

SFD 2305-0107

**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>0-34</i>	<i>SL</i>	<i>FLGKNSWP</i>					
		<i>34-45</i>	<i>SL</i>	<i>FLGKNSWP</i>	<i>.40" 7.5g/2 21</i>				<i>.3</i>
2	<i>L 35%</i>	<i>6-16</i>	<i>SL</i>	<i>FLGKNSWP</i>					
		<i>16-33</i>	<i>SLng SLIP</i>	<i>FLGKNSWP</i>	<i>32" 7.5g/2 21</i>				<i>.3</i>

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>PS</i>
System Type(s)	<i>25%</i>	<i>50%</i>	Evaluated By: <i>JZ</i>
Site LTAR	<i>.3</i>	<i>.3</i>	Others Present:

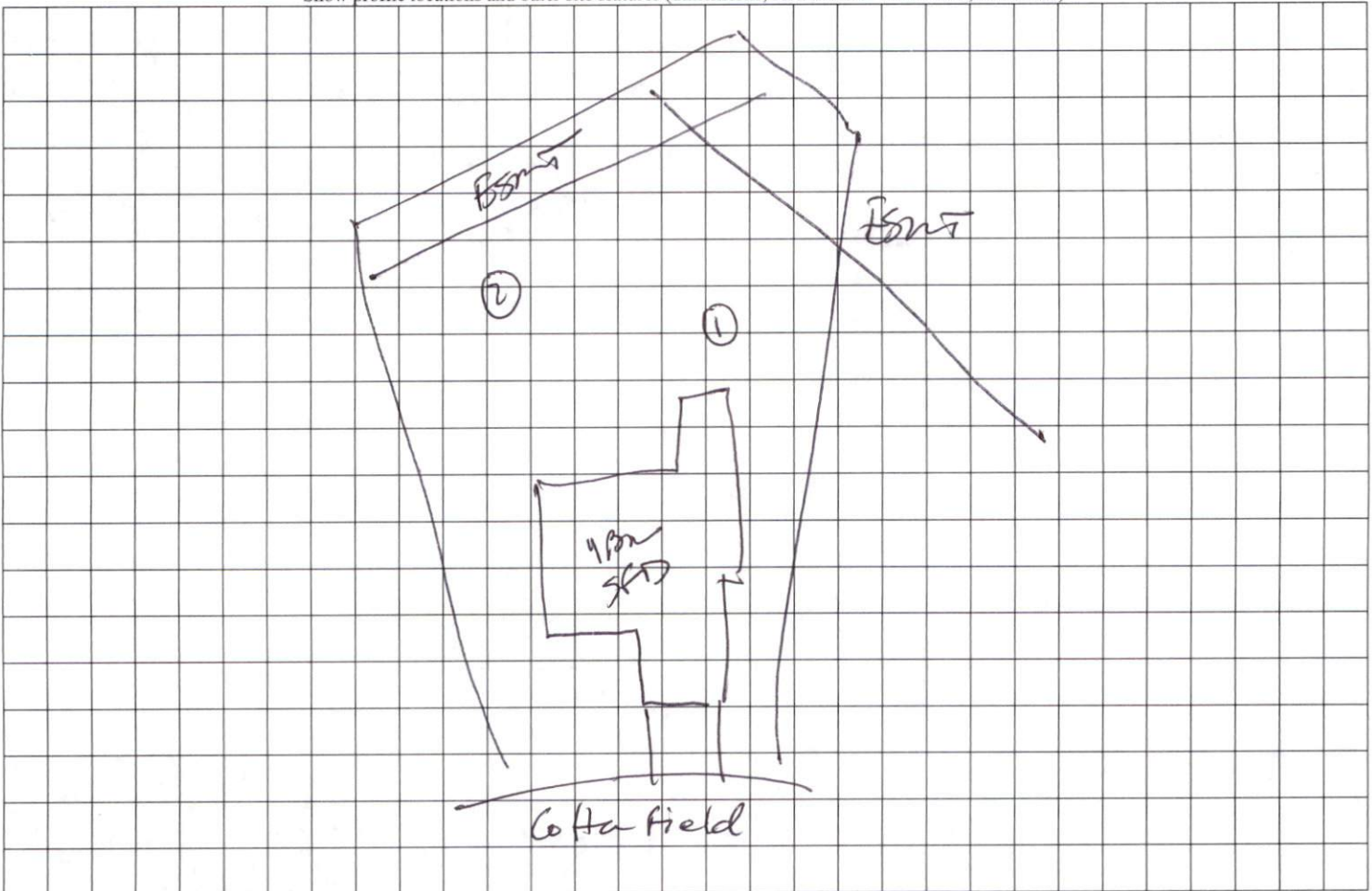
COMMENTS: _____

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.

