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:	3 BOSSW	Design Flow (.1949): 3600	Property Size:	
Location of Site:	\	Property Recorded:		
Water Supply:	Publi	□ Individual □ Well	☐ Spring	☐ Other
Evaluation Method	d: Auger Boring	☐ Pit ☐ C	Cut	
Type of Wastewate	er: 🛛 Sewa	ge Industrial Process	☐ Mixed	

P R O F I	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				
L E #			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
١	52	0-16	652	VFD NS/AP					1
		16-38	SEKC	F12 s)59					P5 - 35
2		0-18	GSL	VF2 NS/89 FR2 S/SP					
		18-36	SBXC	FR 5/59					PS .35
							40		
17									
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948):	P \
Available Space (.1945)		V	Evaluated By:	OY
System Type(s)	25%	(26)	Others Present:	
Site LTAR	.35	.35		

COMMENTS: ____

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

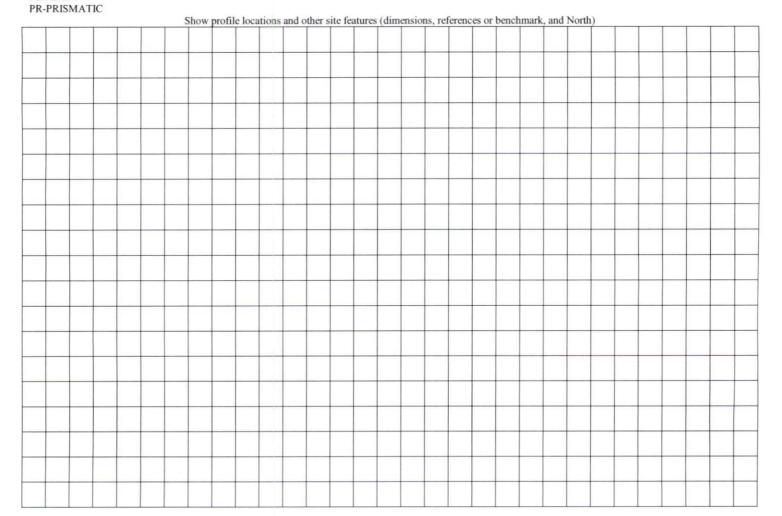
IV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY

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





- 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 BLDCX.
- 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.LR.M. MAP #3720064200J, DATED OCTOBER 03 2006.
- A 5' PUBLIC UTILITY EASEMENT LIES PARALLEL TO THE ROADWAY RIGHT OF WAY ALONG EACH SIDE, EXCEPT OPEN SPACE 4.
- PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC. 4506 S. MIAMI BLVD. #100 **DURHAM, NC. 27703**

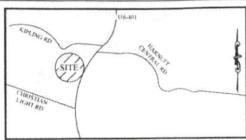
CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD	
C17	285.00	163.93	\$24'32'45'E	161.68	





Bateman Civil Survey Company

Engineers • Surveyors • Planners 2524 Robence Avenue, Apar. NC 27539 Ph. 919.577 1050 Fax: 919.577.1081 www.batamancodourvay.com infeditore NCBELS Firm Re. C-2378



VICINITY MAP

(Not to Scale)

LEGEND

- WO WOOD DECK
 SW# SIDEWALK
 DW# CONC DRIVEWAY

 © = COMPUTED POINT

 O = IRON PIPE FOUND

 IRON PIPE SET (IPS)
- WATER METER CLEANOUT AIR CONDITIONER
- O = GABLE BOX
 O = TELEPHONE PEDESTAL
 O = LIGHT POLE
- CURB INLET
- PROM INFORMATION LISTED UNDER REFERENCES,
 THAT THE BATIO OF PRECISION AS CALCILLATED IS
 1,0,0,004, AND THAT THIS MAP MEETS THE
 REQUIREMENTS OF THE STANDARD TOMOTICE FOR
 LAND SURVEYING IN NORTH CAUCILLA L-4752
 DATED: CI = GUMB MLET
 YI = YARD MLET
 FH = FIRE HYDRANT
 HP = HANDROAP PORTAJOHN WITH SCREENING
 © = SEWER MANHOLE
- W . FIRE HYDRANT
- TR = TRASH RECEPTACLES

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

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.

I STEVEN P CARSON CERTIFY THAT THIS PLAT WAS

DRAWN UNDER MY DIRECT SUPERVISION FROM A

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

PRELIMINARY PLOT PLAN

FOR

KB HOMES

BIRCHWOOD GROVE - LOT 1 JOHN STARK DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 3/7/22

DRAWN BY: CPV CHECKED BY: SPC

REFERENCE BK2022 PGS 69-72

PROJECT# 220207

SCALE 1"= 30"