

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

Owner: Applicant: **Potter Bv: H Homes LLC**
 Address: **285 Deer Tail LN** Date Evaluated: **8-23-23**
 Proposed Facility: **SFD 71' x 66'** Design Flow (.1949): **480**
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:
 Spring Other
 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	5%	0-9	SL	vs, gc, NS, NP					
		9-13	SCL	FJ, SBK, S, P					
		15-40	Clay	FJ, LBK, S, P	38"	40"			.3
2	5%	0-6	SL	vs, gc, NS, NP					
		6-8	SCL	FJ, SBK, S, P					
		8-48	Clay	FJ, SBK, S, P	46"	48"	Sap + 46"		.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): S Evaluated By: JM/RL Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	25% Red	25% Red	
Site LTAR	.3	.3	

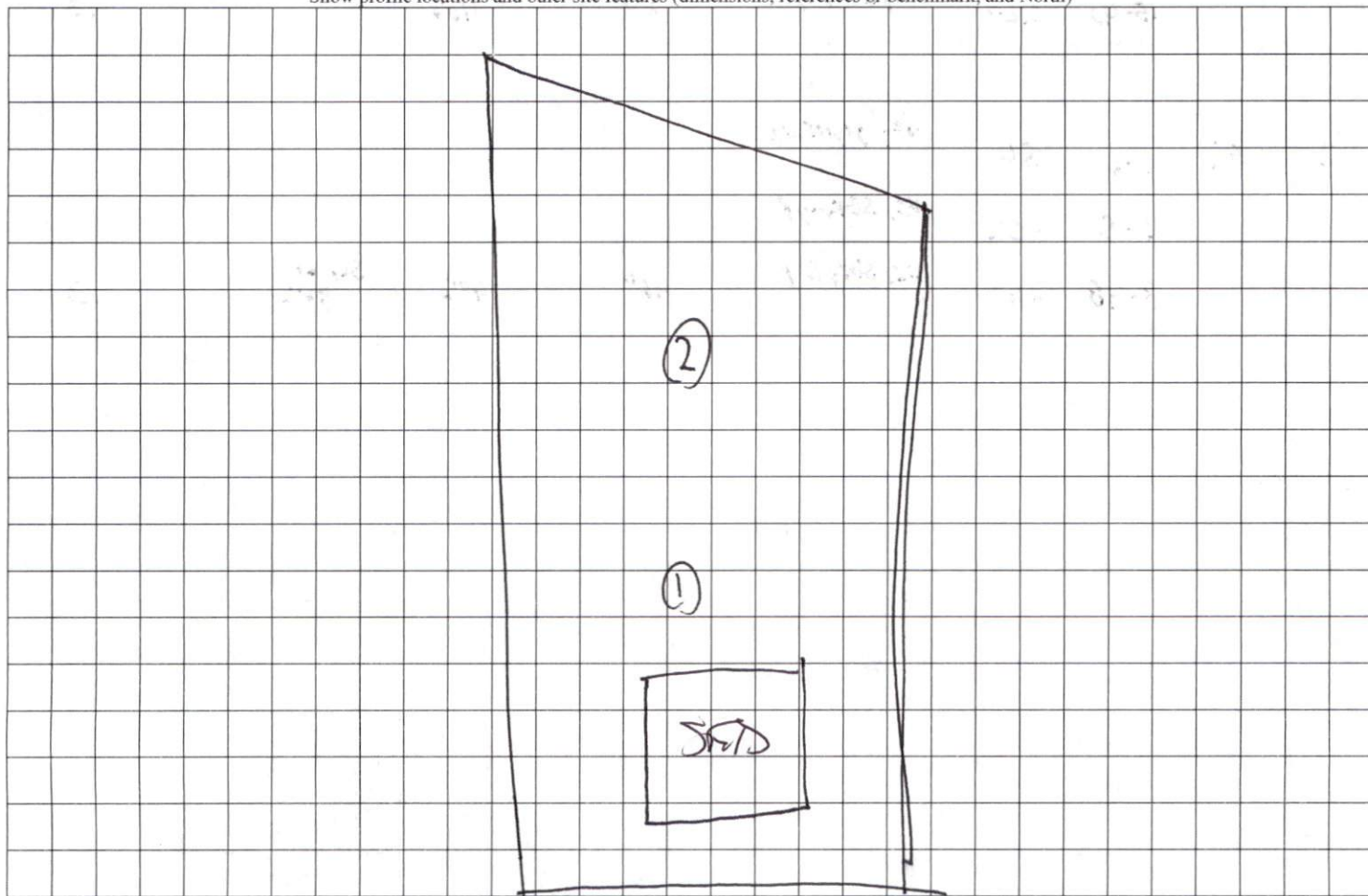
COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3		NP-NON-PLASTIC SP-SLIGHTLY STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		P-PLASTIC VP-VERY PLASTIC
FP-FLOOD PLAN		C-CLAY SC-SANDY CLAY			

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



STREET

REFERENCES: DEED BOOK 3912, PAGE 977
 PLAT BOOK 2023, PGS. 200-207 (LOT 43)
 PROPERTY ADDRESS: 285 DEER TAIL LANE
 FUQUAY VARINA, N.C. 27526
 ALL DISTANCES SHOWN HEREON ARE U.S. SURVEY
 FEET HORIZONTAL GROUND MEASUREMENTS.
 AREA BY THE D.M.D. METHOD
 7,000 SQ. FT. MAXIMUM IMPERVIOUS ALLOWED.

