

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

Owner: Applicant: *Southern Tide Homes*
 Address: *226 Deer Trl CN* Date Evaluated: *9-20-23*
 Proposed Facility: *SFD 55' x 50'* Design Flow (.1949): *480*
 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
 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	2-3%	0-44	SL	<i>VER, S, NS, NP</i>					
		44-48	SCL	<i>FI, SBK, S, P</i>	44"	48"			.35
2	2-3%	0-42	SL	<i>VER, S, NS, NP</i>					
		42-47	SCL	<i>FI, SBK, S, P</i>	47"	48"			.35
3	3-4%	0-29	SL	<i>VER, S, NS, NP</i>					
		29-44	SCL	<i>FI, SBK, S, P</i>	38"	45"			.35
4	3-4%	0-36	SL	<i>VER, S, NS, NP</i>					
		36-46	SCL	<i>FI, SBK, S, P</i>	42"	46"			.35

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>JM/RL</i> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<i>25% Red</i>	<i>50% Red</i>	
Site LTAR	<i>.35</i>	<i>.35</i>	

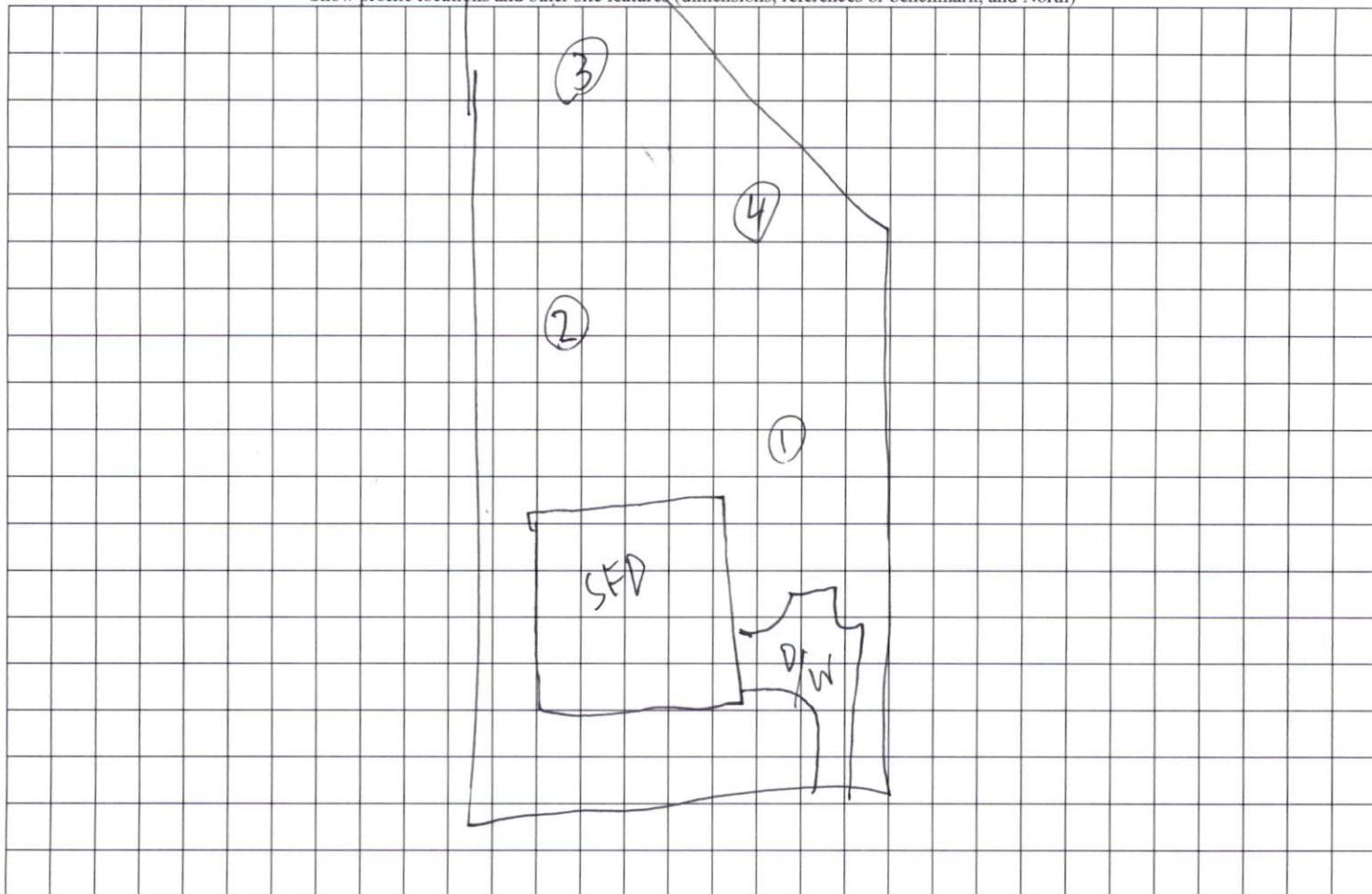
COMMENTS: _____

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 L-LINEAR SLOPE		LS-LOAMY SAND			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
N-NOSE SLOPE H-HEAD SLOPE		L-LOAM			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			
T-TERRACE FP-FLOOD PLAN		CL-CLAY LOAM SCL-SANDY CLAY LOAM			
	IV	SIC-SILTY CLAY C-CLAY SC-SANDY CLAY	0.4 - 0.1		

