



PENDER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION
 803 Walker Street, P.O. Box 1209
 Burgaw, NC 28425
 Phone 910-259-1233 FAX 910-259-1404
www.pendercountync.gov

IMPROVEMENT PERMIT

Parcel PIN: 4213-59-7516-0000
 Application Date: 5/1/2026

Permit #: EHIP-03526-2026

Applicant: Owner
 Address:

Owner: Groundhog LLC
 Address: PO BOX 1178
 Hampstead, NC 28443

Phone:

Phone: 910-800-1918

Property Desc.: L4 PT L14,PB 29/151, SLOOP PT S
 Property Address: 251 Roberts Rd.
 Permit Type: Residential New

Lot Size (Acres): 0.46
 Facility Type: Single Family Dwelling
 Water Supply: Well

INITIAL SYSTEM
 Design Flow: 480 GPD
 No. of Bedrooms: 4
 Site Classification:
 System Type: Conventional
 System Class: IIa
 Useable Soil Depth:
 LTAR: 0.8

REPAIR SYSTEM
 System Type: Conventional
 System Class: IIa
 Useable Soil Depth:
 LTAR: 0.8

Conditions:

- Not designed to be used for garbage disposal
- Do not remove any soil from system area
- If gravity flow cannot be achieved, a pump tank will be required

Refer to the attached site plan for specific information regarding location of the designated area. Soil and site descriptions are located on file at Pender County Environmental Health. There may be other types of systems which are applicable to this site. The permit and evaluation are valid only for the site as designated on the attached site plan. A Construction Authorization must be issued prior to the issuance of the Building Permit and before any construction or system installation can commence. This permit is subject to revocation if the site plan, plat, or intended use changes or if the site is altered. Do not drive on or otherwise disturb the designated soil area or this permit may be revoked.

ISSUED: 5/8/2026

EXPIRES: 5/8/2031

Registered Environmental Health Specialist

Pender County
Health Department

Division of Environmental Health
On-Site Wastewater

Sheet: 3 of 4
Tax Parcel Number: 4213-59-7516-0000
File Number: EHIP-03526-2026

SOIL/SITE EVALUATION
For On-Site Wastewater Systems 18E

Owner: Groundhog LLC Applicant: ''
Application Date: 5/1/2026 Date Evaluated: 5/18/2026 Proposed Facility: 4 Br. SFR
Proposed Design Flow: 480 GPP Property Size: 0.46 Ac
Location of Site: 251 Roberts Rd
Water Supply: Private Public Eval Method: Auger Boring Pit Cut

Profile Number	Horizon Depth (inches)	Soil Morphology			Soil Color (.0504)		Other Profile Factors
		.0503 Texture	.0503 Structure	.0503 Mineralogy	Soil Matrix	Soil Mottle	
1	0-30	LS Vfr	G	NSNP	2.5y 7/3		.0502 Landscape <u>LL21'</u>
	30-48	SL Vfr	G	NSNP	10yr 4/3		.0504 Wetness Condition <u>>48"</u>
							.0505 Soil Depth
							.0507 Restrictive Horizon
							.0509 Profile Classification
							Profile LTAR <u>(.8)</u>
2	0-28	LS Vfr	G	NSNP	2.5y 7/3		.0502 Landscape <u>LL21'</u>
	28-36	SL Vfr	G	NSNP	10yr 4/3		.0504 Wetness Condition <u>36"</u>
	36-48	SL Vfr	G	NSNP	10yr 4/3	7/2	.0505 Soil Depth
							.0507 Restrictive Horizon
							.0509 Profile Classification
							Profile LTAR <u>(.8)</u>
3	0-30	LS Vfr	G	NSNP	2.5y 7/3		.0502 Landscape <u>LL21'</u>
	30-48	SL Vfr	G	NSNP	10yr 4/3		.0504 Wetness Condition <u>>48"</u>
							.0505 Soil Depth
							.0507 Restrictive Horizon
							.0509 Profile Classification
							Profile LTAR <u>(.8)</u>
							.0502 Landscape
							.0504 Wetness Condition
							.0505 Soil Depth
							.0507 Restrictive Horizon
							.0509 Profile Classification
							Profile LTAR

Available Space (.0508): 30'x50' Site Classification (0509): S
System Type(s): _____ Site Long-Term Acceptance Rate(s): _____ Maximum Trench Depth: 24"
Evaluated By: AS Other(s) Present: _____
Comments: _____

Legend
Use of the following abbreviations

Landscape Position	Clay Mineralogy	Structure Grade
CC (concave slope)	SEXP (slightly expansive)	w (weak)
CV (convex slope)	EXP (expansive)	m (moderate)
D (drainage way)		s (strong)
DS (debris slump)		
FP (flood plain)	Soil Consistence	Structure
FS (foot slope)	VfFr (very friable)	G (grain)
H (head slope)	Fr (friable)	Cr (crumb)
L (linear slope)	Fi (firm)	Gr (granular)
N (nose slope)	Vfi (very firm)	SBK (subangular blocky)
R (ridge)	Efi (extremely firm)	ABK (angular blocky)
S (shoulder slope)	NS (non-sticky)	PL (platy)
T (terrace)	SS (slightly sticky)	PR (prismatic)
TS (toe slope)	S (sticky)	M (massive)
	VS (very sticky)	
	NP (non-plastic)	
	SP (slightly plastic)	
	P (plastic)	
	VP (very plastic)	

