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: Proposed Facility:	3 BOTUN	Date Evaluated: Design Flow (.1949): 3605 Property Size:	
Location of Site: Water Supply: Evaluation Method	Auger B	Property Recorded:  Public Individual Well Spring  oring Pit Cut	Other
Type of Wastewate		Sewage	

P R O F I .1940 L Landscape E Position/ # Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS					
		.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR	
5	0.7 rs	0-12	6 SL	VFD NS/UP					
		12-38	SBY C	Fiz 35/59	107/2 = 24"				PS
		0-12	6 5L	गस्य भ्योप					
		13:28	Saxc	Fr salge	10927)= 038		5		P5 .47
							8		
				1					

Description	Initial	Repair System	Other Factors (.1946):	The state of the s
	System		Site Classification (.1948): <b>?</b> 5	
Available Space (.1945)	V	V	Evaluated By: (7)	
System Type(s)	3MQL. 25%	PANEL	Others Present:	
Site LTAR	. 4	. 4		

COMMENTS: \_\_\_\_

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE	I	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

SIC-SILTY CLAY 0.4 - 0.1 IV C-CLAY

SC-SANDY CLAY

MINERALOGY

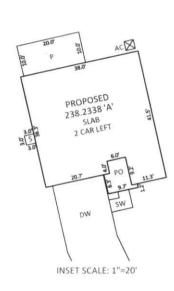
STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB GR-GRANULAR SBK-SUBANGULAR BLOCKY ABK-ANGULAR BLOCKY

PL-PLATY PR-PRISMATIC SLIGHTLY EXPANSIVE

EXPANSIVE

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

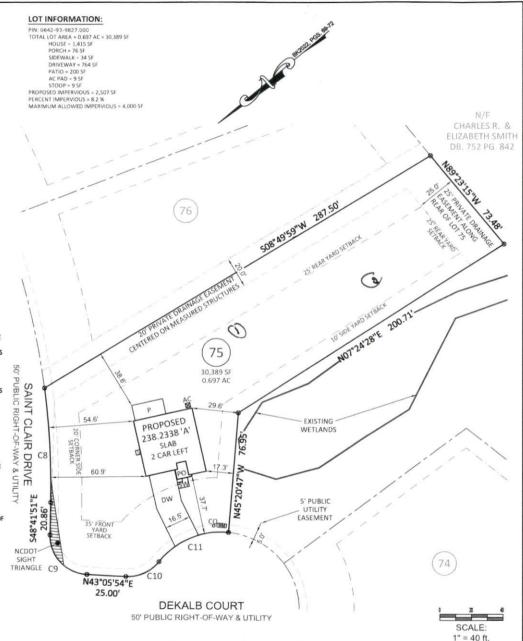
FILE#



### 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 2. 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
- 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 BLIFFERS 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.
- ZONING IS: RA-40
- ZONING IS: R04-40 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**

		CURV	E TABLE	
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD
C8	485.00	73.56	N53°02'33"W	73.49
C9	25.00'	38.49	S87°12'02"W	34.80
C10	25.00	23.95	S15°39'25"W	23.04
C11	50.00	50.17	S16"57'35"W	48.09

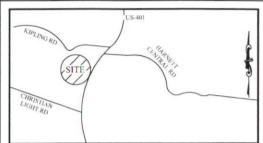




## **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

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### VICINITY MAP

(Not to Scale)

PO = PORCH

- CP = COVERED PORCH OR PATIO WD= WOOD DECK
- SW = SIDEWALK
  DW = CONC DRIVEWAY

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

# = TRASH RECEPTACLES

BUILDING SETBACKS

CORNER SIDE = 20 f

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY DIRECT SUPERVISION FROM A SURVEY MADE LINDER MY SUPERVISION (PLAT ROOK P = PATIO SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK SP = SCREENED PORCH OR PATIO REFERENCED IN TITLE BLOCK): THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED 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

REQUIREMENTS OF THE STANDARD LAND SURVEYING IN NORTH CAROLINATED:

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 75** DEKALB COURT, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 2/24/22 DRAWN BY: ALT CHECKED BY: SPC

REFERENCE: BK2022, PGS. 69-72

PROJECT# 220207