

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

Owner: Applicant: Seaecca Homes INC
 Address: 309 Deer Hill Lane Date Evaluated: 12-1-23
 Proposed Facility: SFD 55.8' x 58.8' Design Flow (.1949): 360
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Methods: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:

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	
12		0-2	SL, gr	Fr, NS, NP, SE					
		2-6	SCL, SBK	Fr, SS, NP, SE					
		8-28	C, SBK	FI, SS, NP, SE	10R 5/8				
		28-48	C/parent material	FR, SS, NP, SE	10R 5/8 10R 5/2 mottled at 28"	48"	28"		.25
3		0-2	SL, gr	Fr, NS, NP, SE					
		2-14	SCL, SBK	Fr, SS, NP, SE					
		14-25	C, SBK	FI, SS, NP, SE					
		25-48	C/Sapro	FI, SS, NP, SE	5R 5/8		25"		.25
4		0-11	C, SBK	FI, SS, NP, SE	10R 5/8				
		11-48	C/SBK	Fr, SS, NP, SE	10R 5/8		11'-12"		.25
5,6		0-2	SL, gr	Fr, NS, NP, SE					
		2-18	SCL, SBK	Fr, SS, NP, SE					
		18-48"	C/SBK	Fr, SS, NP, SE	5R 5/8		18"		.25
7,8,9		0-10	SL, gr	Fr, NS, NP, SE					
		10-33	Clay, SBK	FI, SS, NP, SE					
		33-48	CL/SBK	Fr, NS, NP, SE			33"		.25

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>RL/JM</u> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% Red</u>	<u>50% Red</u>	
Site LTAR	<u>.25</u>	<u>.25</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			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	FI-FIRM	S-STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE	IV	CL-CLAY LOAM	0.4 - 0.1	VFI-VERY FIRM	VS-VERY STICKY
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE		SIC-SILTY CLAY			
FP-FLOOD PLAN		C-CLAY		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
		SC-SANDY CLAY			SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

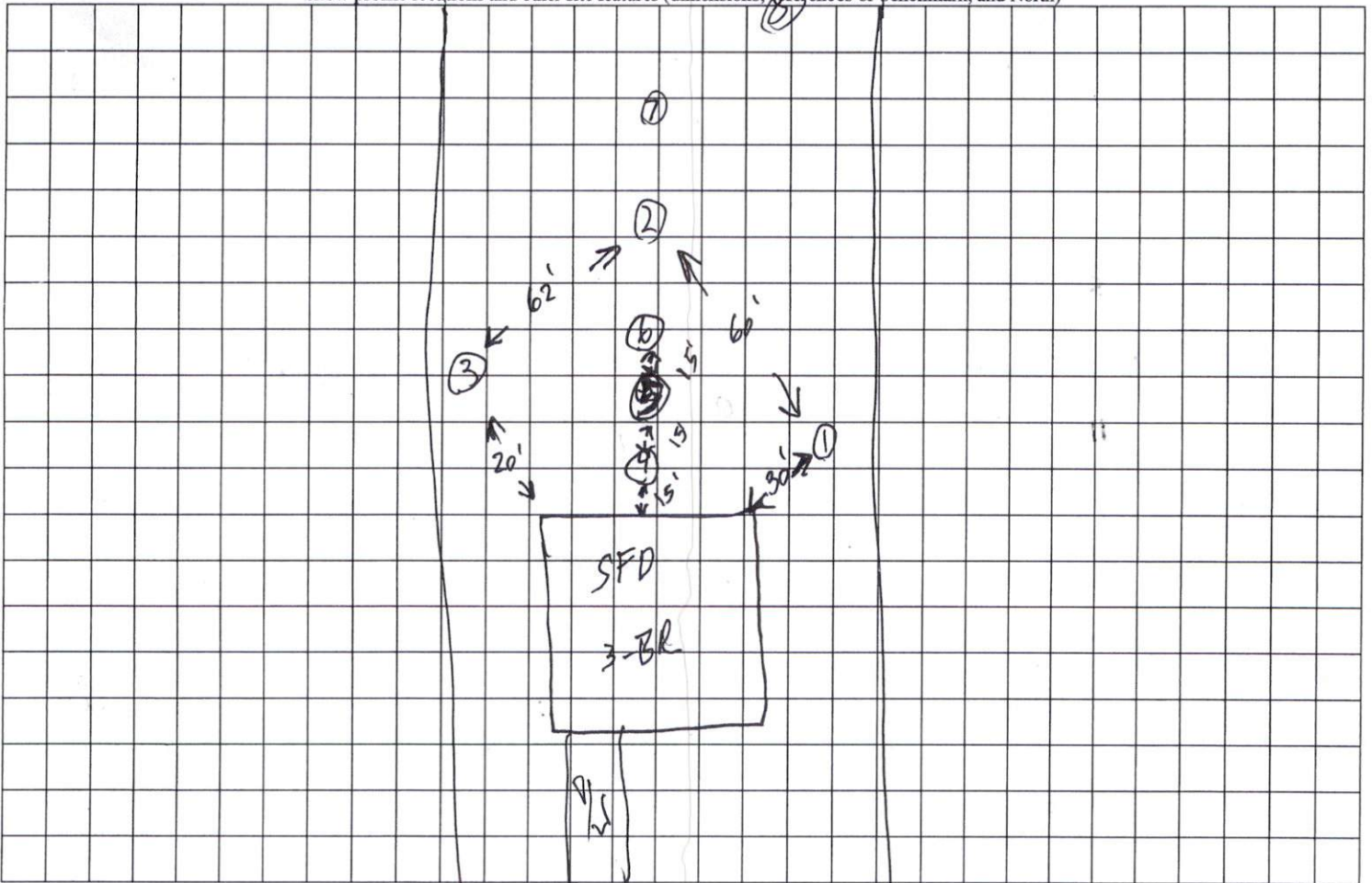
STRUCTURE

- 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)



