

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Stancil Builders Inc DATE EVALUATED: 1-22-24
 ADDRESS: 22 Avents creek
 PROPOSED FACILITY: SFD 50 x 71' PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: _____
 LOCATION OF SITE: _____ PROPERTY RECORDED: _____
 WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: _____
 EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW

P R O F I L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
1	1-2% LS	0-17	SL, g ^r	Fr, NS, NP, SE	7.5/R 5/8 7/1 = 38"	48"	43"	.35	2 2	
		17-38	SCL, SBK	Fr, SS, BP, SE						
		38-48	CL / Saprolite w/ SBK	Fr, SS, NP, SE						
2, 4	1-2% LS	0-15	SL, g ^r	Fr, NS, NP, SE	7.5/R 5/8 7/1 = 30"	48"	36"	.35	2 2	
		15-30	SCL, SBK	Fr, SS, NP, SE						
		30-48	CL, w/ SBK/Sap	Fr, SS, NP, SE						
3	2-3% LS	0-8	SL, g ^r	Fr, NS, NP, SE	7.5/R 5/8 7/1 = 24"	48"	24"	.3	2 2	
		8-24	SCL, SBK	Fr, SS, BP, SE						
		24-48	CL, w/ SBK/Sap	Fr, SS, NP, SE						
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>PS</u> EVALUATED BY: <u>RL/JM</u> OTHER(S) PRESENT: _____
Available Space (.0508)			
System Type(s)	<u>25%</u>	<u>25%</u>	
Site LTAR	<u>.35</u>	<u>.35</u>	
Maximum Trench Depth	<u>18-20"</u>	<u>18-20"</u>	

Comments: _____

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft ²)	SAPROLITE LTAR (gpd/ft ²)	LPP LTAR (gpd/ft ²)	MINERALOGY/ CONSISTENCE		STRUCTURE		
						MOIST	WET			
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 - 0.6	Moist	Wet	SG (Single grain)		
CV (Convex Slope)		LS (Loamy sand)		0.5 - 0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)		
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 - 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)	III	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)		None		None	None	EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)						P (Plastic)		
R (Ridge/summit)		Si (Silt)							VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4	0.05 - 0.2	SEXP (Slightly expansive)					
T (Terrace)		SiC (Silty clay)			EXP (Expansive)					
TS (Toe Slope)		C (Clay)								
		O (Organic)	None							