**OPEN SPACE
 COTTON FARMS
 Phase 1**
 P.B. 2023, PGS. 200-207

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Handwritten notes: 1 L 50' 0" SL, 9-15 SL, 15-40 CHAY

Handwritten notes: 2 L 50' 0" 6 SL, 6-8 SL, 48' CHAY, 50' SAP, 52' 0", 5x53' LINES

(44)

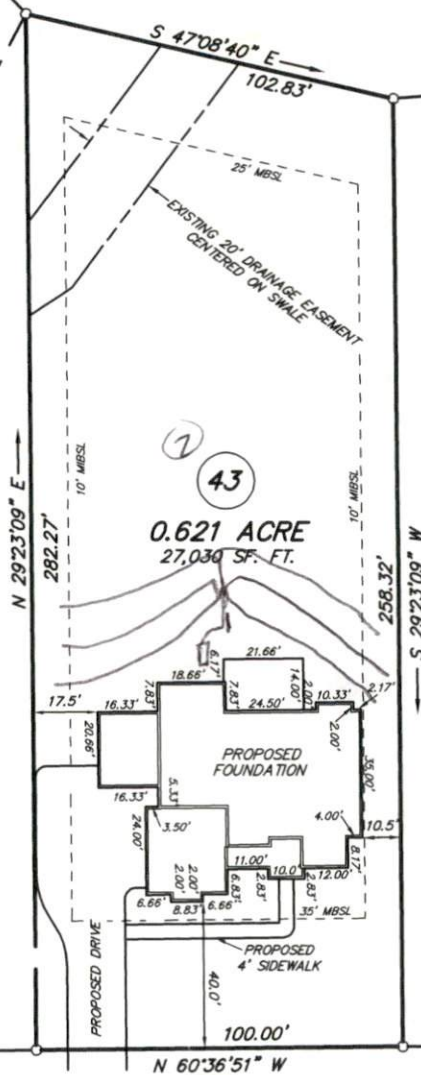
0.621 ACRE
 27,030 SF. FT.

(42)

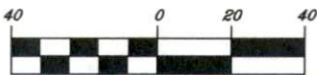
**COTTON FARMS
 Phase 1**
 P.B. 2023, PGS. 200-207

PRELIMINARY

THIS IS A PRELIMINARY DRAWING
 AND IS NOT TO BE USED AS A
 SURVEY OR TO TRANSFER ANY
 PROPERTY SHOWN HEREON.



DEER TAIL LANE
 (50' PUBLIC R/W & UTILITY)



(U.S. SURVEY FEET)
 1 inch = 40 ft.

IMPERVIOUS SURFACE SUMMARY	
PROPOSED DWELLING & PORCHES	3,431 SQ. FT.
PROPOSED CONCRETE DRIVE & WALK	1,942 SQ. FT.
TOTAL PROPOSED IMPERVIOUS AREA =	5,373 SQ. FT.
5,373 SQ. FT. DIVIDED BY 7,000 SQ. FT. = 76.7% OF PROPOSED IMPERVIOUS AREA ALLOWED	

HARNETT COUNTY ZONE: RA-30	
MINIMUM BUILDING SETBACKS	
SINGLE FAMILY RESIDENTIAL	
FRONT	35'
REAR	25'
SIDE	10'
CORNER SIDE	20'

- LEGEND:
- SURVEYED LINE
 - - - RIGHT-OF-WAY LINE
 - UNSURVEYED LINE
 - EIP = EXISTING IRON PIPE
 - IRON FOUND UNLESS OTHERWISE NOTED
 - MBSL = MINIMUM BUILDING SETBACK LINE
 - R/W = RIGHT OF WAY

SURVEY & MAP BY
BOBBY FUQUAY and ASSOCIATES
 6525 MAL WEATHERS RD., RALEIGH N.C., 27603
 (919) 880-3309

PLAN RYLEIGH

**SITE PLAN FOR
 PORTER BUILT HOMES**

HECTORS CREEK TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA

PIN: 0643-37-4114.000	SCALE: 1" = 40'
DATE: 06-12-2023	DRAWING: 202330