

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

OWNER: New Home Inc DATE EVALUATED: 12-14-24  
 ADDRESS: 113 Eagle Crest Ct  
 PROPOSED FACILITY: Sep 30' 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	2-3% LS	0-38	L, gr	Fr, NS, NP, SE	7.5 yr 5/8" 7/2- 40"	48"			.4	
		38-40	SCL, SBK	Fr, SS, NP, SE						
		40-48	CL, v <sup>h</sup> SBK	Fr, SS, NP, SE						
2 3 4	2-3% LS	0-23	S, gr	Fr, NS, NP, SE	7.5 yr 5/8" 7/2 40"-42"	48"			.4-.35	
		23-40	SCL, SBK	Fr, SS, NP, SE						
		40-48	CL, v <sup>h</sup> SBK	Fr, SS, NP, SE						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>S</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>25% Red</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 <sup>2</sup> )	SAPROLITE LTAR (gpd/ft <sup>2</sup> )	LPP LTAR (gpd/ft <sup>2</sup> )	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

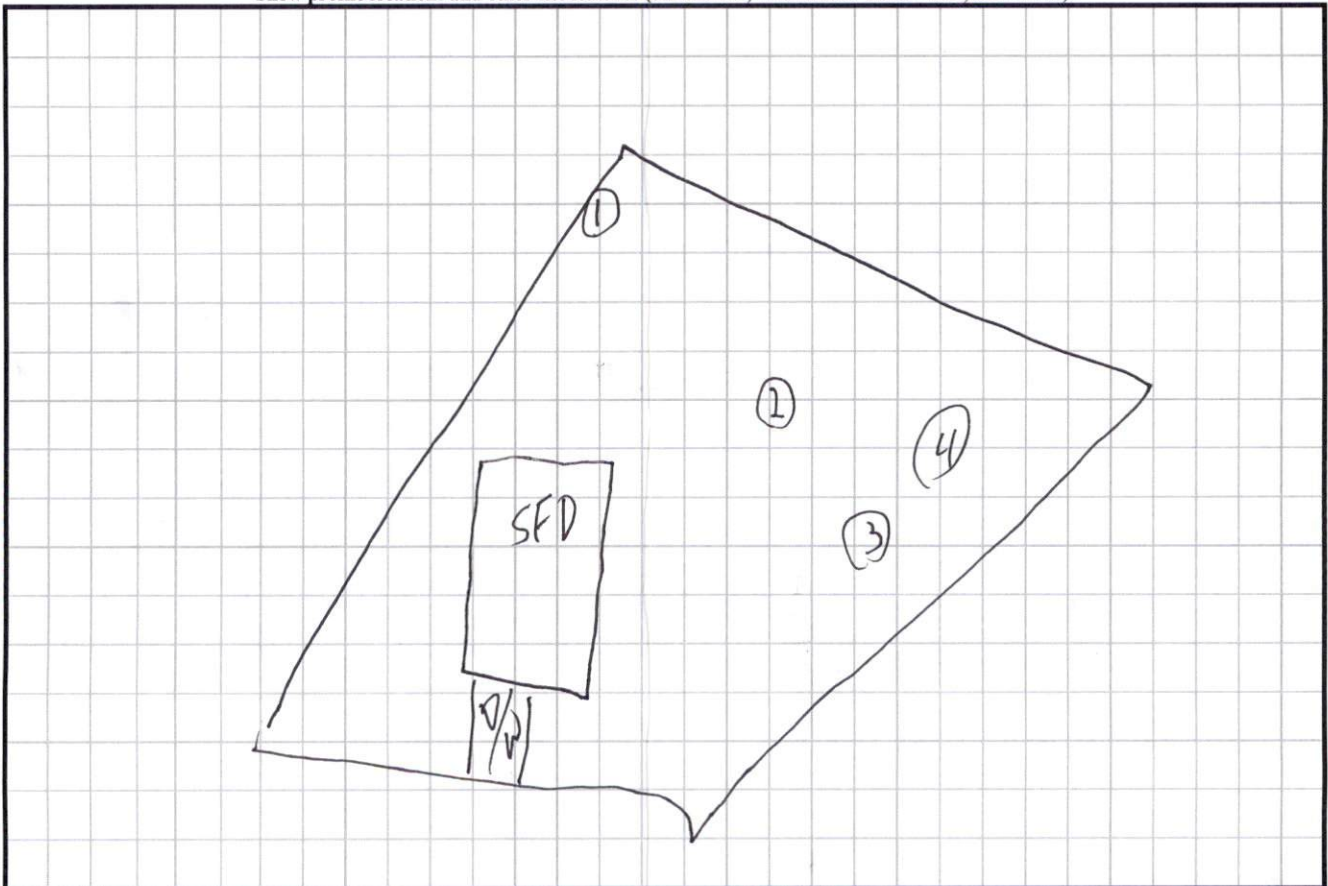
*RESTRICTIVE HORIZON* Thickness and depth from land surface