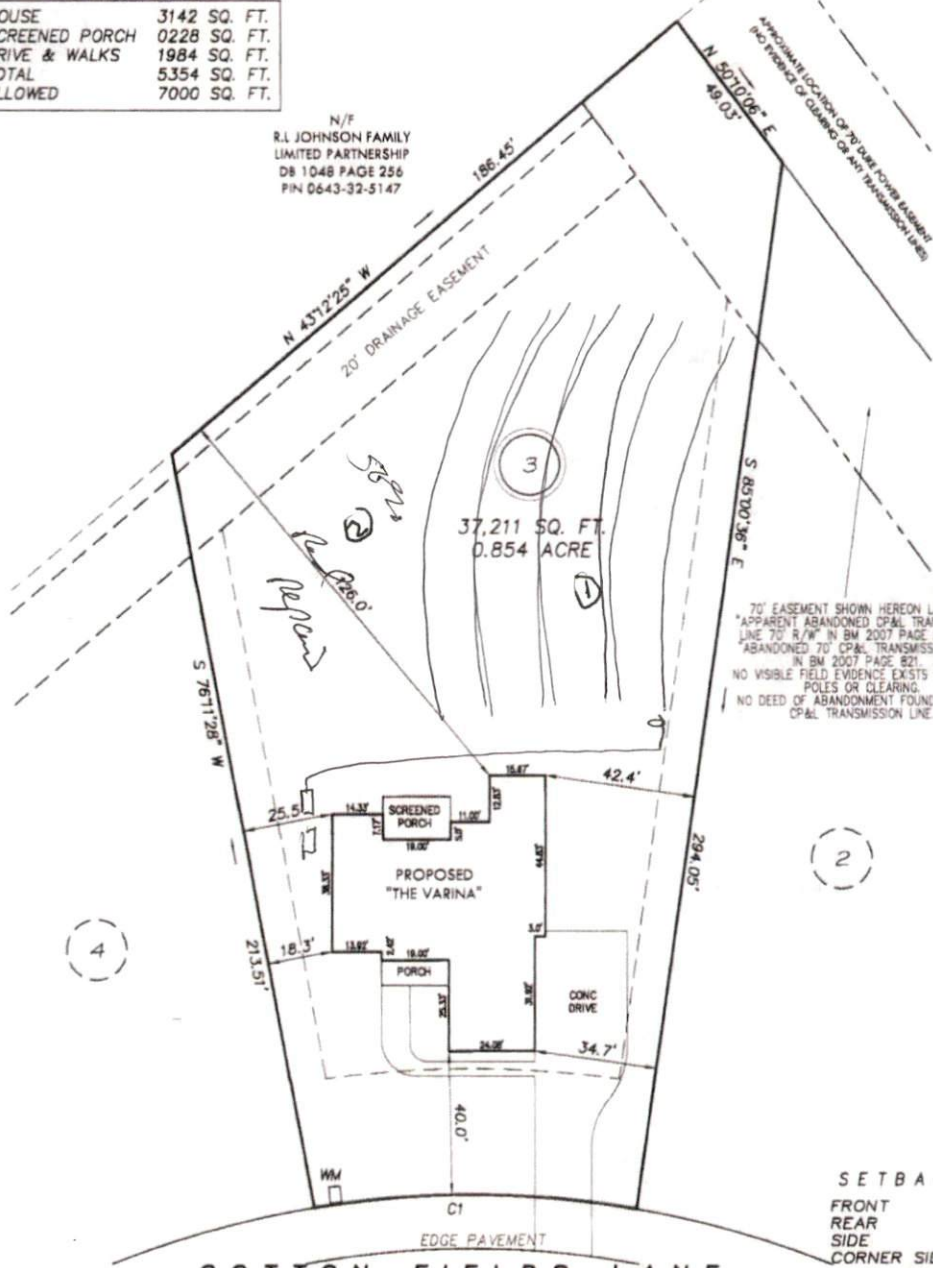
BM PAGE
 HARNETT CO. REGISTRY

IMPERVIOUS DATA

HOUSE	3142 SQ. FT.
SCREENED PORCH	0228 SQ. FT.
DRIVE & WALKS	1984 SQ. FT.
TOTAL	5354 SQ. FT.
ALLOWED	7000 SQ. FT.

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

1 L³⁰⁵²
 0-34 SL
 3445 SCL
 2 L³⁰⁵
 016 SL
 16-33 SCL



70' EASEMENT SHOWN HEREON LABELED "APPARENT ABANDONED CP&L TRANSMISSION LINE 70' R/W" IN BM 2007 PAGE 21 AND "ABANDONED 70' CP&L TRANSMISSION LINE" IN BM 2007 PAGE 821.
 NO VISIBLE FIELD EVIDENCE EXISTS OF POWER POLES OR CLEARING.
 NO DEED OF ABANDONMENT FOUND FOR 70' CP&L TRANSMISSION LINE.

SETBACKS

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

CI R=275.00' L=91.29' S02°46'57"E 90.88'

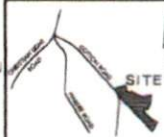
COTTON FIELDS LANE

50' PUBLIC R/W

LEGEND

PRELIMINARY
 NOT FOR RECORDATION,
 SALES OR CONVEYANCE

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



GLS INC GRIFFIN LAND SURVEYING, INC.
 P.O. BOX 148
 FUQUAY-VARINA, NC 27528
 (919) 567-1983

PLOT PLAN
 FOR
NCT SPECIALTY CONTRACTING, INC.
 COTTON FARMS
 LOT 3
 COTTON FIELDS LANE
 FUQUAY VARINA, N.C.
 HARNETT COUNTY HECTOR'S CREEK TOWNSHIP

DRAWN BY	MPG	DATE	1/31/23
CHECKED BY	MPG	SCALE	1" = 40'