

Department of Environment, Health and Natural Resources  
 Division of Environmental Health  
 On-Site Wastewater Section

Sheet:  
 Property ID:  
 Lot #:  
 File #:  
 Code:

lot 28

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

Owner: Applicant: **3-6 custom Homes LLC**  
 Address: **63 Cotton Fields LN**, Date Evaluated: **7-20-23**  
 Proposed Facility: **SFD 58'x65'**, Design Flow (.1949): **360**  
 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

Property Size:  
 Spring  Other  
 Pit  Cut  
 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	2%	0-36	SL	VFR, 9', NS, NP	40	42+			
		36-42	SCL	FE, SBK, S, P	40	42+			.04
2	2%	0-44	SL	VFR, 9', NS, NP					
		44-48	SCL	FE, SBK, S, P	48	48+			.04
3	2%	0-40	SL	VFR, 9', NS, NP					
		40-48	SCL	FE, SBK, S, P	48	48+			.04
4									

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948): <b>PS</b>
System Type(s)	<b>1500</b>	<b>1500</b>	Evaluated By: <b>JRL</b>
Site LTAR	<b>.4</b>	<b>.4</b>	Others Present:



Division of Environmental Health

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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			

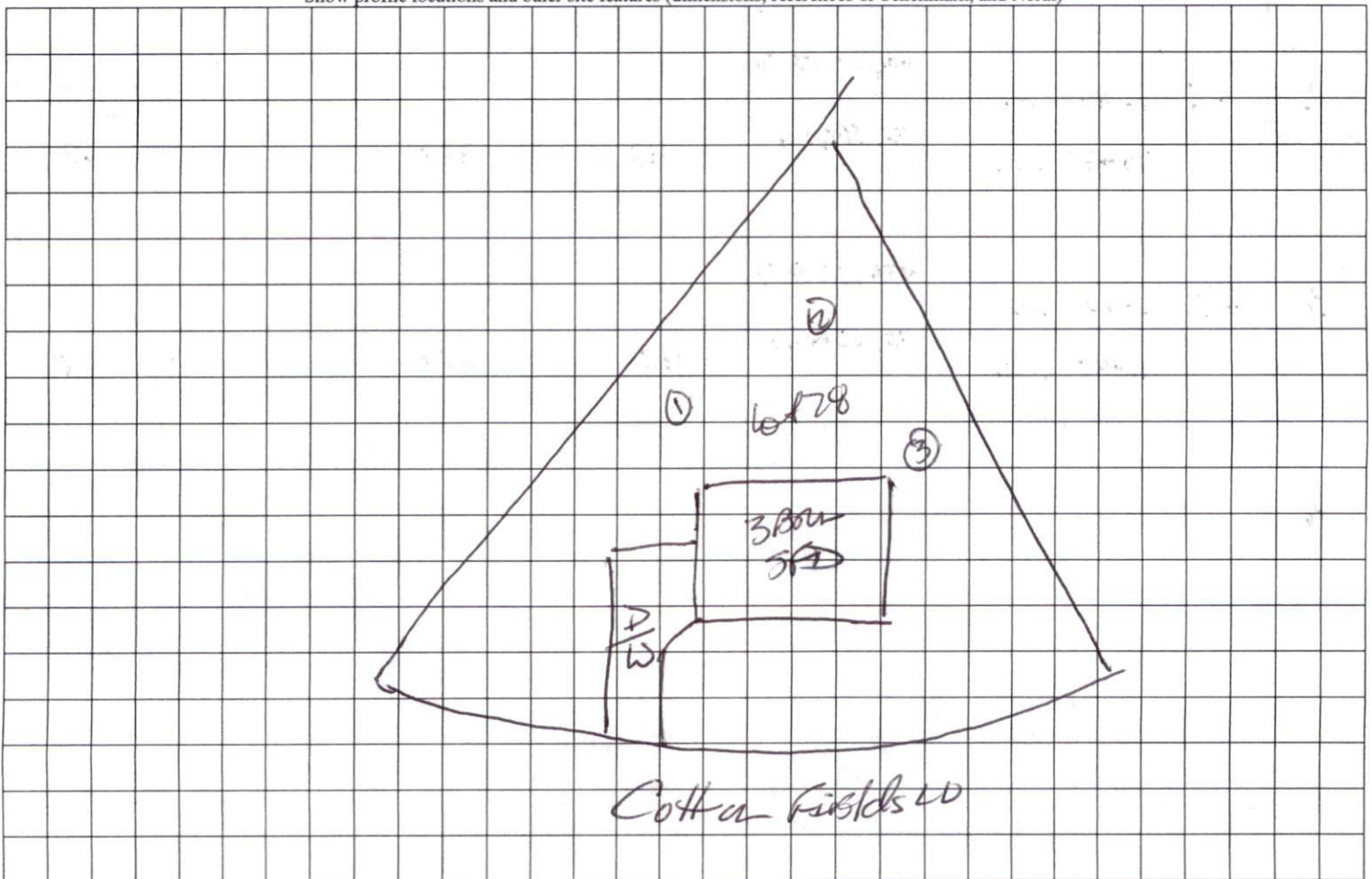
STRUCTURE

- 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)



