

SFD 2306-0046

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

Owner: Applicant: Reese
 Address: Date Evaluated: 7-5-23
 Proposed Facility: SFD 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		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941		.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
			.1941 Structure/ Texture	.1941 Consistence Mineralogy					
1	L ^T _{5%}	0-28	SL	fm GRNSNP					
		28-44	SLAY	fm SBK S.P.	42" ^{7.5% Z₁}				.3
2	L ^F _{5%}	0-18	SL	fm GRNSNP					
		18-36	SLAY	fm SBK S.P.	35" ^{7.5% Z₁}				.3
3	L ^T	0-10	SL	fm GRNSNP					
		10-19	SLAY	fm SBK S.P.	19"				.25 .3
4	L ^T _{5%}	0-14	SL	fm GRNSNP					
		14-37	SL	fm SBK S.P.					
		37-46	SLAY	fm SBK S.P.					.3

Description	Initial System	Repair System	Other Factors (.1946): 0 Site Classification (.1948): 15 Evaluated By: JR-12L Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	25%	50%	
Site LTAR	.3	.3 = .25	

COMMENTS: _____

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

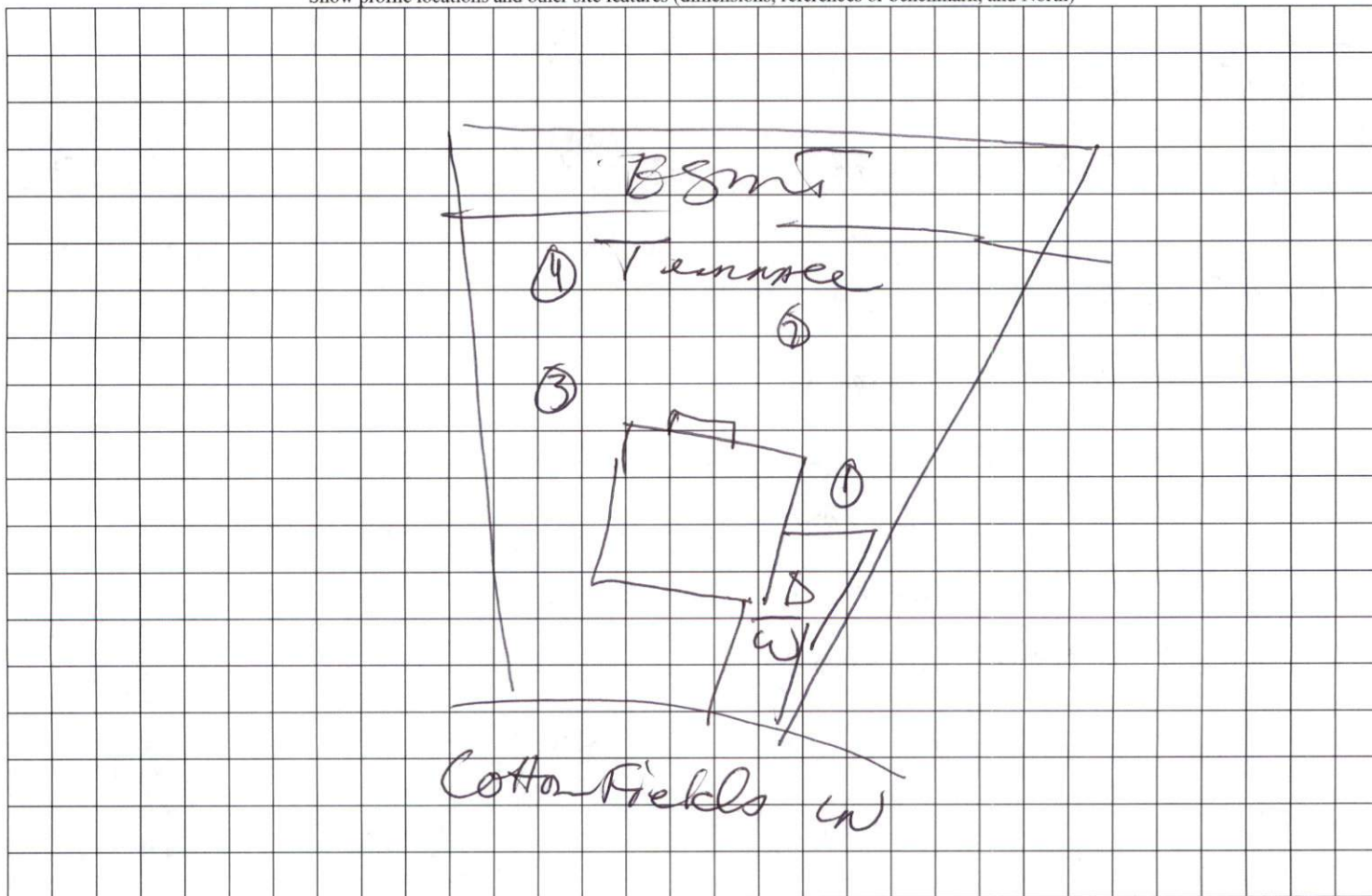
STRUCTURE

- 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)

