

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

(Complete all fields in full)

OWNER: New Home Inc DATE EVALUATED: 2-12-24  
 ADDRESS: 20 Eagle Crest Ct, L. Livingston  
 PROPOSED FACILITY: SFD 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	2-3% LS	0-20	SL, gr	F <sub>1</sub> , NS, NA/SE					.35-.3	
		20-40	SCL, SBK	F <sub>1</sub> , SS, SA/SE	7.5/R 5/8					
		40-48	CL, w SBK	F <sub>1</sub> , SS, NA/SE	7/2= 40"	48"				
2										
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>50% Red</u>	<u>50% Red</u>	
Site LTAR	<u>.3</u>	<u>.3</u>	
Maximum Trench Depth	<u>18" - 26"</u>	<u>18" - 26"</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)
N (Nose slope)	SiCL (Silty clay loam)	None	None		None			None
R (Ridge/summit)	Si (Silt)			None		None	None	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2			0.05 - 0.2
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.

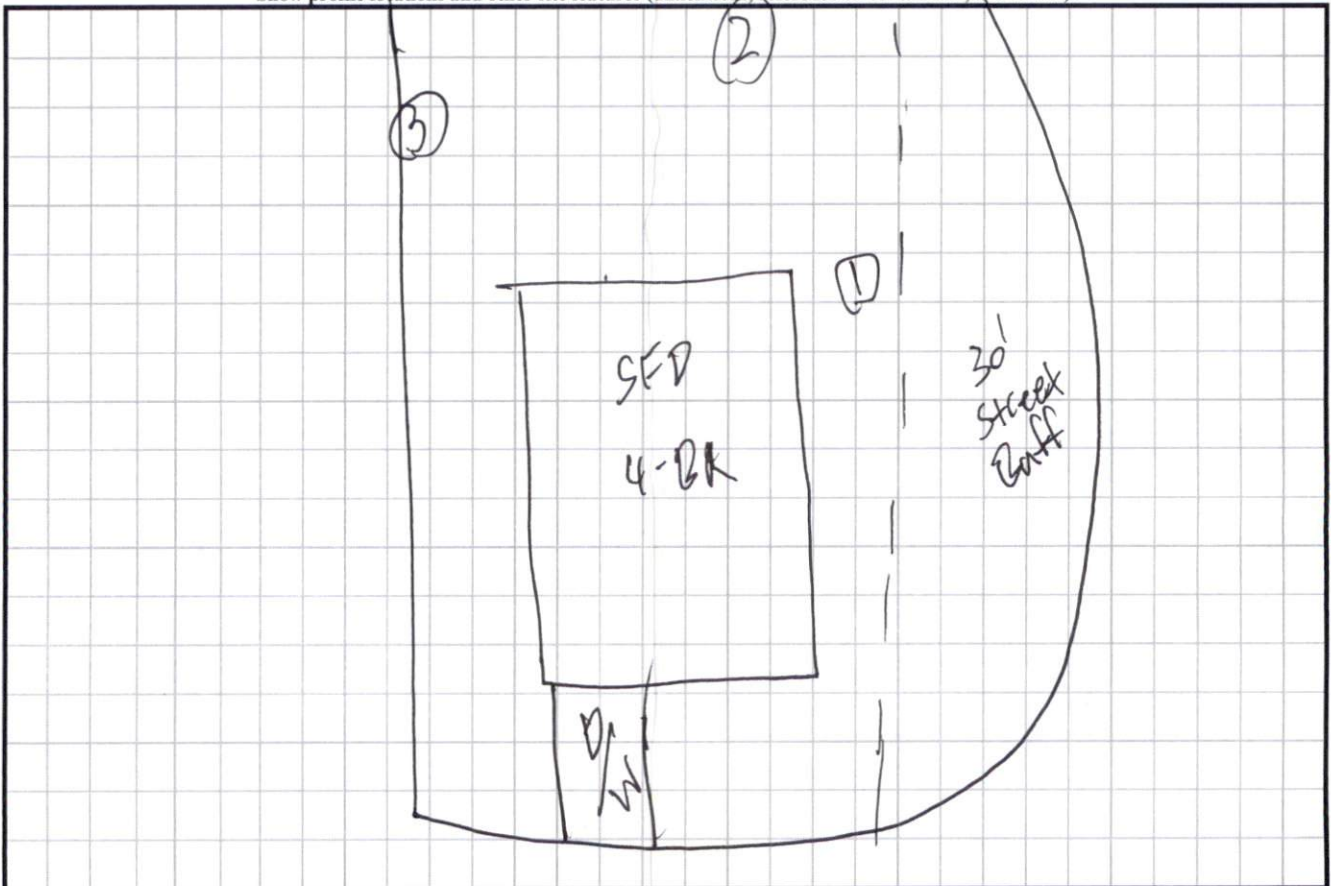
*SOIL WETNESS*

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*

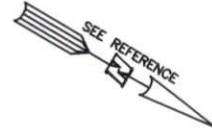
S (Suitable) or U (Unsuitable)

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



HOUSE FIT  
 NEW HOME, INC.  
 20 EAGLE CREST COURT  
 LOT 01, HERITAGE AT NEILL'S CREEK SUBDIVISION  
 NEILL'S CREEK TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA

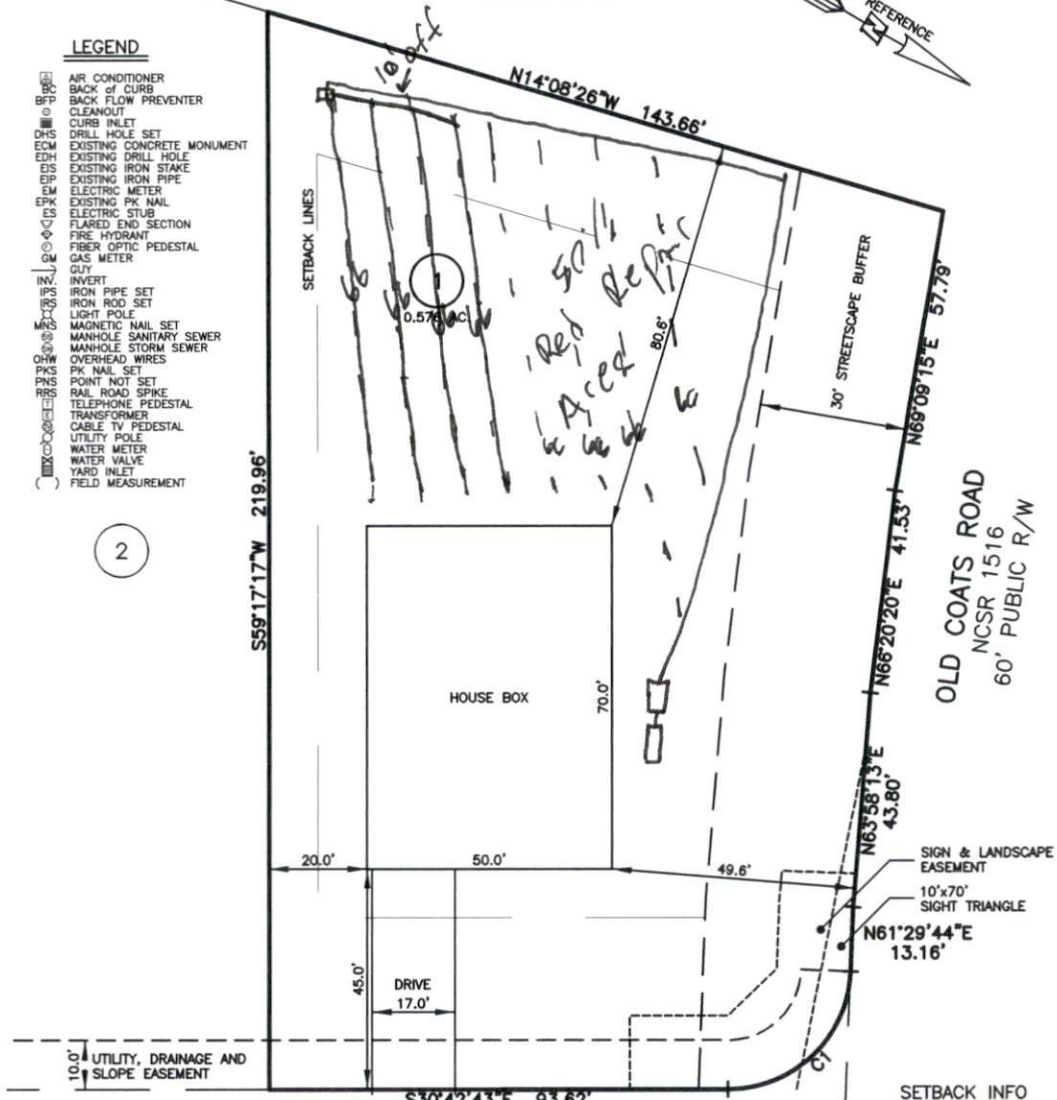
N/F  
 FRANCIS & CHRISTINA FOGARTY  
 D.B. 4190, PG. 319  
 P.B. 2003, PG. 139



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
- FLA FLARED END SECTION
- FHY FIRE HYDRANT
- FOP FIBER OPTIC PEDESTAL
- GM GAS METER
- INV INVERT
- IPS IRON PIPE SET
- IRS IRON ROD SET
- LPT LIGHT POLE
- MNS MAGNETIC NAIL SET
- MNS MANHOLE SANITARY SEWER
- MNS MANHOLE STORM SEWER
- OHV OVERHEAD WIRES
- PKS PK NAIL SET
- PNS POINT NOT SET
- RSS RAIL ROAD SPIKE
- TRM TELEPHONE PEDESTAL
- TRM TRANSFORMER
- UTV UTILITY POLE
- WM WATER METER
- WV WATER VALVE
- YI YARD INLET
- FIELD MEASUREMENT

2



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

EAGLE CREST COURT  
 50' PUBLIC R/W

NUM	RADIUS	ARC	DELTA	CHORD BRG	CHORD
C1	25.00'	38.31'	87°47'33"	N74°36'30"W	34.67'

REFERENCES:

B.M. 2023, PGS. 520-521



SCALE: 1" = 30'

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: JAN. 03, 2024

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

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