MINIMUM BUILDING SETBACKS  
ZONING: RA-30

FRONT.....35'  
SIDE.....10'  
REAR.....25'

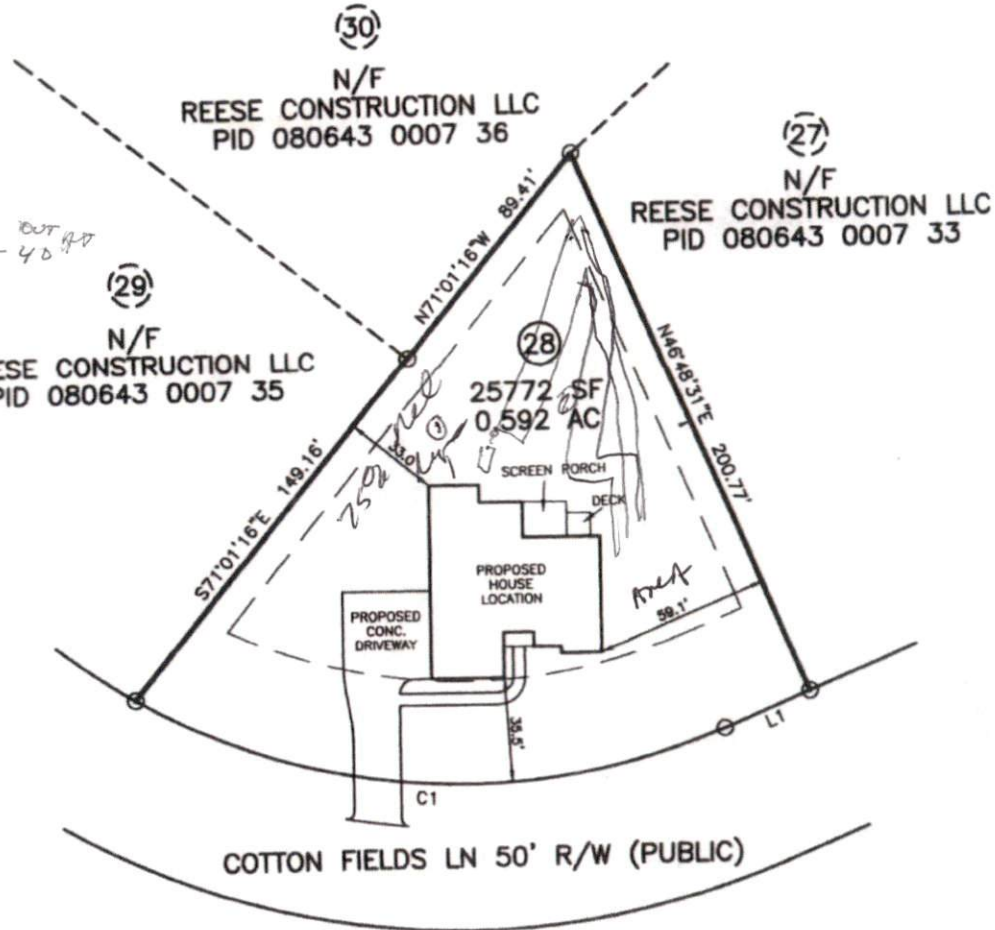
CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	225.00'	207.89'	200.57'	N16°43'20"W

LINE	BEARING	DISTANCE
L1	S43°11'29"E	31.43'

PB 2023 PG 200

1 L 2% 8.36 J L  
36-425.12m - 40 ft  
2 L 0.415 L  
44-48.50 L  
2%  
3.6-40.5 L  
40-48.50 L  
2x120'  
24-78'



PLOT PLAN IS FOR PRECONSTRUCTION ONLY

\* ID: 080643 0007 34  
\* SITE: 63 COTTON FIELDS LN  
FUQUAY-VARINA, NC 27526

PROPOSED DRIVEWAY CULVERT SIZE

STORMWATER ADMINISTRATOR SIGNATURE



IMPERVIOUS SURFACE TABLE

HOUSE	3113 SF
DRIVEWAY & WALKS	1940 SF
TOTAL IMPERVIOUS	5053 SF
TOTAL LOT AREA	25772 SF
IMPERVIOUS COVERAGE	19.6%

MAXIMUM IMPERVIOUS 7000 SF

OVERALL HOUSE DIMENSIONS:  
65.8' x 58.0'

PLOT PLAN  
OF  
**LOT 28**  
**COTTON FARMS PH1**  
**HARNETT COUNTY**  
FOR  
**ASSET DEVELOPMENT**

SCALE: 1" = 50'



**TRUE LINE SURVEYING, P.C.**



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C-1589

JOB NO: 1561.085 DRAWN: COLE DATE: 06/22/2023 CHECKED: CURK