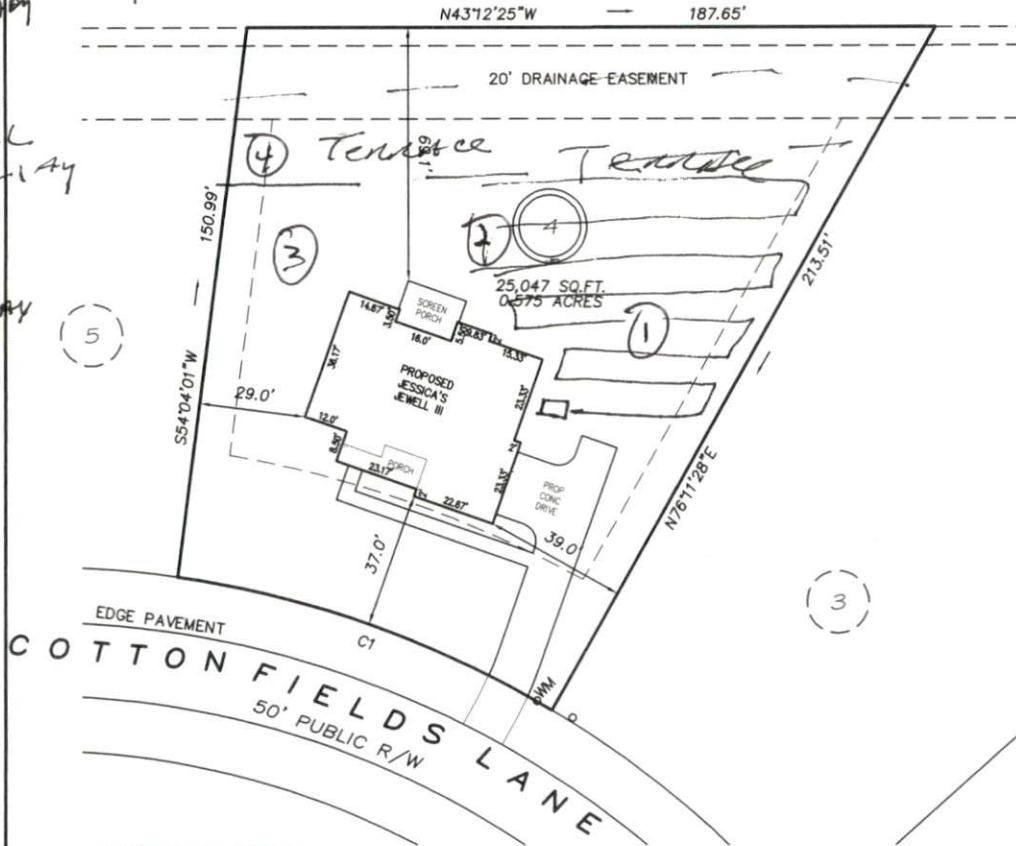


4 MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1: 10,000+; that the area shown hereon was calculated by coordinates.
 Witness my hand and seal this day of MONTH 2023.

HARNETT CO. REGISTRY
 BN 2023 PAGES 200-207

L 5%
 1-0-28 SL FIVE OUT
 28-44 SL FIVE 42"
 L 5%
 2 80-18" OUT
 18-36 75"
 L 5%
 3 0-10 SL OUT AT 19'
 10-19 SL
 4-0-14 SL
 14-37 SL
 37-46 SL 14'
 1X300
 20" MAY

N/F
 R.L. JOHNSON FAMILY
 LIMITED PARTNERSHIP
 DB 1048 PAGE 256
 PIN 0643-32-5147



IMPERVIOUS AREAS

HOUSE	2635 SQ. FT.
DRIVE & WALKS	1320 SQ. FT.
PATIO	000 SQ. FT.
TOTAL	3955 SQ. FT.
ALLOWED	7000 SQ. FT.

C1 R=275.00' L=108.92' S23°38'24"E 108.21'

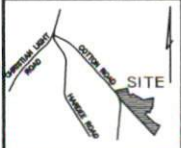
SETBACKS

FRONT	35'
REAR	25'
SIDE	10'
CORNER SIDE	20'

PRELIMINARY
 NOT FOR RECORDATION,
 SALES OR CONVEYANCE

LEGEND

EIP	EXISTING IRON PIPE	FES	FLARED END SECTION
IPS	IRON PIPE SET	WM	WATER METER
R/W	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	FH	FIRE HYDRANT
EIS	EXISTING IRON STAKE	CB	CATCH BASIN



GRIFFIN LAND SURVEYING, INC.
 P.O. BOX 148
 FUQUAY-VARINA, NC 27526
 (919) 567-1963

PLOT PLAN FOR REESE CONSTRUCTION
 COTTON FARMS
 LOT 4
 64 COTTON FIELDS LANE
 FUQUAY VARINA, N.C.
 HARNETT COUNTY HECTOR'S CREEK TOWNSHIP

DRAWN BY KDF	DATE 6/12/23
CHECKED BY MPG	SCALE 1" = 40'