

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

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

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

Owner: Johnny Curralby Applicant: KMB Building LLC
Address: 318 Natchez Trace Date Evaluated: 7-19-23
Proposed Facility: SFD 34'x47' Design Flow (.1949): 360

Location of Site: Property Recorded: Property Size:
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	5%	0-7	SL	v FR, g, ss, np					PS
		0-44	C	FI, Sbk, S, P	42"	44 1/4			.3
2	5%	0-15	SL	v FR, S, ss, np					
		15-42	Clay	FI, Sbk, S, P	38"	42 1/4			.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): PS Evaluated By: JM + RL Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	NOT	
System Type(s)	25%	Required	
Site LTAR	.3		

COMMENTS: _____

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
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY	
FS-FOOT SLOPE		L-LOAM				VFI-VERY FIRM
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				

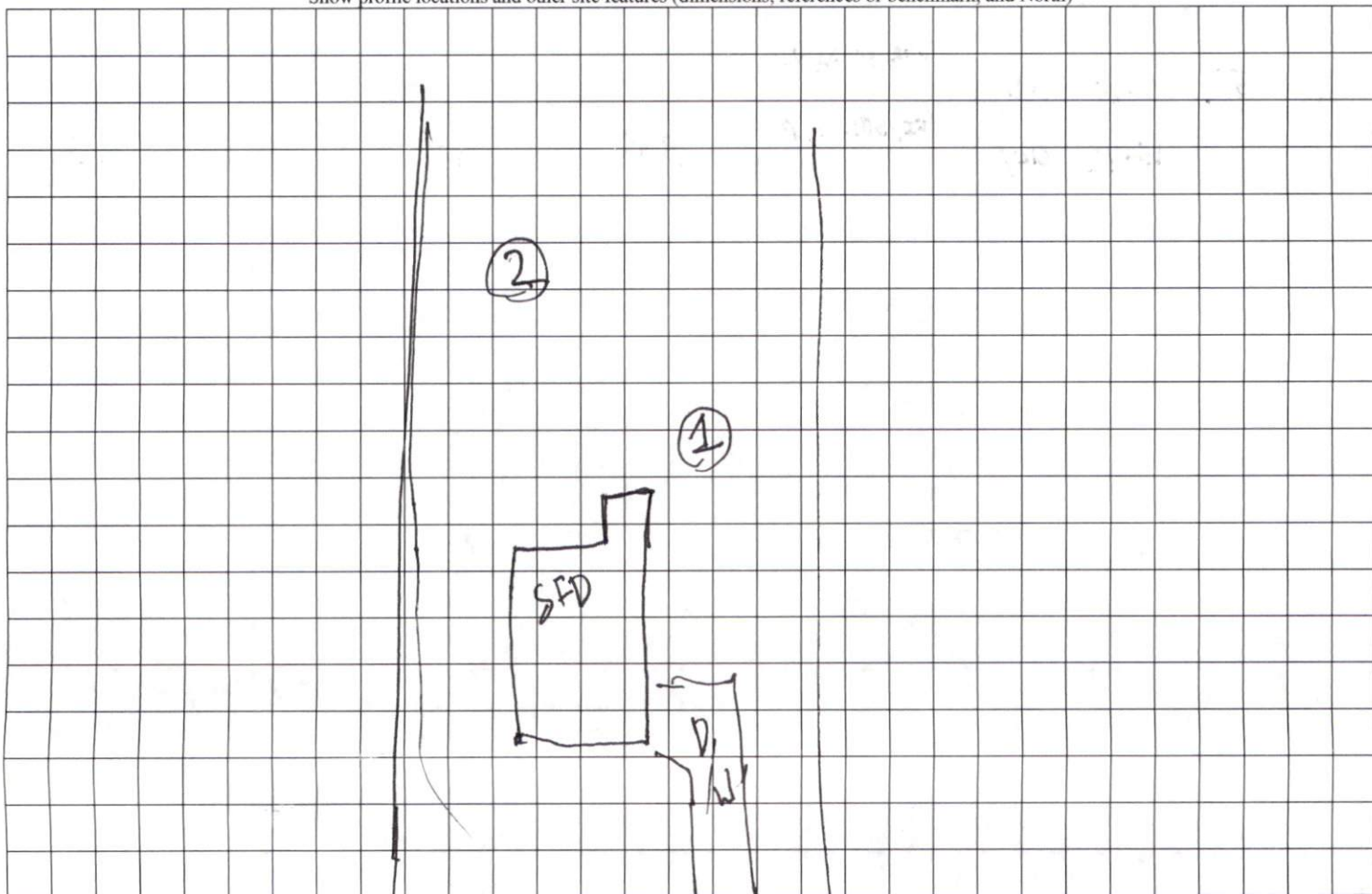
STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

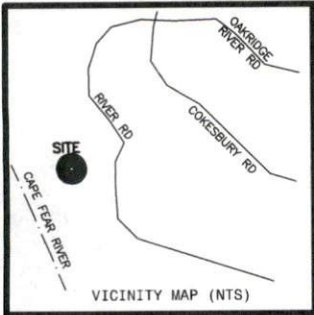
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



