	Page 1 of
PROPERTY ID #:	SFD 2403- 0012
	Hospith

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full)

OWNE	R: Sn:HA D ESS: 145 OSED FACILITY	englas	· .	(complete an			DA7	E EVALU	ATED: 3	14-24
PROPO	OSED FACILITY FION OF SITE:	SFD 4	16' ×68' PR	OPOSED DESIGN	FLOW (.0400):			ERTY SIZE		
		Public Sir	ngle Family Well	Shared Well	Spring Oth	er			SETBACK:	
EVAL	UATION METH	OD: Auge	er Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		отны	R PROFIL	E FACTO	ORS		
I L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	,0503 SLOPE CORRE CTION
	2-3 %. LS	0-30	54,91	Fr, NS, SP, SE	7/1 = 82 <sup>N</sup>	48"			.45	
		30-32	SCL SBK	Fry SyND, SE						
		32-48	CL, WKSIK	Fr.S., ADJSE						
2	2-3% L3	0-22	SL, BT Sel SBR	Fr. LS. NP. SE Fr. LS. No. CF	7/1=3411	4811				
		34-48	U, HKAK	F1,55, AP, 5E					.45	
	2-3%	0-1/17	56795	Fr. NS, No, SE						
3	15	26-26	SCL, SBK	Fr, 55, NP, SE	7/1-26"	48"			.4	
¥ 5		20- 40	a, " 94 K	F1,55,18,58						
4										
_										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)		,	SITE CLASSIFICATION (.0509):
System Type(s)	25% Rea	25% Re	EVALUATED BY: 22
Site LTAR	. 4	.4	OTHER(S) PRESENT:
Maximum Trench Depth	1311	1311	

## **LEGEND**

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL SAPROLITE LTAR (gpd/ft²) LTAR (gpd/ft²)		LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE		
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)		
CV (Convex Slope)	1	LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)		
D (Drainage way)	. 11	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)		SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)		
H (Head slope)		SCL (Sandy clay loam)	0.3 - 0.6	0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)		
L (Linear Slope)		CL (Clay loam)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)		
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)			
R (Ridge/summit)		Si (Silt)		None	**		VP (Very plastic)	e*		
S (Shoulder slope)		SC (Sandy clay)						SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)				
TS (Toe Slope)		C (Clay)						-		
		O (Organic)	None							

<sup>\*</sup> Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

Thickness and depth from land surface

RESTRICTIVE HORIZON 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

S (Suitable) or U (Unsuitable)

CLASSIFICATION Show profile locations and other site features (dimensions, reference or benchmark, and North). 0 3

<sup>\*\*</sup>Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

## 48.0 PROPOSED **AVERY B** SLAB 2 CAR - LEFT 4 12.5 PO 16.0 19.5 SW DW INSET SCALE: 1"=20'

#### LOT INFORMATION:

PIN: 0693-46-2521.000 REFERENCE: DB. 4212 PG 1222 TOTAL LOT AREA = 0.58 AC = 25,165 SF MAX. IMPERVIOUS = 5,500 SF HOUSE = 2,805 SF PORCH = 67 SF SIDEWALKS = 85 SE DRIVEWAY = 617 SF PATIO = 120 SF PROPOSED IMPERVIOUS = 3.694 SF PERCENT IMPERVIOUS = 14.68%



#### NOTES:

- 1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
- 2. THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
- 3. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT.
- 4. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
- 5. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
- 6. THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS. BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE
- 7. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM
- 8. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
- 9. THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD AREA. IT IS LOCATED IN ZONE "X" PER F.E.M.A. MAP NUMBER 3720068200J DATED 10/03/2006
- 10. ZONING: RA-30
- 11. PROPERTY OWNER:

SMITH DOUGLAS HOMES 2520 RELIANCE AVENUE APEX. NC 27539



#### CURVE TABLE CURVE RADIUS LENGTH CHORD DIRECTION CHORD 525.00' N36°03'59"E 85.20



#### BUILDING SETBACKS

REAR - 25' SIDE - 10' SIDE CORNER - 20



### **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

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#### LEGEND

PO = PORCH CP = COVERED PORCH SP = SCREENED PORCH

SW = SIDEWALK
DW = CONC DRIVEWAY
SP = SCREENED PORCH

P = CONCRETE PATIO

⊗ = COMPUTED POINT O = IRON PIPE FOUND (IPF)

. = IRON PIPE SET (IPS) = DRILL HOLE FOUND WM = WATER METER

CO = CLEAN OUT AC = AIR CONDITIONER PAD

= CABLE BOX = SEWER MANOLE = TELEPHONE PEDESTAL

CB = CATCH BASIN HE = HAND HOLE

= ELECTRIC BOX \*= FIRE HYDRANT

YI = YARD INLET G = GAS METER E = ELECTRIC METER LW = LEAD WALK

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN LINDER MY DIRECT SUPERVISION FROM A SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE BLOCK ); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION USTED UNDER REFERENCES: THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA. L-4752



This map is of an existing parcel of land and is only intended for the parties and purposes shown. This map not for recordation. No title report provided.

BUILDER TO VERIFY HOUSE LOCATION DIMENSIONS AND REVIEW TOTAL IMPERVIOUS NOTED ON THIS PLOT PLAN

## PRELIMINARY PLOT PLAN

FOR

### SMITH DOUGLAS HOMES

TOBACCO ROAD - PHASE 1 & 3 - LOT 155 145 ORIENTAL STREET, ANGIER, NC BLACK RIVER TOWNSHIP, HARNETT COUNTY

DATE: 2/27/24 DRAWN BY: AHB CHECKED BY: SPC

REFERENCE: BM 2023 PGS. 563-568 BCS# 230801 SCALE: 1" = 50"