

Improvement Permit for Wastewater Systems
CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT
DIVISION OF ENVIRONMENTAL HEALTH
80 EAST ST., P.O. BOX 130 - PITTSBORO, NC 27312-0130
PHONE 919-542-8208 / FAX 919-542-8288
www.chathamnc.org/environmentalhealth

Expiration Date: 7/9/2030

New

Owner:	REBECCA NEWTON	Applicant:	DAVE KLARMANN
911 Address:	TBD KAREN CALHOUN RD. PITTSBORO, NC 27312		
Parcel Number:	2954		
Acres:	8.36		
Subdivision Name:	N/A		
Subdivision Lot:	N/A		

FACILITY

Facility Type: Single Family Dwelling

Number of Bedrooms: 4 Number of Occupants: 8 Other: N/A

Design Flow: 480 GPD **Design Wastewater Strength: Domestic**

Type of Water Supply: Private Well

INITIAL SYSTEM

System Type: IIIB - Single Pump **Trench Product:** Conventional Gravel
LTAR: 0.3 GPD/ft² **Effluent Standard:** DSE **Saprolite System:** No **Fill System:** No
Tank(s) Size with Risers and Effluent Filter: ST 1,000 Gal PT 1,000 Gal
Nitrification Line: **Length:** 533 ft. **Width:** 3 ft. **Max Trench Depth:** 15 in. on downslope sidewall
Artificial Drainage Required: No **If yes, type/details:** N/A


REPAIR SYSTEM

System Type: IIIb - Single Pump **Trench Product:** Conventional Gravel
LTAR: 0.3 GPD/ft² **Effluent Standard:** DSE **Saprolite System:** No **Fill System:** No
Max Trench Depth: 15 in. on downslope sidewall
Artificial Drainage Required: No **If yes, type/details:** N/A

Drainfield locations meet requirements of Rule .0508: Yes Drainfield locations meet requirements of Rule .0601: Yes

SPECIAL CONDITIONS: Accepted product can be used for a 25% reduction in line length. If contractor can demonstrate appropriate fall from tank to drain field, no pump or pump tank is required.

