

HTE# 18-5-44239

Harnett County Department of Public Health

30080

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Gregory & Robyn Smith

PROPERTY LOCATION: Cedar Rock Trl (Cokesburg Rd.) S21403

NEW REPAIR EXPANSION

SUBDIVISION Cedar Rock Trail LOT # 1

Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: 4BR 53'x44' SFD

Proposed Wastewater System Type: 25% Reduction Sys.

Projected Daily Flow: 480 GPD

Number of bedrooms: 4 Number of Occupants: 8 max

Basement Yes No

Pump Required: Yes No May be required based on final location and elevations of facilities

Type of Water Supply: Community Public Well Distance from well 100+ feet

Permit valid for: Five years

Permit conditions:

No expiration

Authorized State Agent: [Signature]

Date: 06/29/2018

SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. 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 the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: Gregory & Robyn Smith

PROPERTY LOCATION: Cedar Rock Trl (Cokesburg Rd.) S21403

Facility Type: 4BR 53.4'x44' SFD New Expansion Repair

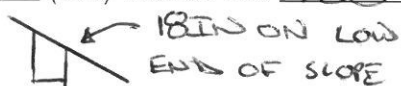
SUBDIVISION Cedar Rock Trail LOT # 1

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 480 GPD

(See note below, if applicable)

25% Reduction Sys. (Repair)



Installation Requirements/Conditions

Septic Tank Size 1250 gallons

Number of trenches 5

Pump Tank Size _____ gallons

Exact length of each trench 70 feet

Trenches shall be installed on contour at a

Maximum Trench Depth of: 18 inches

(Trench bottoms shall be level to +/-1/4"

in all directions)

Trench Spacing: 9 Feet on Center

Soil Cover: 6 inches

(Maximum soil cover shall not exceed

36" above the trench bottom)

Pump Requirements: _____ ft. TDH vs. _____ GPM

NA inches below pipe

Aggregate Depth: NA inches above pipe

NA inches total

Conditions: On Contour D-Box Equal Distribution Required

WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.

NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: _____

Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This

Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature]

