

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM
 (Complete all fields in full)

OWNER: Steel Builders INC DATE EVALUATED: 1-19-24
 ADDRESS: 284 Yates Mill Rd
 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*	.0503 SLOPE CORRE CTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
1, 2	2-3% LS	0-21	SL, gr	Fi, NS, NP, SE					.4	
		21-38	SCL, SBK	Fi, SS, NP, SE	7.5/R 5/4					
		38-48	CL, ^{W/K} SBK	Fi, SS, NP, SE	7/2 = 38"	48"				
3 4	2-3% LS	0-27	SL, gr	Fi, NS, NP, SE					.4	
		27-36	SCL, SBK	Fi, SS, NP, SE	7.5/R 5/4					
		36-48	CL, ^{W/K} SBK	Fi, SS, NP, SE	7/2 = 36"	48"				
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): _____ EVALUATED BY: _____ OTHER(S) PRESENT: _____
Available Space (.0508)			
System Type(s)			
Site LTAR			
Maximum Trench Depth			
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	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)		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						

* 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

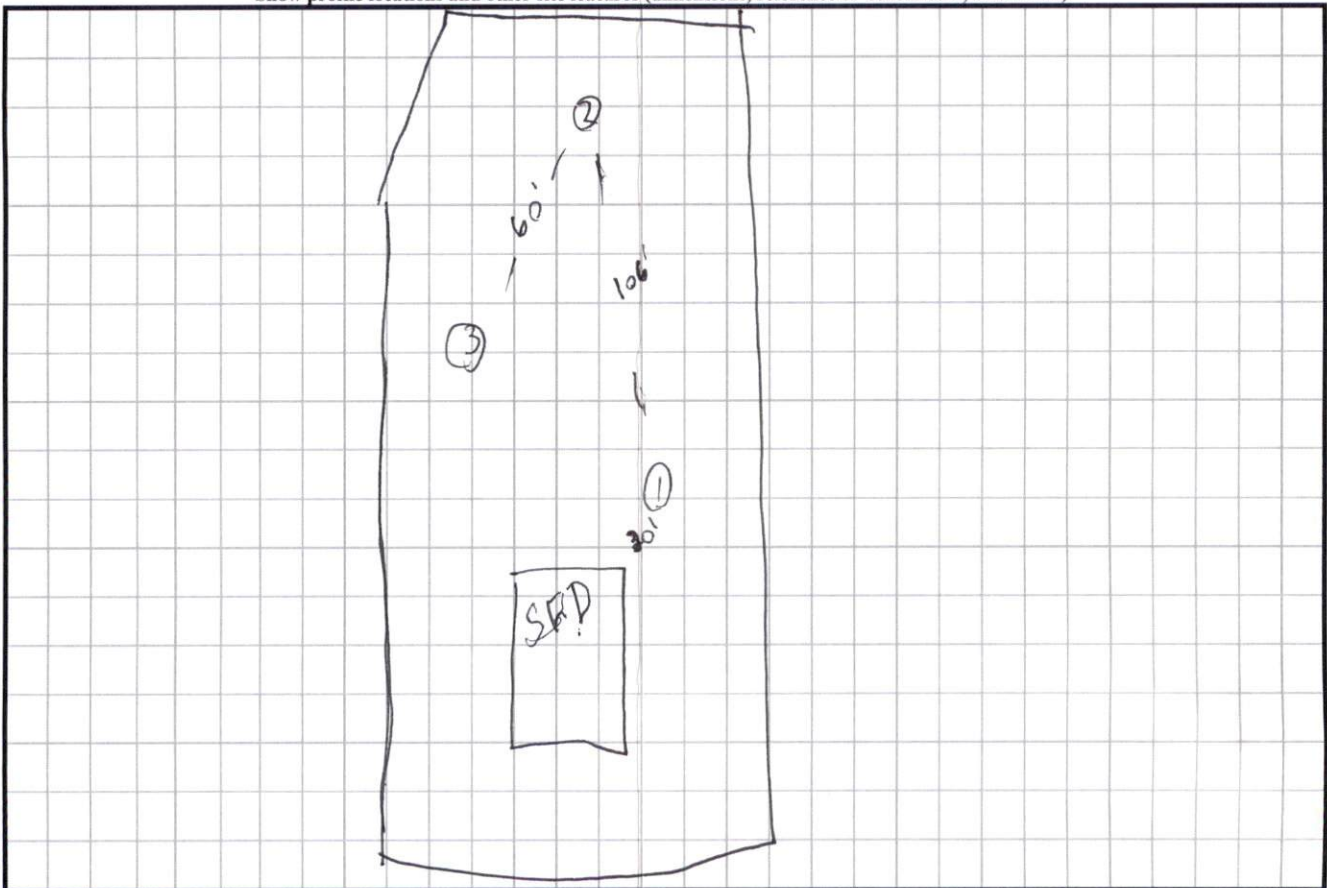
RESTRICTIVE HORIZON Thickness and depth from land surface

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

SOIL WETNESS CLASSIFICATION 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

S (Suitable) or U (Unsuitable)

