DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: _____
COUNTY: _____

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

(Complete all fields in full)

OWNER: Benjamin Stout Real Estate Services INC DATE EVALUATED: 1-5-24
ADDRESS: 120 Alder ct, Dunn, 28334
PROPOSED FACILITY: SFD 41.83'x 38.5' PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: _____
EVALUATION METHOD: (Auger Boring) Pit Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0502(d) SLOPE CORRECTION
1	2-3% LS	0-11	SL, gr	Fr, NS, NP, SE	7.5YR 5/8 5/2 = 32"	48"			.35	1
		11-32	SCL, SBK	Fr, SS, NP, SE						
		32-48	CL, WK SBK	Fr, SS, NP, SE						
2, 3, 4	2-3% LS	0-14	SL, gr	Fr, NS, NP, SE	7.5YR 5/8 7/1 = 29"	48"			.35	1
		14-29	SCL, SBK	Fr, SS, NP, SE						
		29-48	CL, WK SBK	Fr, SS, NP, SE						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	✓	✓
System Type(s)	25% Red	50% Red
Site LTAR	.35	.35
Maximum Trench Depth	16	16

SITE CLASSIFICATION (.0509): S
EVALUATED BY: RL/JM
OTHER(S) PRESENT: _____

Comments: _____

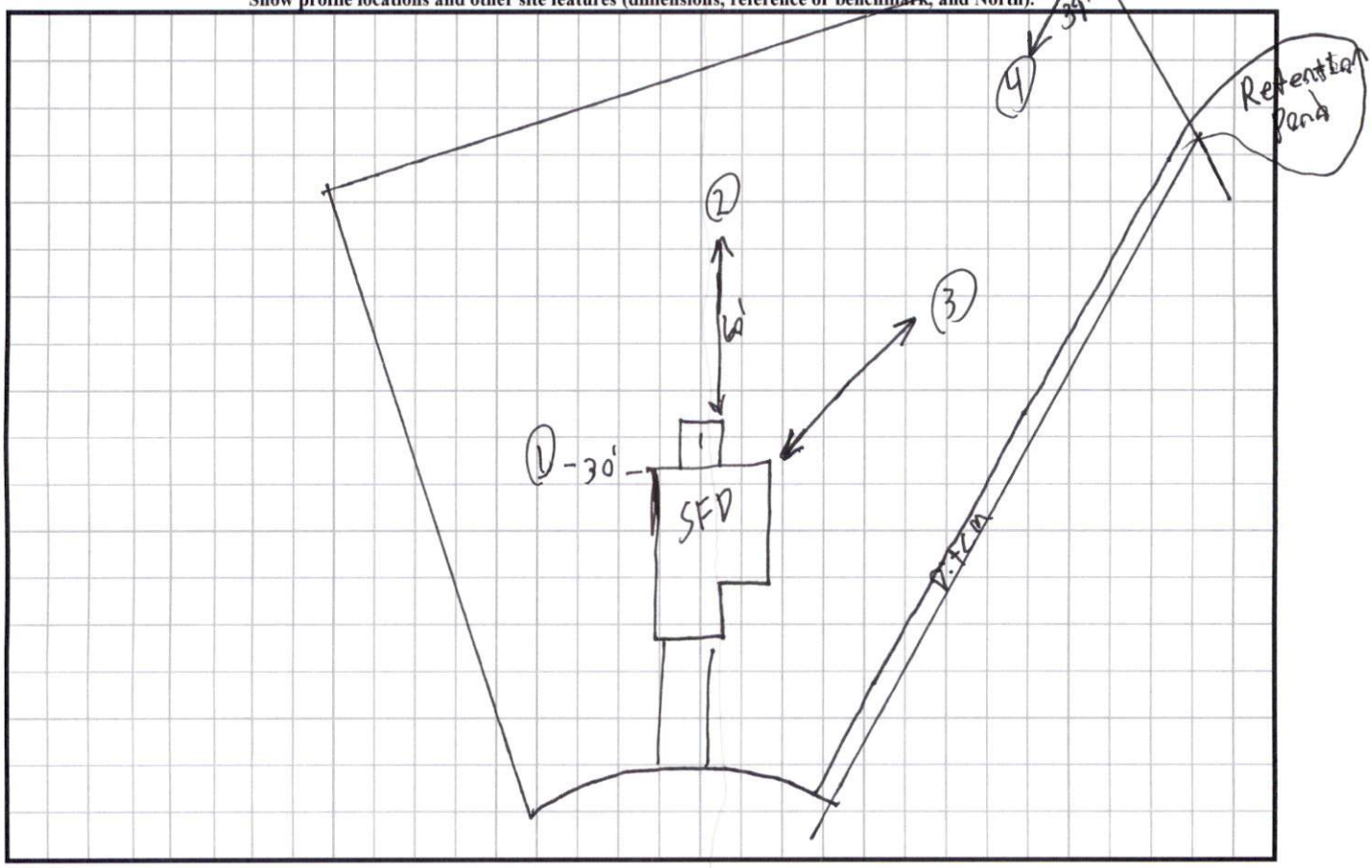
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