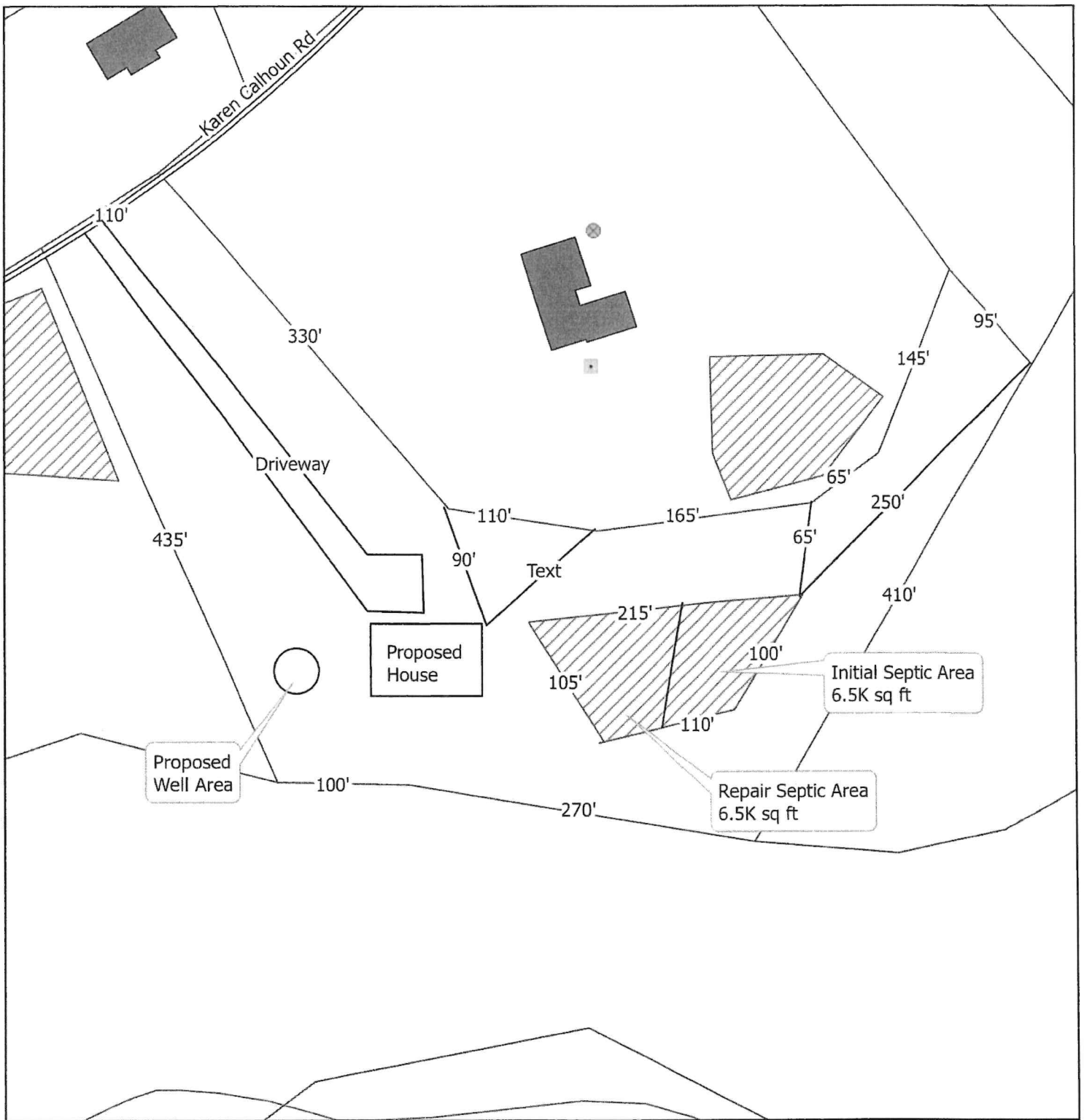
This permit is valid for five years but is subject to revocation if the site plan, plat, or the intended use changes or if the site is altered, soil disturbed, or setbacks violated. The issuance of this permit in no way guarantees the issuance of other permits. The permit holder is responsible for verifying with appropriate governing bodies in meeting their requirements. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of 15A NCAC 18E and to the conditions of this permit. A department issued accompanying site plan must be attached to be valid. A Construction Authorization must be obtained from this office before installation and prior to applying for building permits.

Issued by:  NC Registration #: 3217 Date: 7/9/2025
Michael Dunbar – Registered Environmental Health Specialist

Parcel Number: 2954

Owner: Rebecca Newton

IP Sitemap 1



Legend

- Existing Tank
- Existing Well
- Road Centerlines
- Stream/River
- Existing Structure
- Approved System Area
- Parcels



REHS:

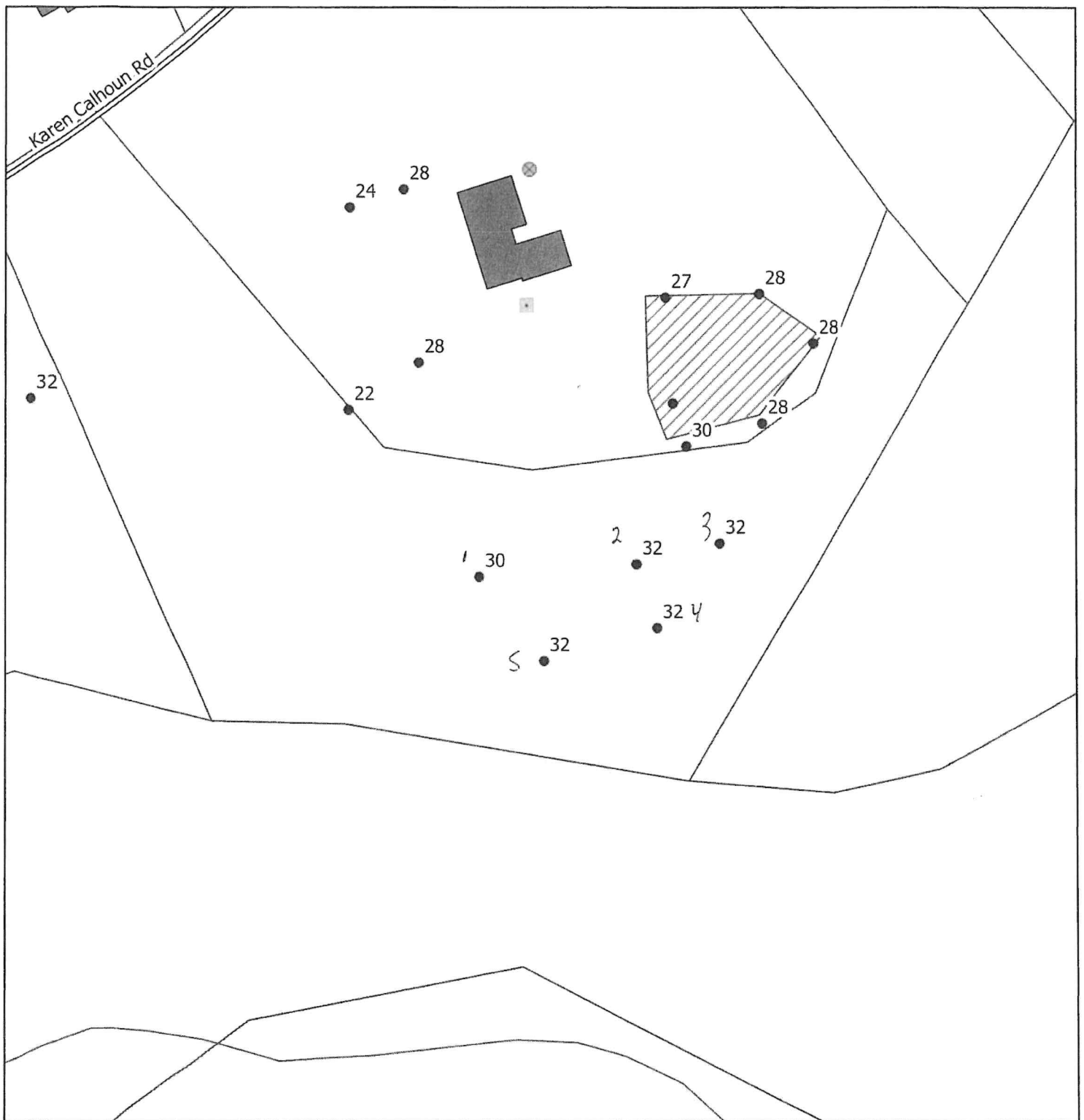
Date: 7/9/25

0 25 50 100 150 200 Feet

Parcel Number: 2954

Owner: Rebecca Newton

Auger Boring Sitemap



Legend

- Auger Boring Sites
- Existing Tank
- ⊗ Existing Well
- Road Centerlines
- Stream/River
- Existing Structure
- ▨ Approved System Area
- Parcels



REHS: 

Date: 7/9/25

0 25 50 100 150 200 Feet

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: _____
COUNTY: CHATHAM

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Rebecca Norton DATE EVALUATED: 7/2/25
ADDRESS: TBD Karen Calhoun Rd
PROPOSED FACILITY: SFD PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: 8.36
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: _____
EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW

#	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR*	.0502 SLOPE CORREC TION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
1	L 8%	0-8	SL SBK	Fr		Sup @ 30			S 0.3	3"
		8-30	C SBK	Fm SBKP						
2 3 4	L 7%	0-7	SL SBK	Fr		Sup @ 32			S 0.3	2"
		7-32	C SBK	Fm SBKP						
5	L 8%	0-8	SL SBK	Fr		Sup @ 32			S 0.3	3"
		8-32	C SBK	Fm SBKP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>Suitable</u> EVALUATED BY: <u>Mike Taylor</u> OTHER(S) PRESENT: <u>Dave Klemm</u>
Available Space (.0508)	<u>65K</u>	<u>65K</u>	
System Type(s)	<u>111B</u>	<u>111B</u>	
Site LTAR	<u>0.3</u>	<u>0.3</u>	
Maximum Trench Depth	<u>15"</u>	<u>15"</u>	

Comments: _____