Date: 06/29/2018

ANDREW WRAV Construction Authorization Expiration Date: 06/29/2023

HTE# 18-5-44239

Permit # 30080

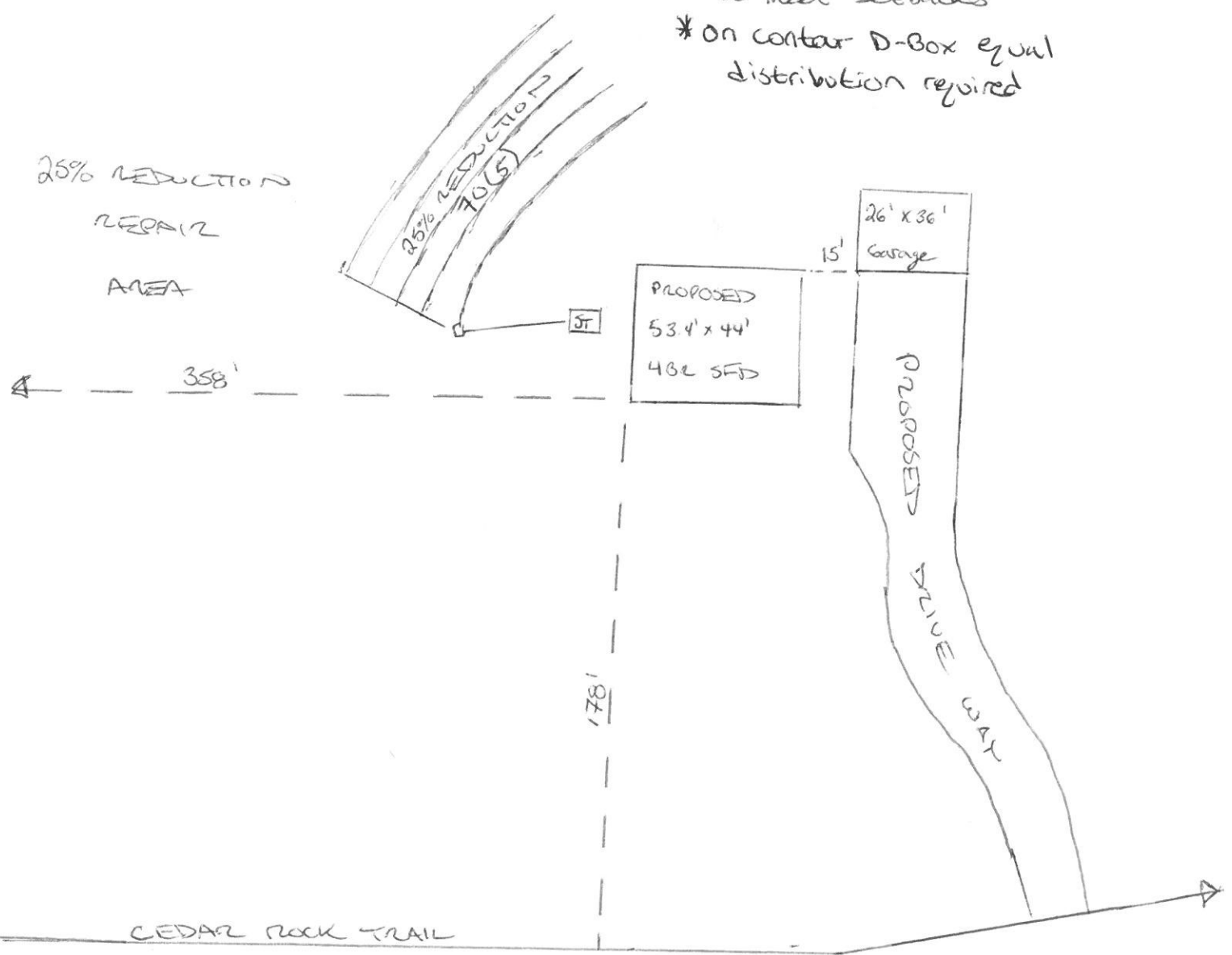
Harnett County Department of Public Health Site Sketch

SA 1403

ISSUED TO: Gregory & Robyn Smith PROPERTY LOCATOR: Cedar Rock Tr-1 (Covington Rd.)
SUBDIVISION Cedar Rock Trail LOT # 1

Authorized State Agent: [Signature] Date: 06/29/2018
ANDREW WRAIN

- * Meet onsite prior to install
- * Future pools/sheds/buildings shall be marked onsite at install to meet setbacks
- * On contour D-Box equal distribution required



**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: — Applicant: Gregory & Robyn Smith
 Address: Cedar Rock Trl Lot 1 Date Evaluated: 06/25/2016
 Proposed Facility: 432 SFS Design Flow (.1949): 480 GPD Property Size: 1605 AC
 Location of Site: Property Recorded: Y03
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1,4	RG 4%	0-12	GL SL	VRL NSM Rsp					
		12-24	GL SLL	FI SSP Rsp					U/S
		24+	Supelite	—		24			0.35
3,5	L 6-10%	0-14	GL LS	VRL NSM Rsp					
		14-30	GL SLL	FI SSP Rsp					P3
		30+	Supelite	—		30			0.35
2	L 6-10%	0-12	GL SL	VRL NSM Rsp					
		12-26	GL SLL	FI SSP Rsp					
		26+	Supelite	—		26			U/S
*Unable to verify supelite w/o backhoe pits									
A	L 6-10%	0-12	GL LS	VRL NSM Rsp					P3
		12-42	GL C	FI SSP Rsp	Supelite @ 42" 50%+ 42				0.35
B	L 6-10%	0-12	GL LS	VRL NSM Rsp					
		12-32	GL C	FI SP Rsp					P3
		32+	Supelite	—	Supelite @ 32" 50%+ 32				0.35
*Supelite present @ 24" Not 50% until 32-42 IN Load by Clay LTAR									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948):
System Type(s)	25/0 MC	25/0 MC	Evaluated By:
Site LTAR	0.35	0.35	Others Present:

PITS