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: Applicant:	
Address: Date Evaluated:	
Proposed Facility: 38000 Design Flow (.1949): 360	Property Size:
Location of Site: Property Recorded:	
Water Supply: Public Individual Well	Spring Other
Evaluation Method: Auger Boring Pit	_ Cut
Type of Wastewater: Sewage Industrial Process	s Mixed

P R O I I Landscape E Position/ Slope % (In.)		SOIL MORPHOLOG		OTHER PROFILE FACTORS				
	Depth	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
2.5		G 52	VERNOW					
	16-34	SBK SCL	FR SS/SP					P5.4
	0-12	G SL	VED WIM					
	1936	SBX SCL	m syst					PS.4
	Landscape Position/ Slope %	Landscape Position/ Slope % (In.) L 5 2-5 O-16	1940	Landscape Position/ Slope % (In.) Log Consistence Mineralogy Log Consistence Mineralogy	1940	1940 1941 1942 1943 1948 1949 1941	1940 1941 1942 1943 1956 1968	1940 1941 1941 1942 1943 1956 1944 1945 1946 1946 1946 1947 1947 1947 1948

Description	Initial	Repair System	Other Factors (.1946):
	System	/	Site Classification (.1948): \(\sqrt{5} \)
Available Space (.1945)	- V	V	Evaluated By:
System Type(s)	BNUB	TO 25%	Others Present:
Site LTAR	. 24	5	

COMMENTS: ____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE	1	S-SAND LS-LOAMY SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTY STICKY
FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE	II	SL-SANDY LOAM L-LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC
CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	Ш	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.6 - 0.3		SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC

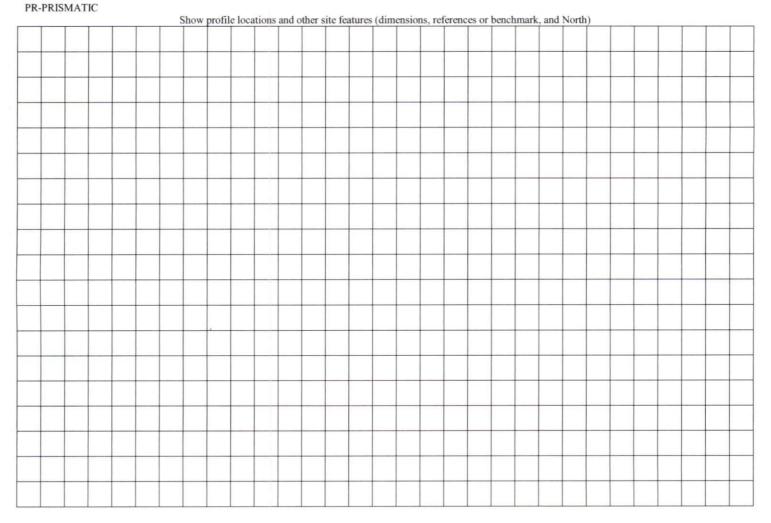
IV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY

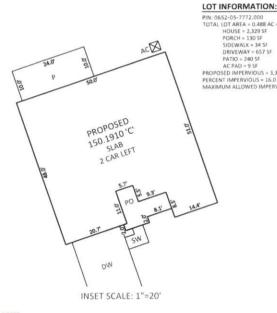
SC-SANDY CLAY

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

MINERALOGY SLIGHTLY EXPANSIVE

EXPANSIVE





NOTES:

- THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
- THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND/OR PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE
- THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
- THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
- NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
- 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.
- THE PROPERTY LIES IN ZONE 'X' PER NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP #3720064200J, DATED OCTOBER 03 2006.
- 10. ZONING IS: RA-40
 11. A 5' PUBLIC UTILITY EASEMENT LIES PARALLEL TO THE ROADWAY RIGHT OF WAY ALONG EACH SIDE, EXCEPT OPEN SPACE 4.
- 12. PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC. 4506 S. MIAMI BLVD. #100 **DURHAM, NC. 27703**

CURVE TABLE						
CURVE RADIUS		LENGTH	CHORD DIRECTION	CHORD		
C2	285.00	120.78	N07"31'54"W	119.88		

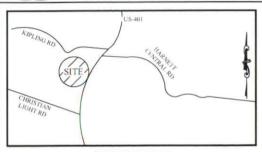




Bateman Civil Survey Company

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VICINITY MAP

(Not to Scale)

LEGEND

PO = PORCH

P = PATIO SP = SCREENED PORCH OR PATIO CP = COVERED PORCH OR PATIO WD= WOOD DECK

SW= SIDEWALK

DW= CONC DRIVEWAY

■ COMPUTED POINT = IRON PIPE FOUND = IRON PIPE SET (IPS)

WID = WATER METER AIR CONDITIONER

ELECTRIC BOX

= CABLE BOX = TELEPHONE PEDESTAL = LIGHT POLE = CURB INLET = YARD INLET

= FIRE HYDRANT HP = HANDICAP PORTAJOHN WITH SCREENING
S = SEWER MANHOLE

= FIRE HYDRANT TR = TRASH RECEPTACLES

BUILDING SETBACKS: FRONT = 35 ft SIDE = 10 ft REAR = 25 ft

CORNER SIDE = 20 f

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER 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 LISTED UNDER REFERENCES: FROM INFORMATION LISTED UNDER REFERENCES;
THAT THE RATIO OF PRECISION AS CALCILLATED IS
1:10,000+, AND THAT THIS MAP MEET LIFE
REQUIREMENTS OF THE STANDARGE PRACTICE FOR
LAND SURVEYING IN NORTH CAROL VA. L-4752
DATED:

> 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

KB HOMES

BIRCHWOOD GROVE - LOT 111 JOHN STARK DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DRAWN BY: BMN CHECKED BY: SPC DATE: 3/1/22

REFERENCE: BK2022, PGS, 69-72

PROJECT# 220207

SCALE: 1"= 30°