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

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

HORIZON DEPTH In inches below natural soil surface

DEPTH OF FILL In inches from land surface

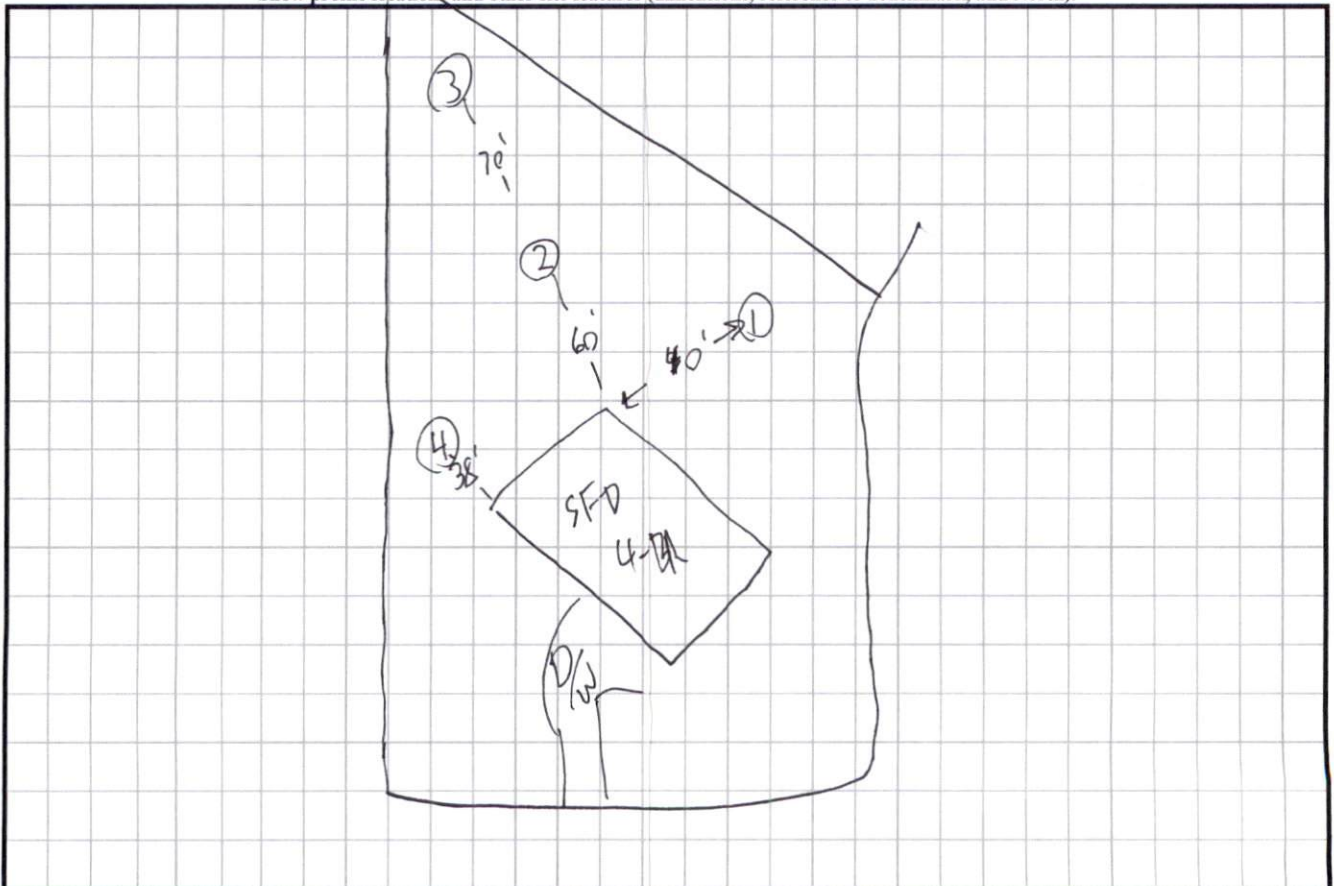
RESTRICTIVE HORIZON Thickness and depth from land surface

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

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 designation

CLASSIFICATION S (Suitable) or U (Unsuitable)

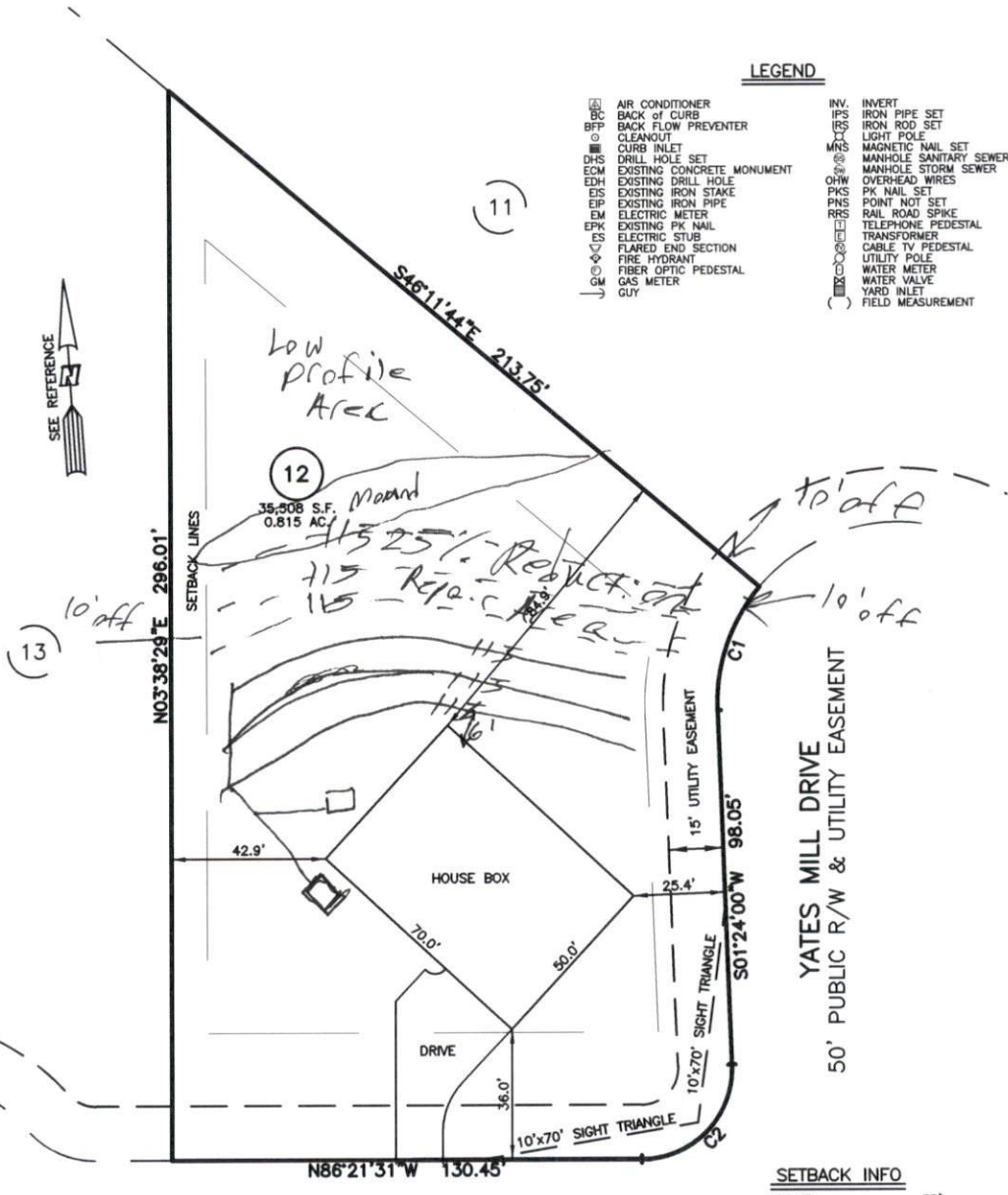
Show profile locations and other site features (dimensions, reference or benchmark, and North).



