

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Stancil Builders Inc DATE EVALUATED: 1-17-23
 ADDRESS: 20 Yates Mill Dr
 PROPOSED FACILITY: SFD 50' x 70' 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*	.0502(d) SLOPE CORRE CTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
12	2-3% LS	0-13	SL, gr	Fr, NS, NP, SE	7.7 YR 5/8 7/1 = 34"	48"			.4	
		13-34	SCL, SOK	Fr, SS, NP, SE						
		34-48	CL, wk SOK	Fr, SS, NP, SE						
3	3-4% LS	0-13	SL, gr	Fr, NS, NP, SE	7.3 YR 5/8 7/1 = 36"	48"		Water table at 40"	.4	
		13-36	SCL, SOK	Fr, SS, NP, SE						
		36-48	CL, wk SOK	Fr, SS, NP, SE						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>PS</u> EVALUATED BY: <u>RL/jm</u> OTHER(S) PRESENT: _____
Available Space (.0508)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% Red</u>	<u>50% Red</u>	
Site LTAR	<u>.4</u>	<u>.4</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		0.05 - 0.2	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.

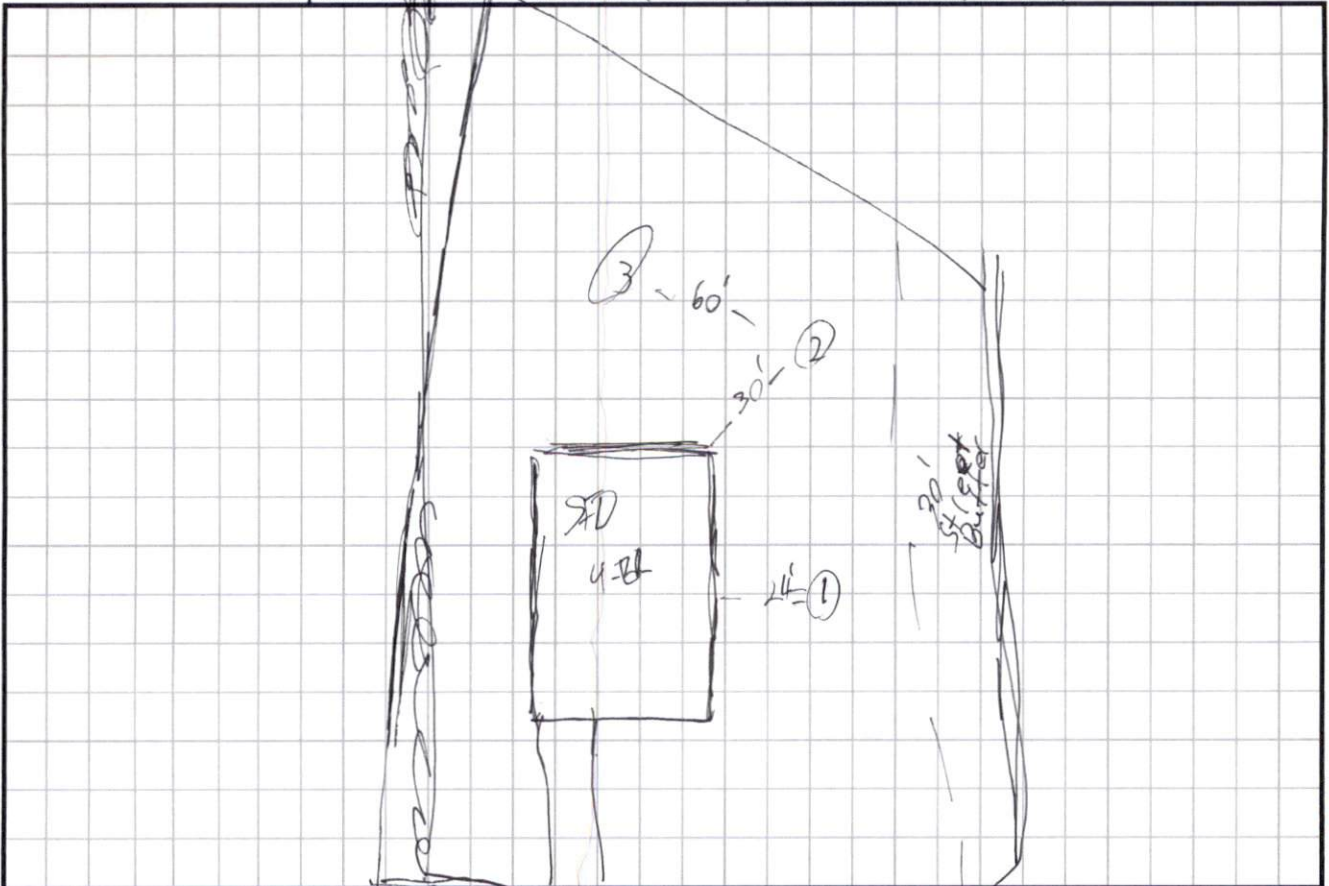
SOIL WETNESS

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)