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

*SOIL WETNESS 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

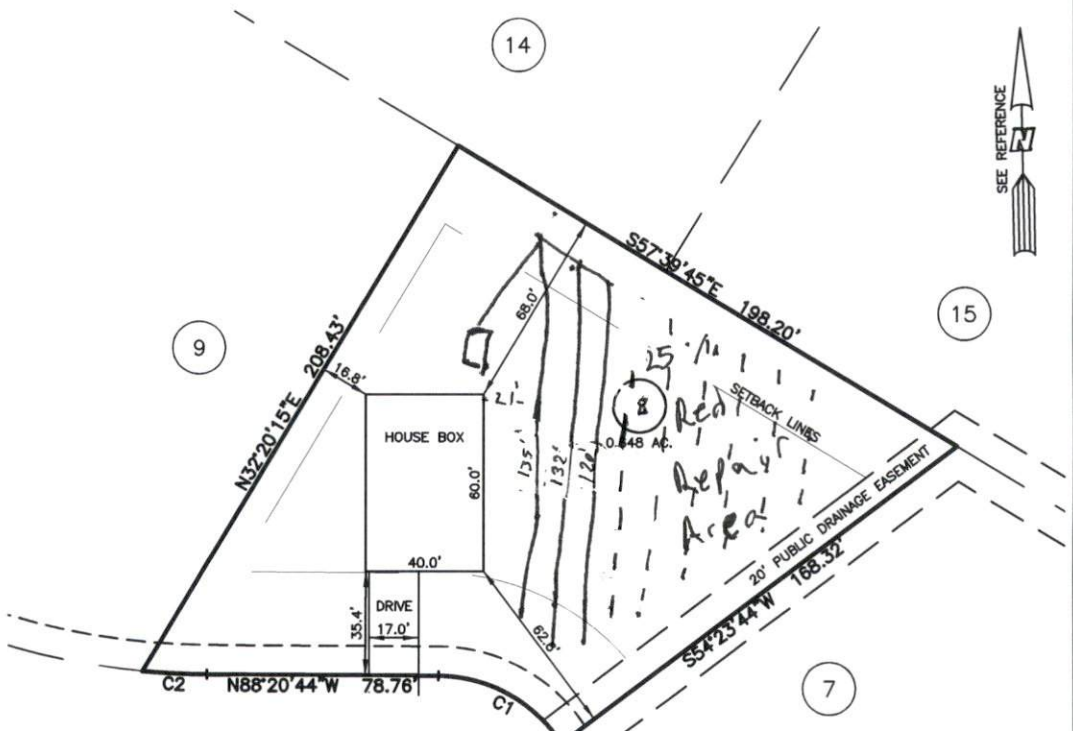
S (Suitable) or U (Unsuitable)

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





HOUSE FIT  
**NEW HOME, INC.**  
 113 EAGLE CREST COURT  
 LOT 08, HERITAGE AT NEILL'S CREEK SUBDIVISION  
 NEILL'S CREEK TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA



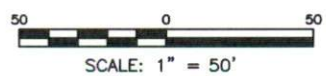
NUM	RADIUS	ARC	DELTA	CHORD BRG	CHORD
C1	50.00'	49.80'	57°03'57"	S59°48'45"E	47.77'
C2	250.00'	22.15'	5°04'34"	S85°48'27"E	22.14'

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

**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

**REFERENCES:**  
 B.M. 2023, PGS. 520-521



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

REV1: JAN. 18, 2024(4)  
 DATE: JAN. 03, 2024

F.B. \_\_\_\_\_

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