NEW HOME, INC.
 AVENTS CREEK WAY
 LOT 12, WOODBRIDGE SOUTH
 BUCKHORN TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA

LEGEND

- | | | | |
|-----|----------------------------|------|------------------------|
| ⊠ | AIR CONDITIONER | INV | INVERT |
| BC | BACK OF CURB | IRPS | IRON PIPE SET |
| BFP | BACK FLOW PREVENTER | IRSD | IRON ROD SET |
| ○ | CLEANOUT | LP | LIGHT POLE |
| ■ | CURB INLET | MNS | MAGNETIC NAIL SET |
| DHS | DRILL HOLE SET | MS | MANHOLE SANITARY SEWER |
| ECM | EXISTING CONCRETE MONUMENT | MSW | MANHOLE STORM SEWER |
| EDH | EXISTING DRILL HOLE | OW | OVERHEAD WIRES |
| EIS | EXISTING IRON STAKE | PKS | PK NAIL SET |
| EIP | EXISTING IRON PIPE | PNS | POINT NOT SET |
| EM | ELECTRIC METER | RRS | RAIL ROAD SPIKE |
| EPK | EXISTING PK NAIL | TP | TELEPHONE PEDESTAL |
| ES | ELECTRIC STUB | TR | TRANSFORMER |
| ▽ | FLARED END SECTION | UT | CABLE TV PEDESTAL |
| ⊕ | FIRE HYDRANT | UP | UTILITY POLE |
| ⊙ | FIBER OPTIC PEDESTAL | WM | WATER METER |
| GM | GAS METER | YI | YARD INLET |
| → | GUY | () | FIELD MEASUREMENT |



AVENTS CREEK WAY
 50' PUBLIC R/W & UTILITY EASEMENT

SETBACK INFO

- FRONT: 35'
- REAR: 25'
- SIDES: 10'
- CORNER SIDE: 20'

REFERENCES:

P.B. 2023, PGS 92-94



NOTES

SCALE: 1" = 40'

1. THIS SURVEY SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
2. THIS MAP MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS.

FOR REPRESENTATIVE PURPOSES ONLY
 NOT FOR PERMITTING, RECORDATION,
 CONVEYANCE OR SALES

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	50.00'	37.00'	36.17'	N22°36'08" E	42°24'16"
C2	25.00'	40.25'	36.04'	N47°31'14" E	92°14'29"

HOUSE FIT
 ONLY

DATE: DEC. 6, 2023

F.B. _____

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