

JFD 2305-~~0109~~
 0109

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

Owner: Applicant: *NCT Specialty*
 Address: Date Evaluated: *6-14-23*
 Proposed Facility: *SFD* Design Flow (.1949): *480* 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	<i>L 35%</i>	<i>0-23</i>	<i>SL</i>	<i>GA GR NSNP</i>					<i>PS</i>
		<i>23-40</i>	<i>SLL SLimy</i>	<i>fm SBK S.P.</i>	<i>40" 2.5yn 2.1</i>	<i>40" NL</i>			<i>.3</i>
2	<i>L 35%</i>	<i>0-34</i>	<i>SL</i>	<i>GA GR NSNP</i>					
		<i>34-38</i>	<i>SLL</i>	<i>fm SBK S.P.</i>	<i>38" 2.5yn 2.1</i>	<i>40" NL</i>			<i>.3</i>

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

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	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY 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			

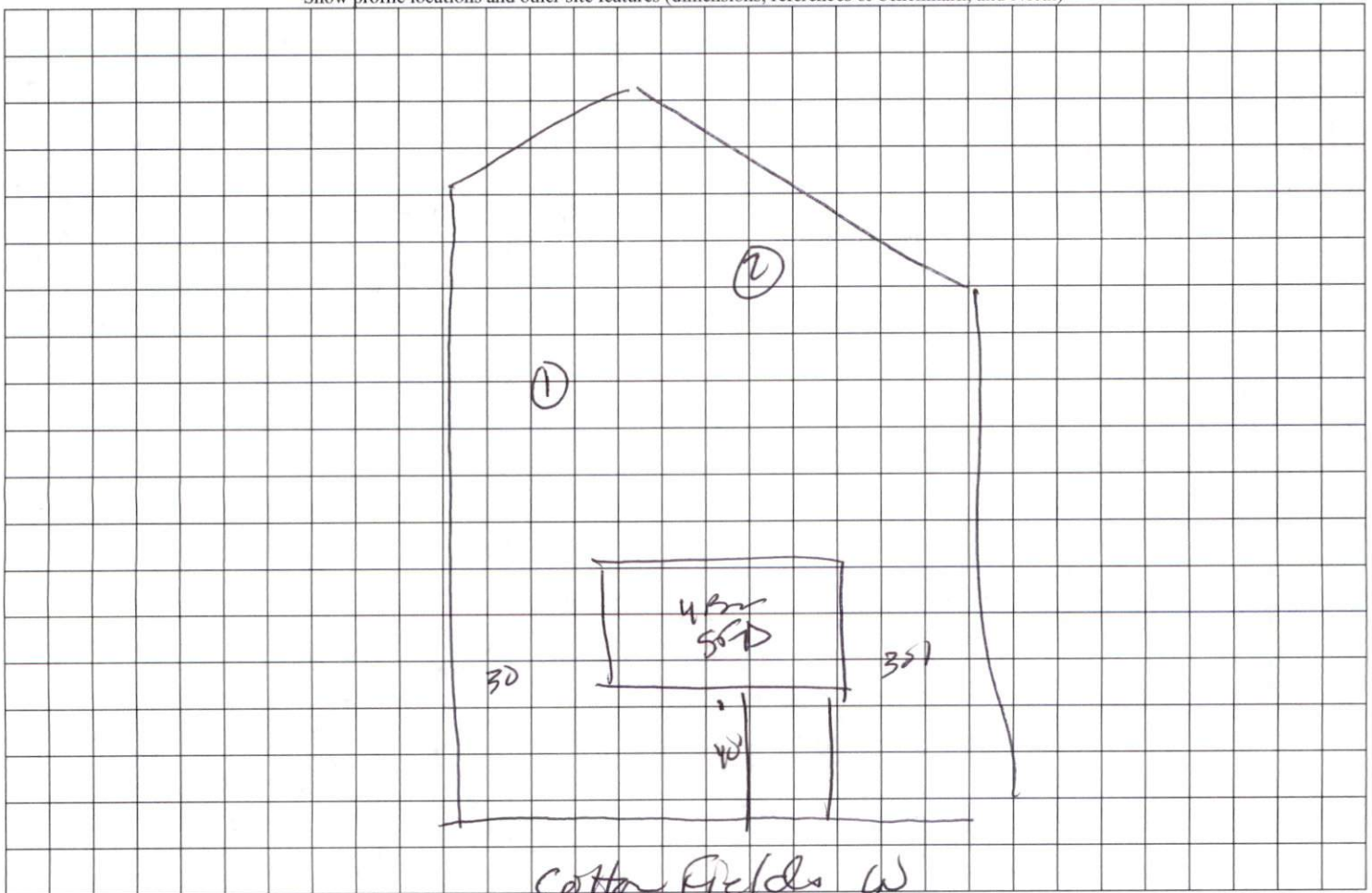
STRUCTURE

- 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)