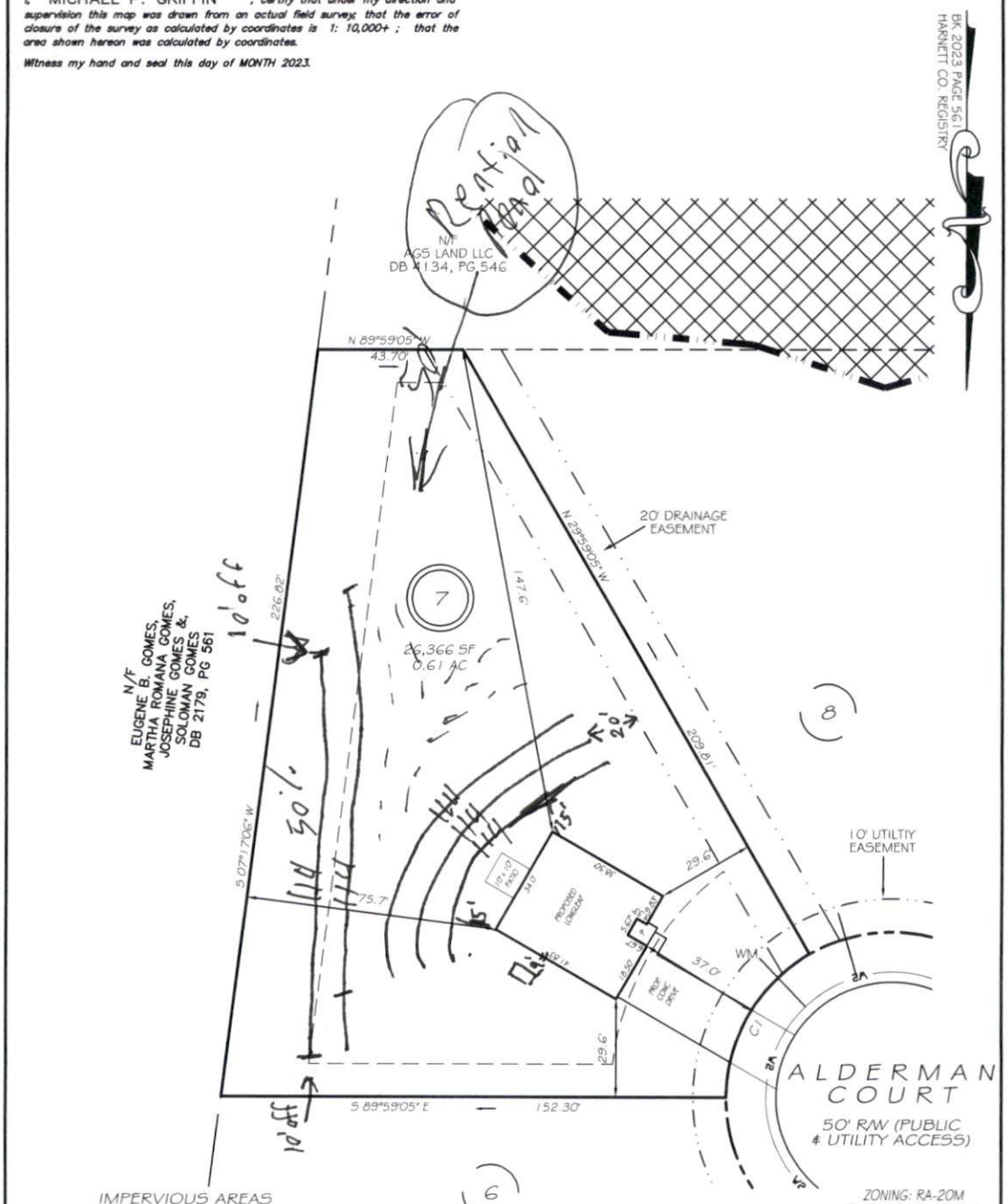
HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

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



I 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.



IMPERVIOUS AREAS

HOUSE	1392 SQ. FT.
DRIVE & WALKS	663 SQ. FT.
PATIO	100 SQ. FT.
TOTAL	2155 SQ. FT.

ZONING: RA-20M

SETBACKS

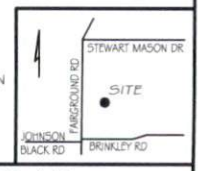
FRONT	35'
REAR	25'
SIDE	10'
CORNER SIDE	20'

C1 R=50.00' L=52.36' S30°00'55"W 50.00'

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) - 567 - 1963

DRAWN BY KDF | DATE 11/15/23

CHECKED BY MPG | SCALE 1" = 40'

PLOT PLAN
FOR
BEN STOUT CONSTRUCTION
FAIRGROUND FARMS
LOT 7
ALDERMAN COURT
DUNN, N.C.
HARNETT COUNTY AVERASBORO TOWNSHIP