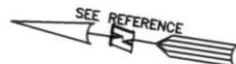
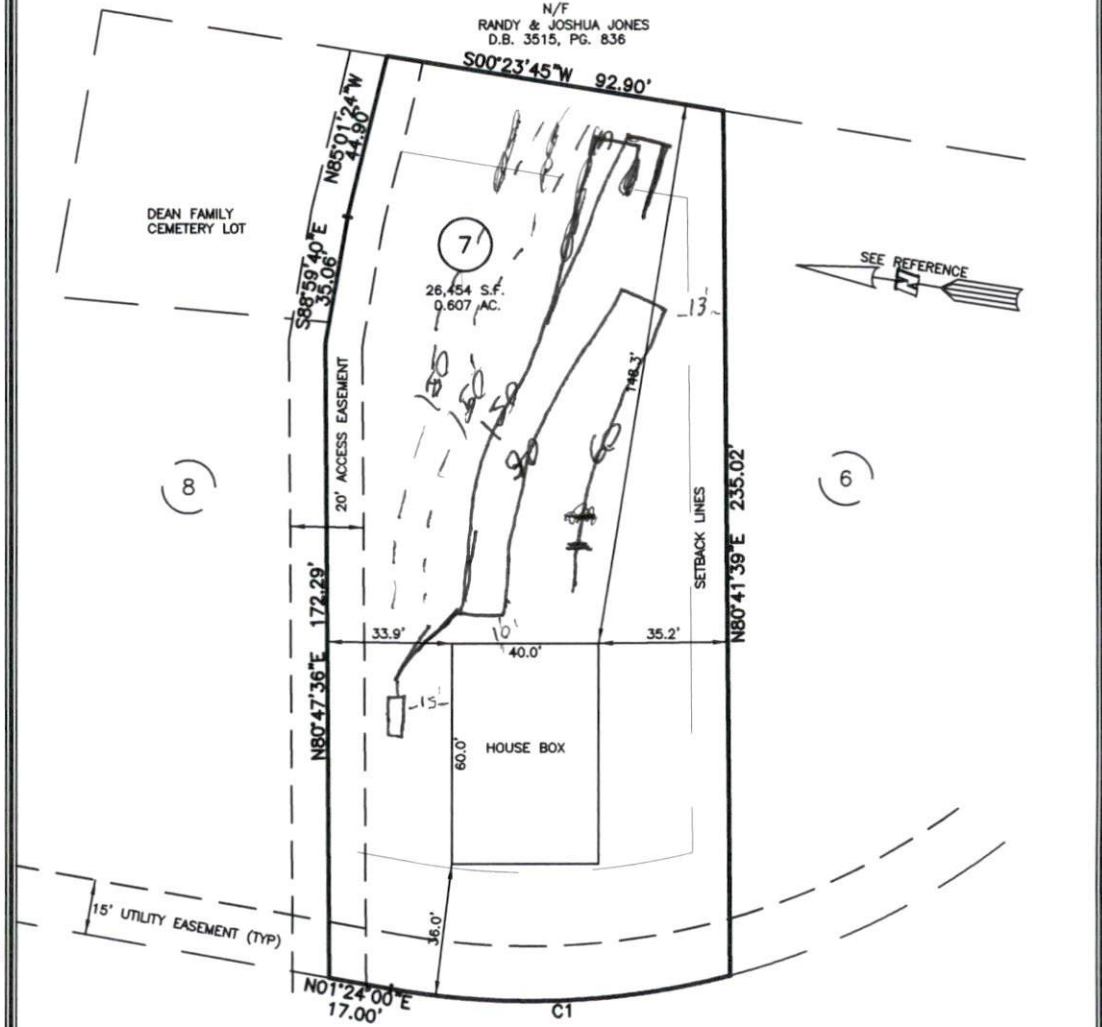
Show profile locations and other site features (dimensions, reference or benchmark, and North).



YAESY m. 11 DC

NEW HOME, INC.
 284 YATES MILL DRIVE
 LOT 7, WOODBRIDGE SOUTH
 BUCKHORN TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA

N/F
 RANDY & JOSHUA JONES
 D.B. 3515, PG. 836



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

LEGEND

- | | | | |
|-----|----------------------------|-----|------------------------|
| AC | AIR CONDITIONER | INV | INVERT |
| BC | BACK OF CURB | IPS | IRON PIPE SET |
| BFP | BACK FLOW PREVENTER | IRS | IRON ROD SET |
| C | CLEANOUT | L | LIGHT POLE |
| CI | CURB INLET | MNS | MAGNETIC NAIL SET |
| DHS | DRILL HOLE SET | MNS | MANHOLE SANITARY SEWER |
| ECM | EXISTING CONCRETE MONUMENT | MNS | MANHOLE STORM SEWER |
| EDH | EXISTING DRILL HOLE | OHW | 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 |
| FS | FLARED END SECTION | UT | UTILITY POLE |
| FH | FIRE HYDRANT | WM | WATER METER |
| FP | FIBER OPTIC PEDESTAL | WV | WATER VALVE |
| GM | GAS METER | YI | YARD INLET |
| GLY | GLY | | |

NUM	RADIUS	ARC	DELTA	CHORD BRG	CHORD
C1	215.00'	93.30'	24°51'46"	S11°01'53"E	92.57'

REFERENCES:

P.B. 2023, PGS 92-94

SETBACK INFO

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



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.

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

HOUSE FIT
 ONLY

DATE: NOV. 7, 2023
 F.B. _____

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