

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

Owner: Applicant: Cumberland Homes Inc
 Address: 99 Junius St Date Evaluated: 11-7-23
 Proposed Facility: SFD 48' x 61' Design Flow (.1949): 360 Property Size:
 Location of Site: 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	3-4% LS	0-21	SL	Fr, Gc, NS, NP, Sx	7.5 YR 7/8				
		21-35	SCL	Fr, SBK, SS, NP Sx	7.5 YR 6/8				
		35-44	SCL	FI, SBK, SS, NP Sx	7.5 YR 6/2 mottled 35"	48"			.3
2	3-4% LS/Sandstone	0-18	SL	Fr, Gc, NS, NP, Sx	7.3 YR 7/8				
		18-48	SCL	Fr, SBK, SS, NP Sx	7.5 YR 6/8	48"			.3
3	2-3%	0-23	SL	Fr, Gc, AS, NP, Sx	7.5 YR 7/8				
		25-38	SCL	Fr, SBK, SS, NP Sx	7.5 YR 4/8 out 38"				
		38-48	SCL	Fr, SBK, SS, NP, Sx	7.3 YR 6/2 mottled out 38"	48"			.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948):
Available Space (.1945)			PS L/SM Evaluated By: Others Present:
System Type(s)	25% Red	25% Red	
Site LTAR	.3	.3	

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		CL-CLAY LOAM			P-PLASTIC
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			VP-VERY PLASTIC
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

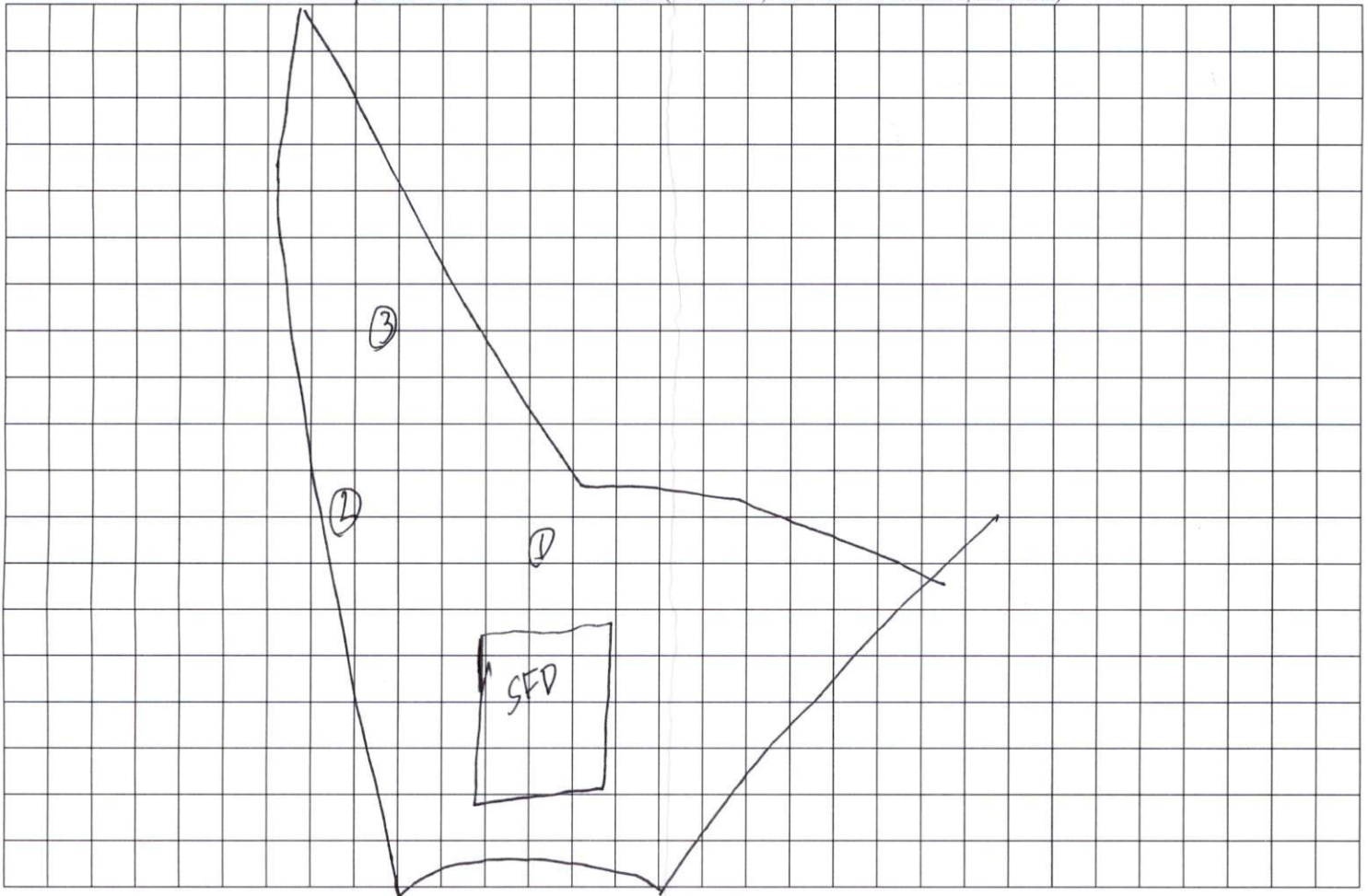
STRUCTURE

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

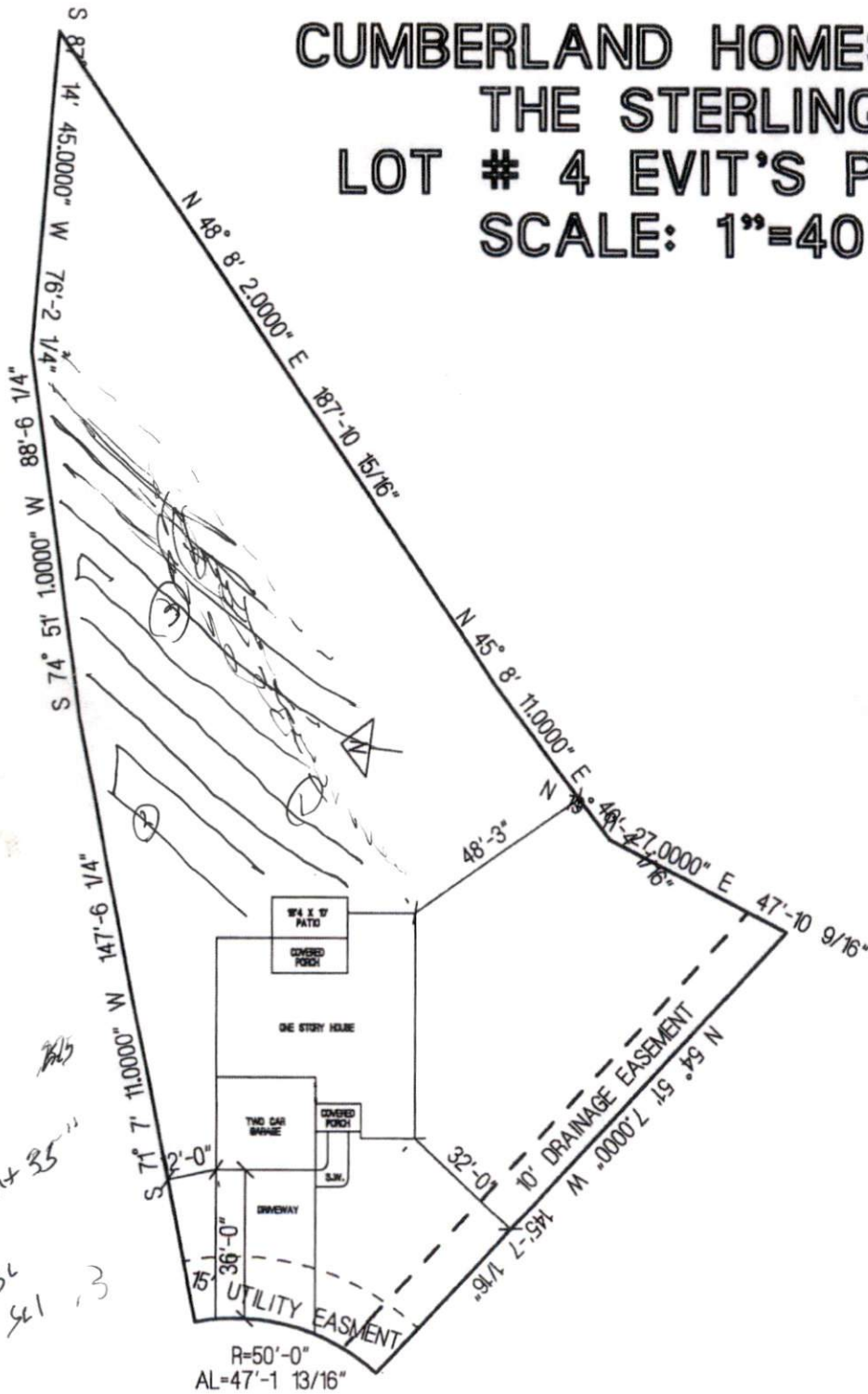
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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



CUMBERLAND HOMES, INC.
 THE STERLING
 LOT # 4 EVIT'S PLACE
 SCALE: 1"=40'



3/1
 1/10-21 SL
 26-35 SCL
 35-44 out 35"

2/1
 21-18 SL
 18-48 SCL 3

2-3/1
 0-23 SL
 23-38 SCL
 38-46 SCL
 out 38" 3

JUNIUS COURT