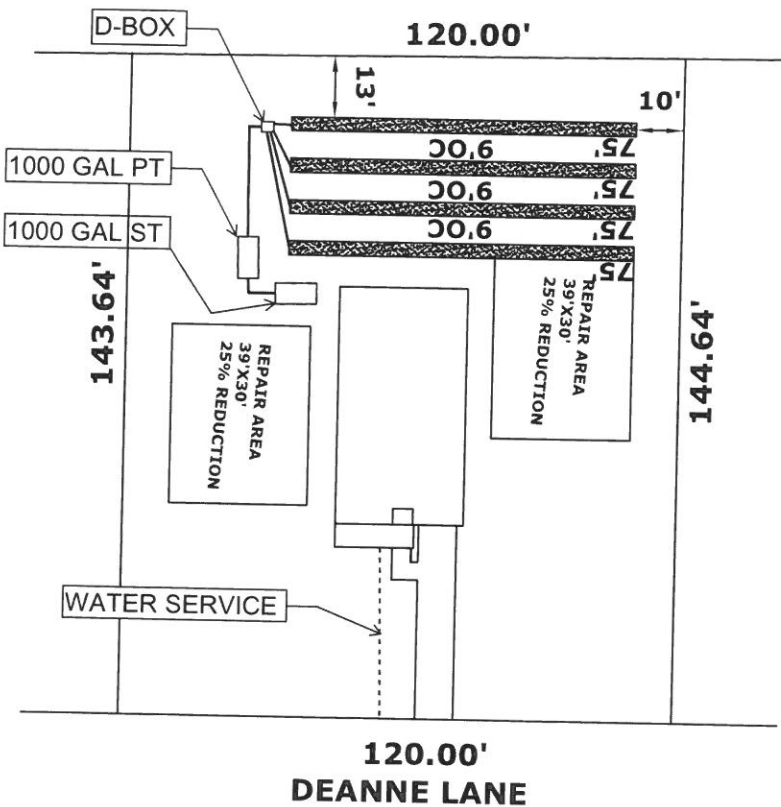
Owner: QUAIL HOLLOW  
 Address: LOT 17  
 Location: 127 DEANNE LANE

PROPERTY INFORMATION OBTAINED VIA  
 HARNETT COUNTY MAP#99-19 DEED  
 BOOK 1910 PG 0783

**SOIL BORE (TYP)**  
 0-12 SL GR, VFR, NEXP, 2.5Y 4/3  
 12-24 SL, GR, VFR, NEXP, 2.5Y 6/4  
 24-30 CL, SBK, FI, SS, SP, 10YR 5/6, 10YR 5/8  
 30-48 CL, SBK, FI, SS, SP, 10YR 5/6, 7.5YR 5/8, 2.5Y 6/2

*Handwritten signature*

cn=Athian M Parker, PE c=US, o=AMP'd  
 Engineering, PLLC,  
 email=Athian.Parker@ampdengineering.com  
 2019.04.29 08:53:09 -4100'



**INITIAL**  
 3 BEDROOM  
 LTAR .3  
 4-75' 25% REDUCTION LINES  
 18" TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

**REPAIR AREA**  
 3 BEDROOM  
 LTAR .3  
 10-30' CONVENTIONAL LINES  
 18" TB  
 >6" SOIL COVER REQUIRED OVER  
 SYSTEM AND 5' BEYOND SYSTEM

**SCALE 1"=40'**



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 _____ Date Initials
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**PART 1: Notice of Intent to Construct (NOI)**

- New                       Expansion  
 Repair – LHD Permit Number \_\_\_\_\_  Repair – EOP Permit Number \_\_\_\_\_

1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.): \_\_\_\_\_  
WADE JURNEY HOMES - WJH LLC

Mailing address: 3300 BATTLEGROUNDS AVE, STE 230 City: GREENSBORO State: NC Zip: 27410  
Telephone number: 919-525-5856 E-mail Address: PLAMM@WADEJURNEYHOMES.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@AMPENGINEERING.COM

3. Licensed Soil Scientist (LSS) name: HAYWOOD PITTMAN, LLS 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: \_\_\_\_\_

5. On-site Wastewater Contractor name: THORNTON PLUMBING, INC License number: 2534  
3160-A VINSON RD. CLAYTON 27527  
Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS State: NC Zip: 28574  
919-550-4833 TPIPLANNER@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

3160-A Vinson Rd  
Clayton, NC 27527  
919-550-4833-Office  
919-550-1637-Fax

Thornton's Plumbing, Inc.

Thornton's Footing, Hauling, and Septic, Inc.

April 18, 2019

Amp'd Engineering  
PO Box 4580  
Emerald Isle NC 28594

Re: Septic Install  
Lot 17 Quail Hollow  
127 Deanne Lane, Coats  
Wade Journey Homes

On April 11 2019, TFH&S installed a 1000 gal pump septic system, alarm and 300 foot of drain line.

There were 4 lines in total, 75 foot each of ez lay.

If you have any questions, please call.

Sincerely,



Andy Thornton  
License #2534 Grade Level II  
Thornton's Footing, Septic and Hauling  
tpiplanner@gmail.com  
919-550-4833  
Fax: 919-550-1637

tpiplanner@gmail.com