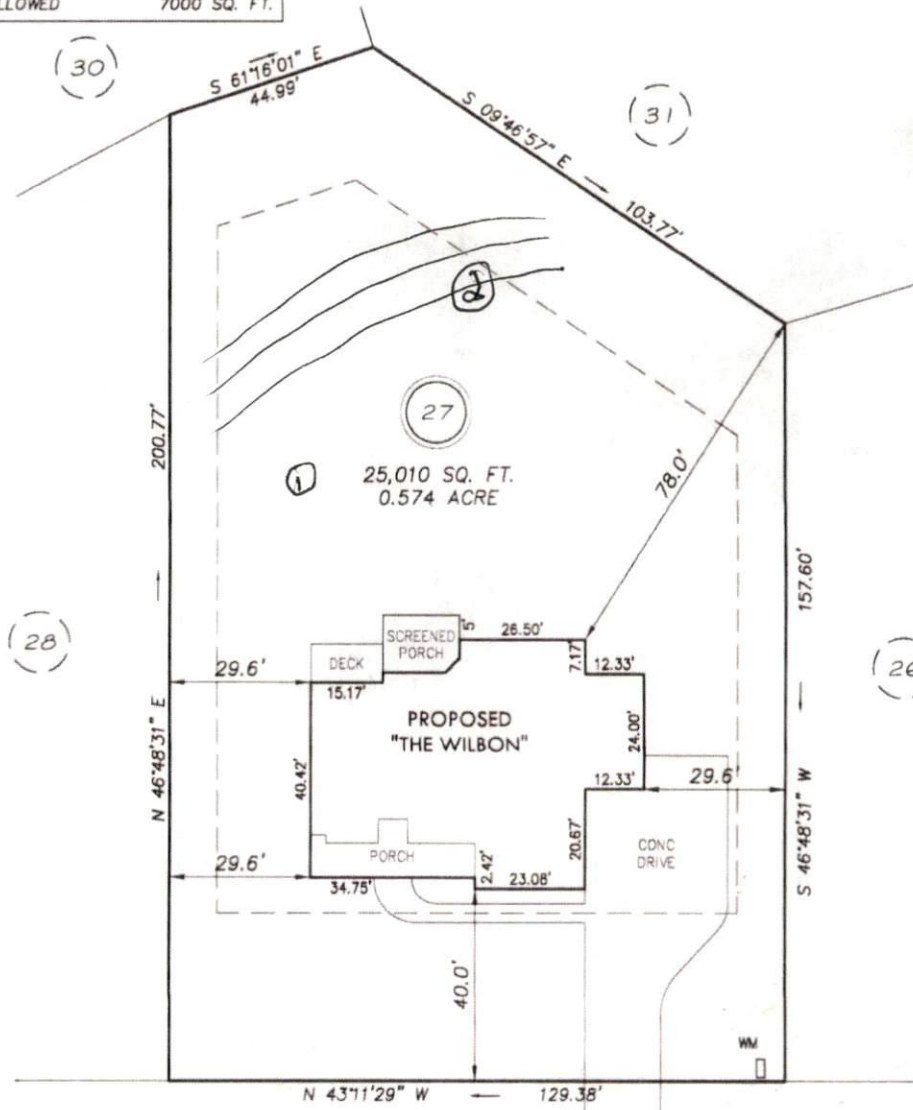


MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1:10,000+; that the area shown hereon was calculated by coordinates.
 Witness my hand and seal this day of MONTH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

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

IMPERVIOUS DATA	
HOUSE	2965 SQ. FT.
SCREENED PORCH	0190 SQ. FT.
DRIVE & WALKS	1788 SQ. FT.
TOTAL	4943 SQ. FT.
ALLOWED	7000 SQ. FT.

1-0-235L
 23-405614
 40'
 2-0-34
 34-3856
 38



EDGE PAVEMENT

COTTON FIELDS LANE

50' PUBLIC R/W

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) 587-1963

PLOT PLAN
 FOR
**NCT SPECIALTY
 CONTRACTING, INC.**
 COTTON FARMS

DRAWN BY **MPG**

DATE **1/31/23**

CHECKED BY **MPG**

SCALE **1" = 30'**

LOT 27
 COTTON FIELDS LANE
 FUQUAY VARINA, N.C.
 HARNETT COUNTY HECTOR'S CREEK TOWNSHIP