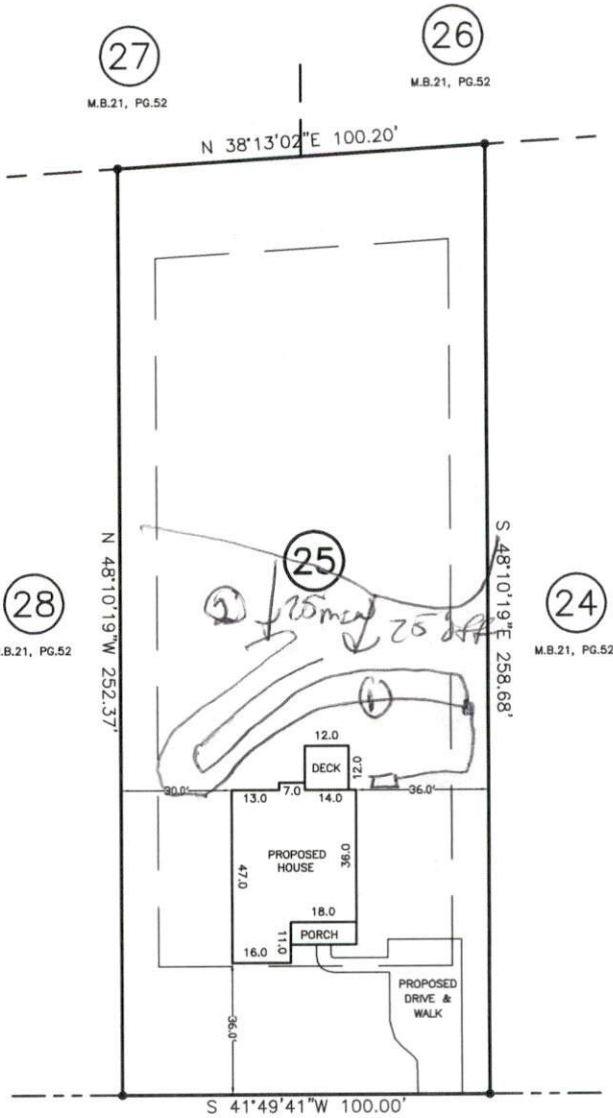
Nalder Trace



- LEGEND
- NTS NOT TO SCALE
 - EIP EXISTING IRON PIPE
 - PP POWER POLE
 - W/M WATER METER
 - TB TELEPHONE BOX
 - IPS IRON PIPE SET
 - CP&L TRANSFORMER
 - CATV CABLE TV BOX
 - L POLE LIGHT POLE
 - OHPL OVERHEAD POWER LINE
 - F.E.S. FLARED END SECTION (PIPE)
 - RCP REINFORCED CONC. PIPE
 - B.O.C. BACK OF CURB
 - F.H. FIRE HYDRANT
 - C/O SEWER CLEAN OUT
 - EIS EXISTING IRON STAKE
 - M.H. MANHOLE
 - EDM EXISTING CONCRETE MONUMENT
 - CP COMPUTED POINT

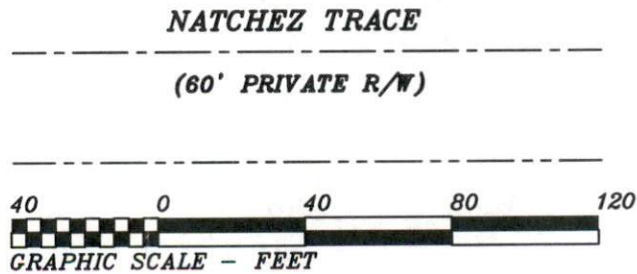


1-L 0-75L 42"
7-448/14
2L 0-75L OUT,
15-42 38"



NOTES:
 (A) THE PROPERTY SHOWN HEREON IS SUBJECT TO ALL EASEMENTS OF RECORD AFFECTING SAME.
 (B) NO TITLE SEARCH HAS BEEN PERFORMED BY THIS FIRM DURING THE COURSE OF THIS SURVEY.
 (C) THIS SURVEYOR DOES NOT CERTIFY TO THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITIES THAT MAY OR MAY NOT BE PRESENT ON THIS SITE.

NOTE: SHOWN IS LOT 25 OF CAPTAIN'S LANDING S/D BLOCK 4
 REF: M.B.21, PG.52
 AREA = 0.586 ACRES
 318 NATCHEZ TRACE



THIS IS TO CERTIFY THAT THIS MAP WAS PREPARED FROM AN ACTUAL SURVEY OF THE PREMISES, MADE UNDER MY SUPERVISION, AND THAT THERE ARE NOT ANY ENCROACHMENTS, EXCEPT AS NOTED TO THE BEST OF MY KNOWLEDGE. THAT THE RATIO OF PRECISION AS CALCULATED BY LATITUDES AND DEPARTURES IS 1:10,000. THIS MAP WAS PREPARED FOR TITLE COMPANY USE AND IS NOT INTENDED FOR RECORDATION OR CONVEYANCES WITHOUT WRITTEN AUTHORIZATION OF THE SURVEYOR AND OTHER APPROPRIATE OFFICIALS.

PROFESSIONAL LAND SURVEYOR
 L-3247

PRELIMINARY PLAT
NOT FOR RECORDATION

PRELIMINARY PLOT PLAN FOR:
JOHNNY CARROLL

BUCKHORN TWP., HARNETT CO., N.C.
 SCALE 1" = 40' JUNE 29, 2023

MAULDIN - WATKINS SURVEYING, P.A.
 P.O. BOX 444 / 139 N. MAIN ST.
 FUQUAY VARINA, NORTH CAROLINA 27526
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1870-25