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PROPERTY ID #:	SFD 2401 - 0072
COUNTY	

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

(Complete all fields in full) DATE EVALUATED: 2-7-24 OWNER: Cumberland Homes ADDRESS: 25 Prescher LN
PROPOSED FACILITY: 5-7 46 x 61.8 PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: LOCATION OF SITE: PROPERTY RECORDED: WATER SUPPLY: Public Single Family Well Shared Well Spring WATER SUPPLY SETBACK: Other **EVALUATION METHOD:** Auger Boring Pit TYPE OF WASTEWATER: Domestic High Strength **IPWW** Cut R OTHER PROFILE FACTORS SOIL MORPHOLOGY 0 F L .0509 .0503 .0502 .0504 E LANDSCAPE HORIZON .0503 SOIL .0505 **PROFILE** SLOPE .0506 .0507 .0503 SAPRO CORRE POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL RESTR CLASS **SLOPE %** (IN.) **TEXTURE** MINERALOGY COLOR DEPTH CLASS HORIZ & LTAR\* CTION 2-3./ 0-13 LS 13-36 2-3% 0-16 45 16-36 48" .35 3 4

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509): PS
System Type(s)	25%. RED	25%. Red	EVALUATED BY: REJJM
Site LTAR	. 35	,33	OTHER(S) PRESENT:
Maximum Trench Depth	1811-271	18"-22"	
Comments:			

## **LEGEND**

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)		LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.6	- 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	'	LS (Loamy sand)	0.8 - 1.2	0.5	5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	. 11	SL (Sandy loam)	0.6 - 0.8	0.4	1-0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2	- 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		SiL (Silt loam)	0.3 - 0.6	0.1	0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05	0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)					EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)						P (Plastic)	
R (Ridge/summit)		Si (Silt)		None	one			VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	_			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)					EXP (Expansive)		
TS (Toe Slope)		C (Clay)							-
		O (Organic)	None						

<sup>\*</sup> Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface

RESTRICTIVE HORIZON

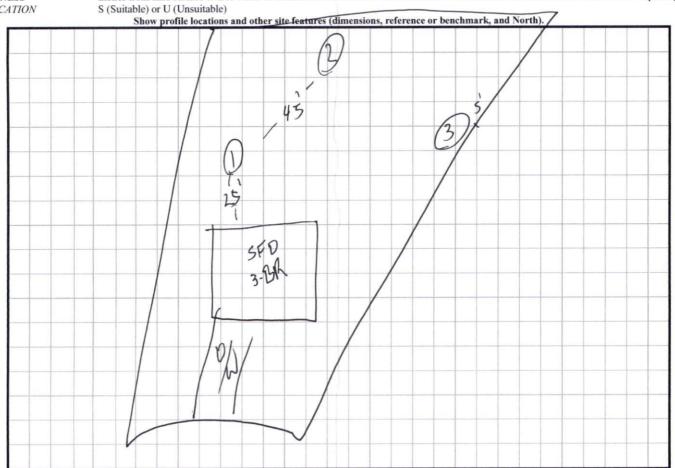
In inches from land surface Thickness and depth from land surface

SAPROLITE

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation SOIL WETNESS

CLASSIFICATION



<sup>\*\*</sup>Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.