Group	Soil Texture	Conventional LTAR	LPP LTAR
I	S (sand)	1.2 - 0.8	0.6 - 0.4
	LS (loamy sand)		
II	SL (sandy loam)	0.8 - 0.6	0.4 - 0.3
	L (loam)		
III	SCL (sandy clay loam)	0.6 - 0.3	0.3 - 0.15
	CL (clay loam)		
	SiCL (silty clay loam)		
	Si (silt)		
IV	SC (sandy clay)	0.4 - 0.1	0.2 - 0.05
	SiC (silty clay)		
	C (clay)		
	O (organic)		

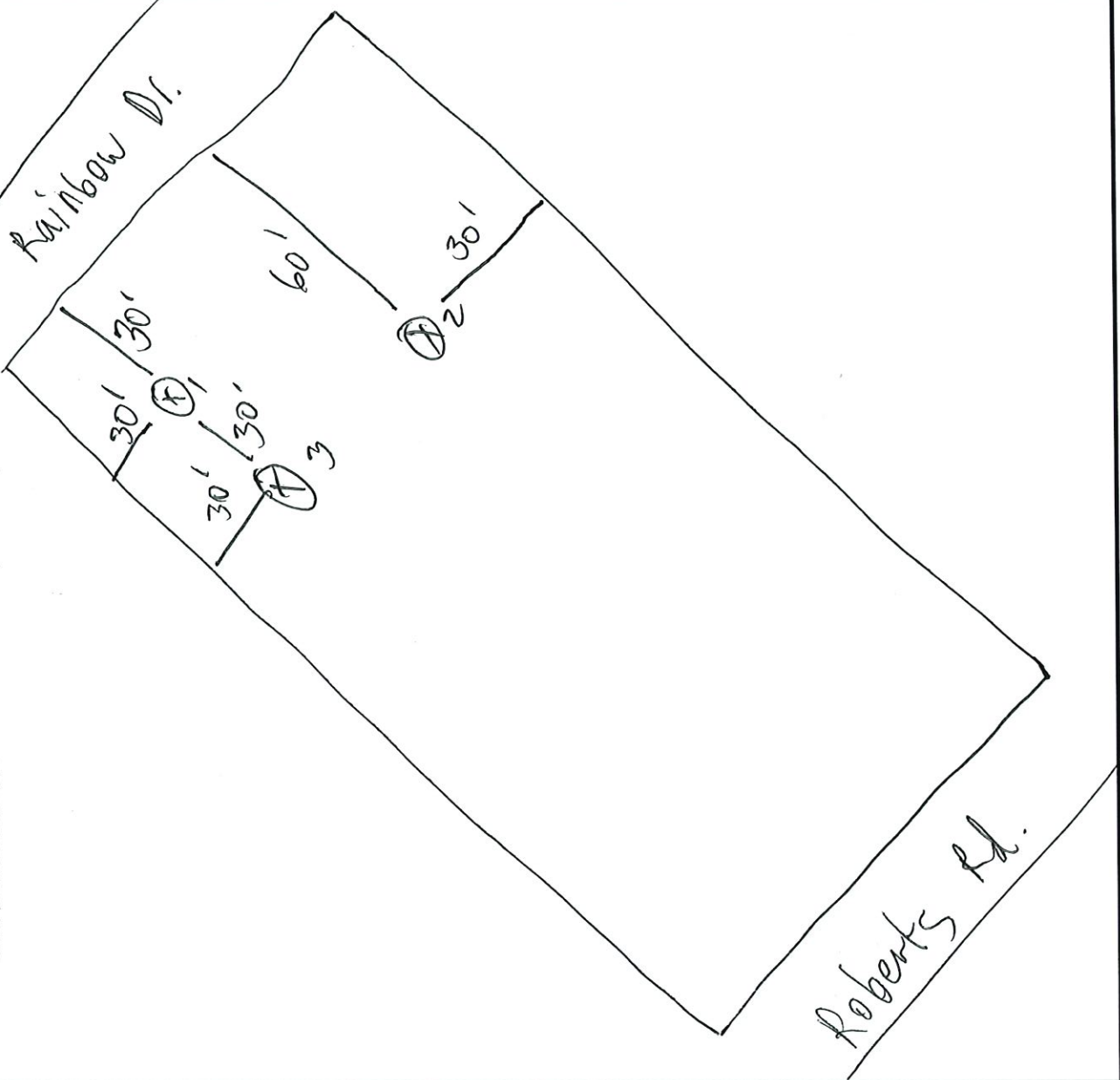
Notes
 Horizon depth in inches below natural soil surface
 Depth to fill in inches from land surface
 Restrictive thickness and depth from land surface
 Horizons S (suitable) or U (unsuitable)
 Soil Wetness inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip
 S (suitable), PS (provisionally suitable), or U (unsuitable)

Well Location Investigation: (note adjacent properties and locate wells, make a small inset drawing indicating properties surrounding evaluated property, if properties are not developed locate any files pertaining to adjacent properties and note setback requirements)
 List Adjacent Lot Permit Numbers Here:

_____ | _____ | _____ | _____ | _____ | _____

Required Setbacks: Property Lines: _____ SA Waters: _____ Ponds: _____ Streams: _____ Embankments: _____
 Well Sufficient to Install: _____
 Drainage Features: Type: _____ Setback: _____
 Noted location of existing water lines on adjacent properties and possible location for water line on this property: _____

Show profile location(s) and other site features (dimensions, reference or benchmark, and north arrow)



Roberts Rd.

Rainbow Dr.