



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: 9/24/2030

New

Owner:	SHEILA BUTNER	Applicant:	DAVE KLARMANN
911 Address:	353 ROBERT ALSTON JR. DRIVE		
Parcel Number:	7082		
Acres:	1.1		
Subdivision Name:	N/A		
Subdivision Lot:	N/A		

FACILITY

Facility Type: Single Family Home
Number of Bedrooms: 3 **Number of Occupants:** 6 **Other:** n/a
Design Flow: 360 GPD **Design Wastewater Strength:** Domestic
Type of Water Supply: Private Well

INITIAL SYSTEM

System Type: IIIb - Single Pump **Trench Product:** Accepted, (25% reduction)
LTAR: 0.25 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: 360 ft. Width: 3 ft. **Max Trench Depth:** 17 in. on downslope sidewall
Artificial Drainage Required: No **If yes, type/details:** n/a

REPAIR SYSTEM

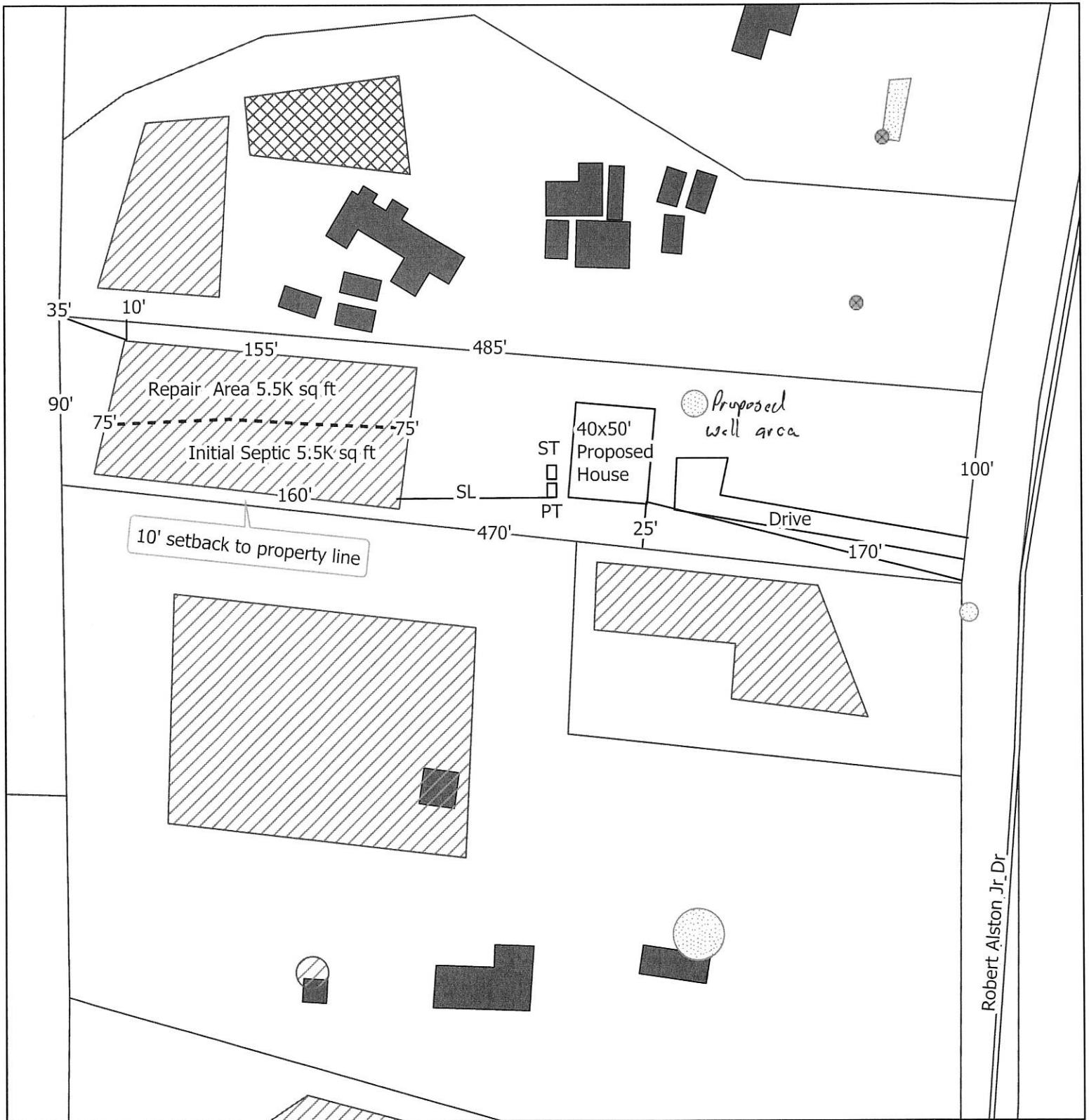
System Type: IIIb - Single Pump **Trench Product:** Accepted, (25% reduction)
LTAR: 0.25 GPD/ft² **Effluent Standard:** DSE **Saprolite System:** No **Fill System:** No
Max Trench Depth: 17 in. on downslope sidewall
Artificial Drainage Required: No **If yes, type/details:** n/a

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

SPECIAL CONDITIONS:

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: Michael Dunbar NC Registration #: 3217 Date: 9/24/2025
Michael Dunbar - Registered Environmental Health Specialist