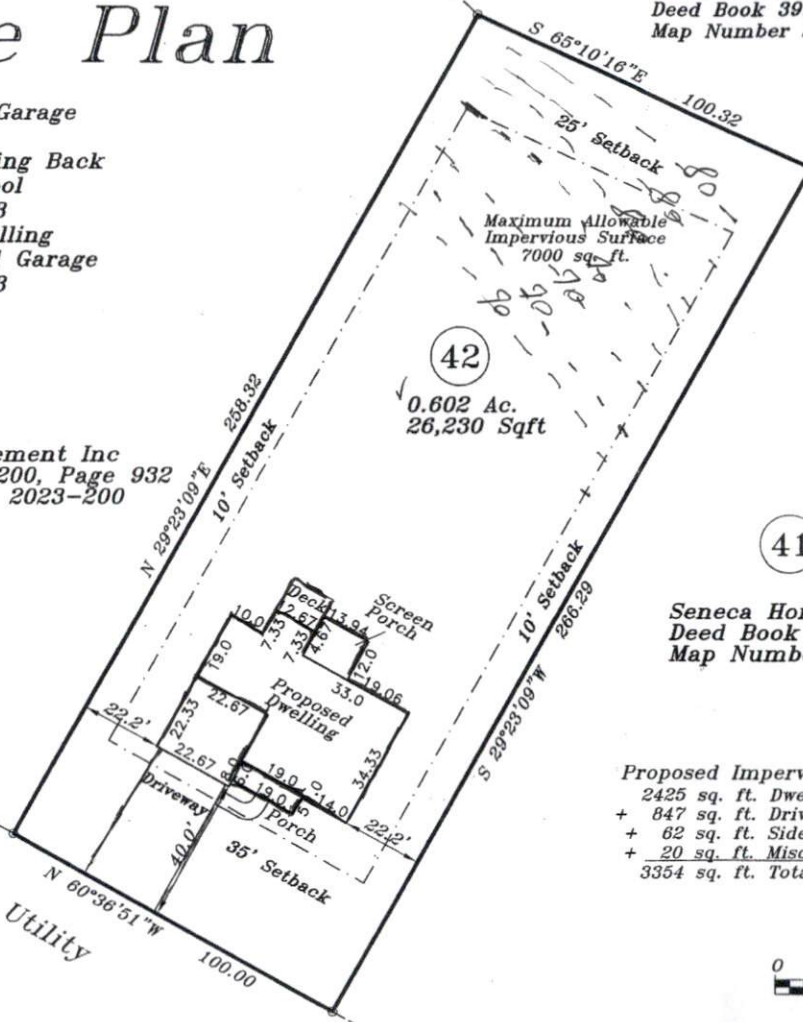
Site Plan

- Revised: Side Load Garage
9/28/2023
- Revised: Move Dwelling Back
Remove Pool
10/30/2023
- Revised: Center Dwelling
Front Load Garage
10/31/2023

43

DWB Development Inc
Deed Book 4200, Page 932
Map Number 2023-200

Reese Construction LLC
Deed Book 3912, Page 977
Map Number 2023-200



42

0.602 Ac.
26,230 Sqft

41

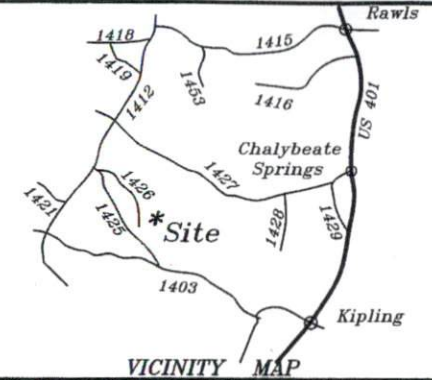
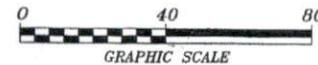
Seneca Homes Inc
Deed Book 4203, Page 1461
Map Number 2023-200

- Proposed Impervious Surfaces
- 2425 sq. ft. Dwelling (includes Porches)
 - + 847 sq. ft. Driveway
 - + 62 sq. ft. Sidewalk
 - + 20 sq. ft. Misc (IE Air Handler)
 - 3354 sq. ft. Total Proposed Impervious

Deer Trail Ln.
50' Public R/W & Utility
Hook Dr.
50' R/W



NC Grid NAD 83(2011)
DB2023, Page 200-207



309 Deer Trail Ln. Fuquay Varina, NC
Lot #42 Cotton Farms Ph 1
Map Number 2023-200
PIN: 0643-37-5008

Surveyed & Mapped for:

Seneca Homes, LLC
Mike Brown

4324 Willowdale Ct. Apex, NC 27539 919-669-4569

Hector's Creek Twp. Harnett County

Scale: 1" = 40' Date: 9/11/2023

Surveyed & Mapped By

STANCIL & ASSOCIATES
Professional Land Surveyor, P.A. C-0831
P.O. Box 730, Angier, N.C. 27501
919-639-2133 919-639-2602 (FAX)
stancilsurvey@gmail.com



NOT FOR RECORDATION

CA

SHHC-1574