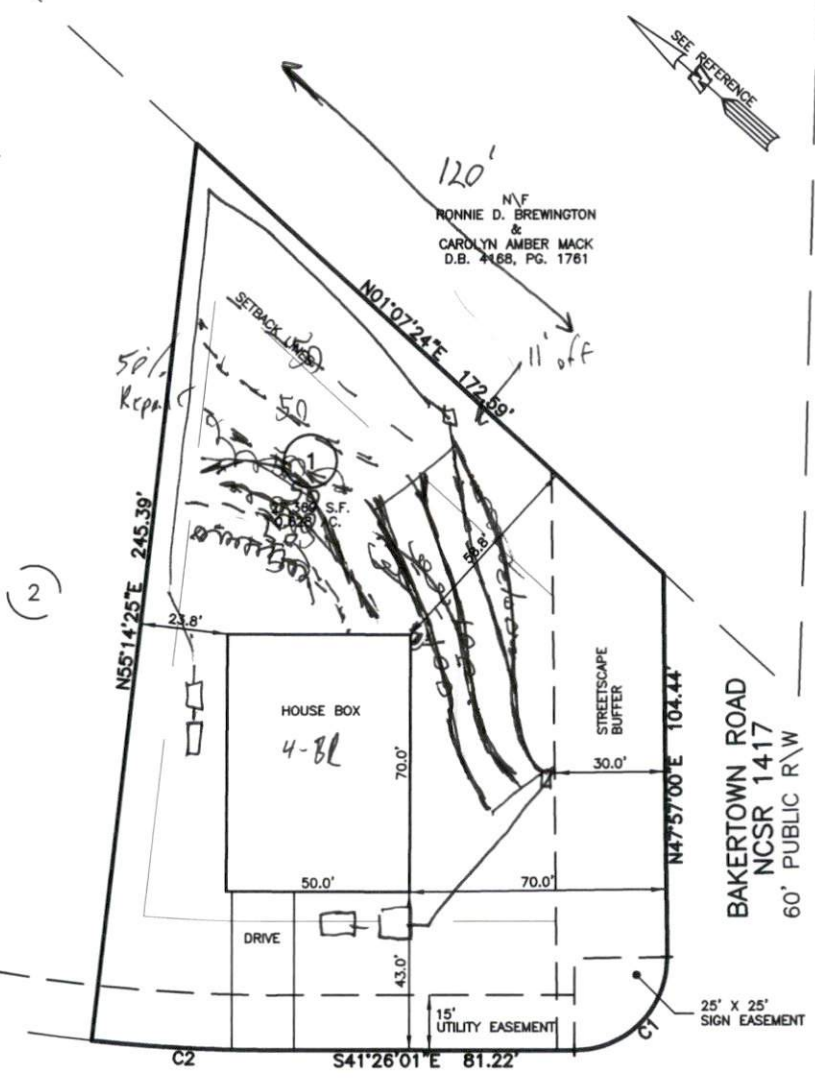
Show profile locations and other site features (dimensions, reference or benchmark, and North).



NEW HOME INC., LLC
 20 YATES MILL DRIVE
 LOT 1, WOODBRIDGE SOUTH
 BUCKHORN TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA

LEGEND

- AIR CONDITIONER
- BC BACK OF CURB
- BFP BACK FLOW PREVENTER
- CLEANOUT
- CURB INLET
- DHS DRILL HOLE SET
- ECM EXISTING CONCRETE MONUMENT
- EDH EXISTING DRILL HOLE
- EIS EXISTING IRON STAKE
- EIP EXISTING IRON PIPE
- EM ELECTRIC METER
- EPK EXISTING PK NAIL
- ES ELECTRIC STUB
- ▽ FLARED END SECTION
- ◇ FIRE HYDRANT
- FIBER OPTIC PEDESTAL
- GM GAS METER
- GUY
- INV INVERT
- IPS IRON PIPE SET
- IRS IRON ROD SET
- LIGHT POLE
- MNS MAGNETIC NAIL SET
- MANHOLE SANITARY SEWER
- MANHOLE STORM SEWER
- OHW OVERHEAD WIRES
- PKS PK NAIL SET
- PNS POINT NOT SET
- RRS RAIL ROAD SPIKE
- TELEPHONE PEDESTAL
- TRANSFORMER
- CABLE TV PEDESTAL
- UTILITY POLE
- WATER METER
- WATER VALVE
- YARD INLET
- () FIELD MEASUREMENT



(2)

YATES MILL DRIVE
 50' PUBLIC R/W & UTILITY EASEMENT

NUM	RADIUS	ARC	DELTA	CHORD BRG	CHORD
C1	25.00'	39.54'	90°37'00"	N86°44'31"W	35.55'
C2	475.00'	50.65'	6°06'34"	S38°22'44"E	50.63'

REFERENCES:
 P.B. 2023, PGS 92-94

SETBACK INFO
 FRONT: 35'
 REAR: 25'
 SIDES: 10'
 CORNER SIDE: 20'



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

- NOTES**
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.

HOUSE FIT
 ONLY

DATE: DEC. 06, 2023
 F.B. _____

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