Legend

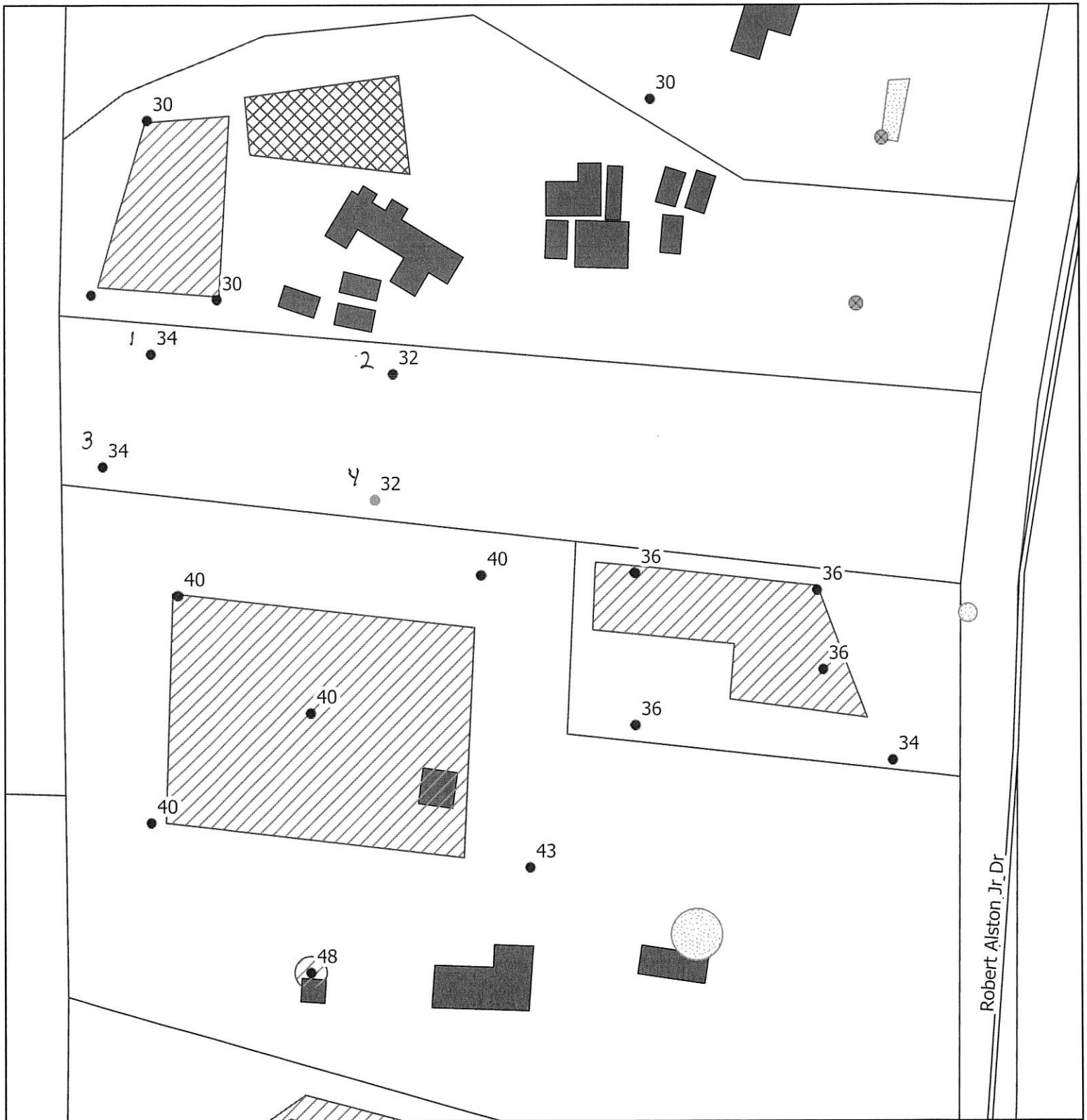
- Existing Well
- Approved Well Area
- Existing System Area
- Road Centerlines
- Existing Structure
- Approved System Area
- Parcels



0 15 30 60 90 120 Feet

REHS:

Date: 9/24/25



Legend

- Auger Boring Sites
- ⊗ Existing Well
- ▨ Approved Well Area
- ▩ Existing System Area
- Road Centerlines
- Existing Structure
- ▨ Approved System Area
- Parcels



0 15 30 60 90 120
Feet

REHS: *MAJ*
Date: 9/24/25

Robert Alston, Jr. Dr

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

PROPERTY ID #: 7082
COUNTY: CHATHAM

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Shicola Butner DATE EVALUATED: 9/14/25
ADDRESS: 383 Robert Alston Jr Dr
PROPOSED FACILITY: SFD PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 1.1
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50'
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%	0-6	S/L Gr	Fr		S.p			S 0.25	3"
		0-34	C SBK	fm SBXP		e 34"				
2	L 8%	0-6	S/L Gr	Fr		S.p			S 0.25	3"
		6-32	C SBK	fm SBXP		e 32"				
3	L 8%	0-6	S/L Gr	Fr		S.p			S 0.25	2"
		6-34	C SBK	fm SBXP		e 34"				
4	L 8%	0-6	S/L Gr	Fr		S.p			S 0.25	3"
		6-32	C SBK	fm SBXP		e 32"				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>Suitable</u> EVALUATED BY: <u>M. Ka Butner</u> OTHER(S) PRESENT: <u>Tanner Davis</u>
Available Space (.0508)	<u>S.S K</u>	<u>S.S K</u>	
System Type(s)	<u>111 B</u>	<u>111 B</u>	
Site LTAR	<u>0.25</u>	<u>0.25</u>	
Maximum Trench Depth	<u>17"</u>	<u>17"</u>	

Comments: