

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

Owner: Applicant: Signature Home Builders Inc
 Address: Date Evaluated: 7-18-23
 Proposed Facility: SFD Design Flow (.1949): 360 Property Size:
 Location of Site: 186 Hazelwood DR Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	2%	0-12	S	VF, S, NS, NP					
		12-37	SCL	FI, SBK, SS, SP	> 35			Water to hole	.3
2	2%	0-20	S	VF, S, NS, NP					
		20-43	SCL	FI, SBK, SS, SP	> 40			Water to hole	.3
3		0-13	S	VF, S, NS, NP					
		13-40	SCL	FI, SBK, SS, SP	> 38			Hit water at 30'	.3
4		0-12	S	VF, S, NS, NP					
		12-36	SCL	FI, SBK, SS, SP	> 34			Hit water at 30'	.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: <u>RZL - Jm + RZL 7-18-23</u> Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	<u>25%</u>	<u>50%</u>	
Site LTAR	<u>.3</u>	<u>.3</u>	

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM			SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE	IV	CL-CLAY LOAM	0.4 - 0.1		P-PLASTIC
CV-CONVEX SLOPE		SC-SANDY CLAY LOAM			VP-VERY PLASTIC
T-TERRACE		SIC-SILTY CLAY			
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

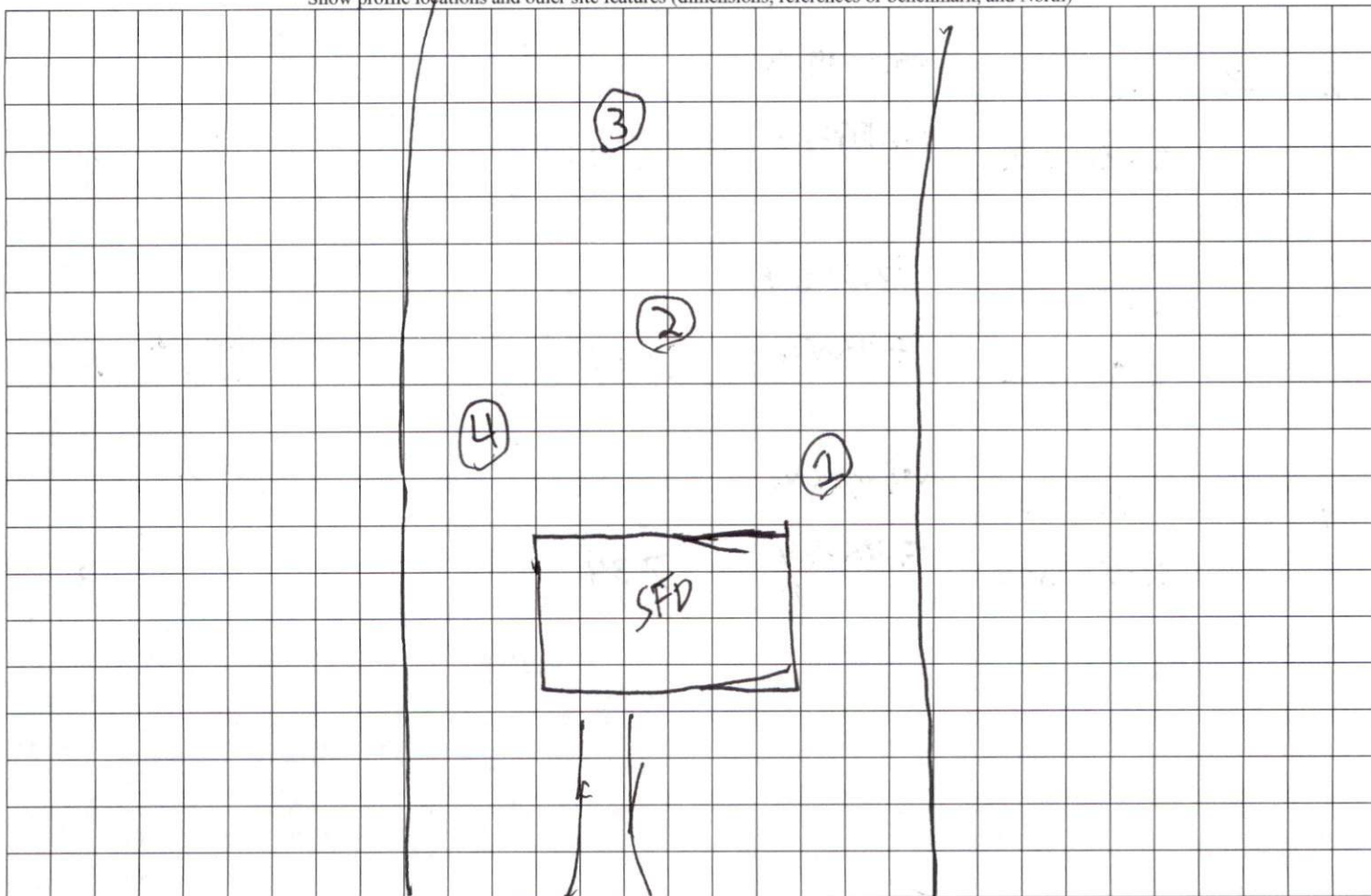
STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

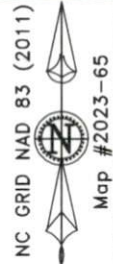
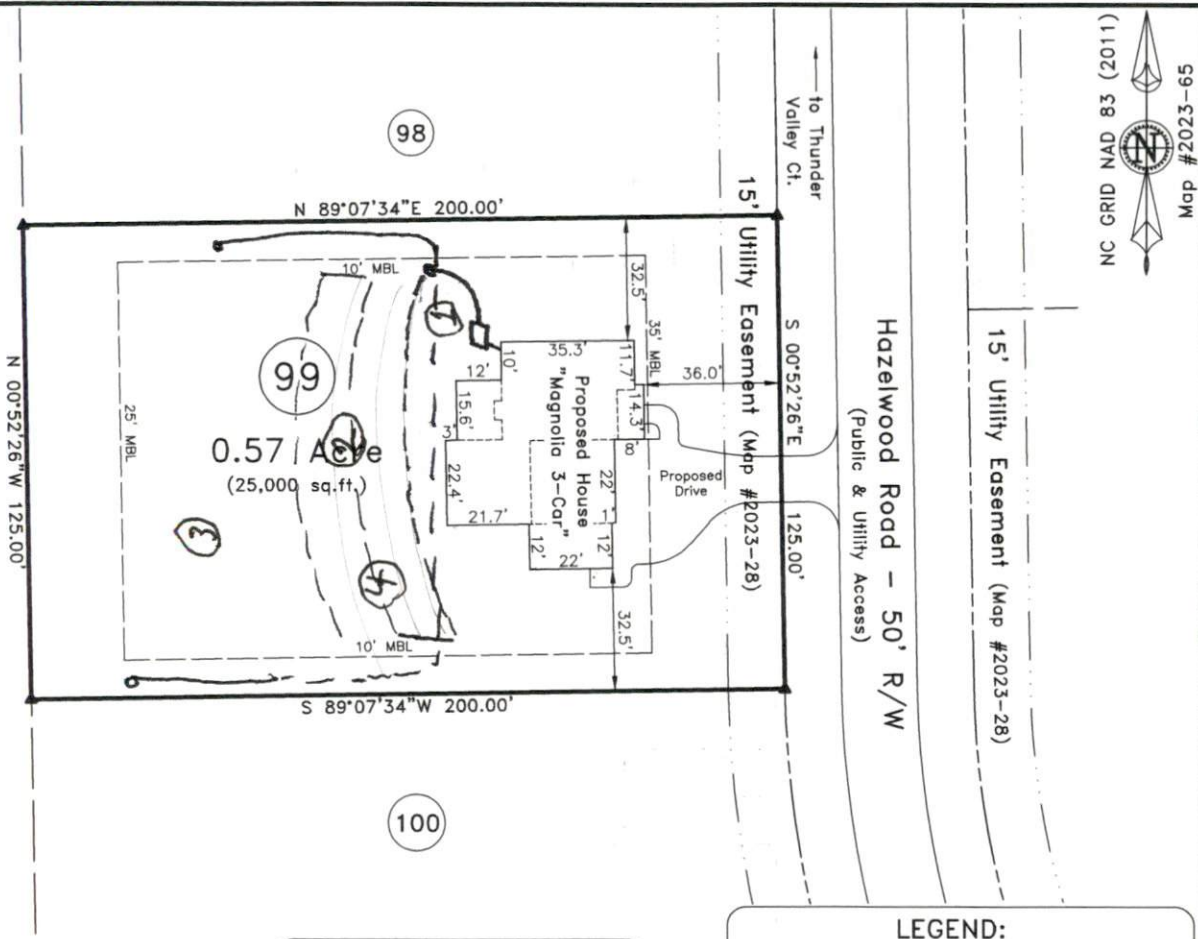
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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



Coy L. & Carolyn Broadwell
DB 1394, Pg. 979



~ 186 Hazelwood Rd., Lillington ~
Lot 99, South Creek Subd., Phase IV
Map #2023-65

Signature Home Builders Inc.

Neill's Creek Twp.	Harnett County
Scale: 1" = 40'	Date: June 21, 2023

Surveyed & Mapped By
STREAMLINE LAND SURVEYING, Inc.
NC FIRM C-1898
870 NC 55 W, Coats, N.C. 27521
Phone: 910-897-7715

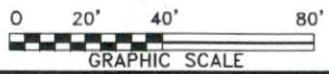
~PRELIMINARY PLOT PLAN~
- Not an actual survey -

This plan represents proposed improvements to a lot of record. This plan is subject to review and approval by County Planning and Inspections Departments.

NOT FOR RECORDATION

FEMA FLOOD HAZARD STATEMENT
The subject property shown on this plot is located within the FEMA "Zone X" (Minimal Flood Risk) Area as shown on FIRM Number: 3720066000J
Effective date: 10/3/2006

Impervious Surface Limit:
PHASE IV - 6,000 SF per lot
Proposed House & Drive
3,729 sq.ft.



- LEGEND:**
- Subject Lot Boundary Line
 - Adjoining Boundary Line
 - R/W Right-of-Way Line
 - C/L Centerline
 - - - Easement Line
 - - - MBS...Minimum Building Setback
 - - - OHE...Overhead Electric Line
 - ▲ CP Calculated Point

DATA\0661\201015SI.dwg (L99-PlotPlan)