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)



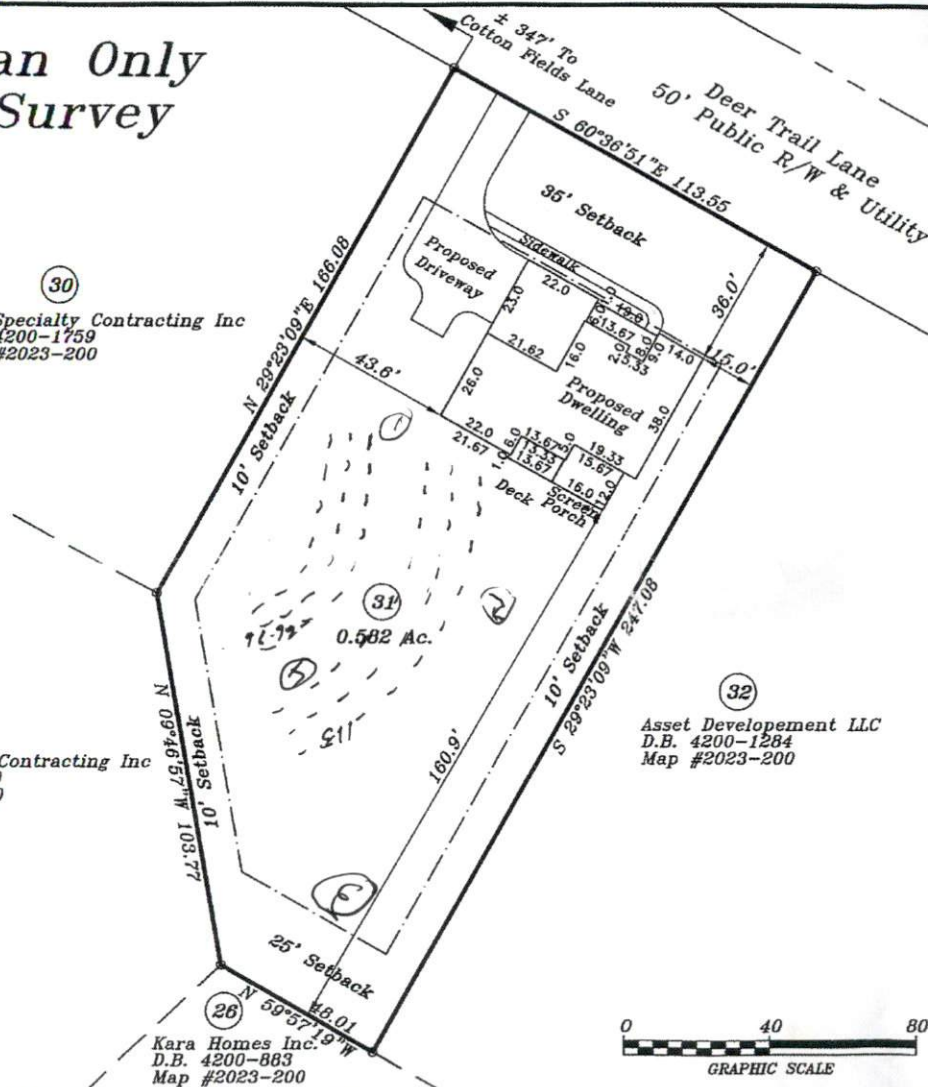
**Plot Plan Only
NOT A Survey**

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NCT Specialty Contracting Inc
D.B. 4200-1759
Map #2023-200

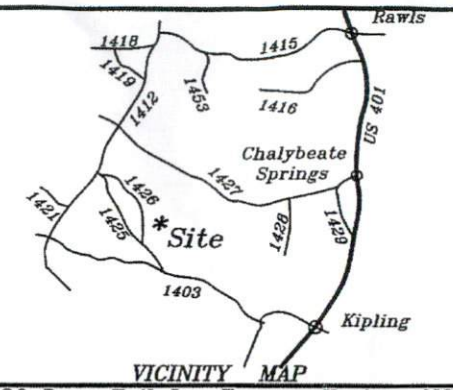
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NCT Specialty Contracting Inc
D.B. 4200-1759
Map #2023-200

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Kara Homes Inc.
D.B. 4200-883
Map #2023-200

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Asset Development LLC
D.B. 4200-1284
Map #2023-200



NC Grid NAD 83(2011)
DE2023, Page 200-207



VICINITY MAP
226 Deer Tail Ln. Fuquay Varina, NC
Lot #31 Cotton Farms Ph 1
Map Number 2023-200
PIN: 0643-27-9075

Surveyed & Mapped for:
Southern Tide Homes
C/O Clayton Roberts
11917 NC HWY 210 Benson, NC 27504
Hector's Creek Twp. Harnett County
Scale: 1" = 40' Date: 8/9/2023

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-1566

23 1/2
1, SL 0-44
SCL 44-48

out 44"



2-3 1/2
2, SL 0-42
SCL 42-47

out 42"

3-4 1/2
3, SL 0-29
SCL 29-44

out 38"

4 3-4 1/2
4 SL 0-36
SCL 36-46

out 42"

