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

wner:	Applicant:			
Address:	- 00	Date Evaluated:		
Proposed Facility:	BO (1)	Design Flow (.1949): 360 56	Property Size:	
Location of Site:		Property Recorded:		
Water Supply:		□ Individual □ Well	☐ Spring	Other
Evaluation Method:	Auger Boring	☐ Pit ☐	Cut	
Type of Wastewater	r: Sewa	ge Industrial Process	s Mixed	
Type of Wastewater	r: Sewa	ge	s	

P R O F I	.1940			DRPHOLOGY 1941		OTHER ROFILE FACTOR	RS		
L E #	Landscape Position/ Slope %	Horizon Depth (In.)	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
J	L5 0-2	0-10	CSL	Mysu my					
		10-35	38RC	randap Fa s) p					P5.3
2		0-12	G 52	VE WIN					
			SBX C	VER NOTE PRESIDE					P5,3
									3
									,

escription	Initial	Repair System	Other Factors (.1946):
	System		Site Classification (.1948): \(\frac{1}{2}\)
Available Space (.1945)		1	Evaluated By: O
System Type(s)	1050 And	PANEL	Others Present:
Site LTAR	.3	.3	1800000 8 947 8700

COMMENTS: \_\_\_\_

LANDSCAPE POSITIONS	GROUP	TEXTURES	. <u>1955 LTAR</u>	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

IV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY

SLIGHTLY EXPANSIVE

SC-SANDY CLAY

MINERALOGY

**EXPANSIVE** 

**STRUCTURE** SG-SINGLE GRAIN M- MASSIVE

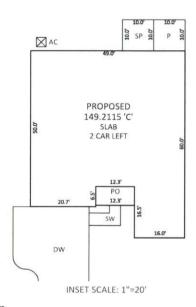
CR-CRUMB GR-GRANULAR

SBK-SUBANGULAR BLOCKY

ABK-ANGULAR BLOCKY

PL-PLATY PR-PRISMATIC



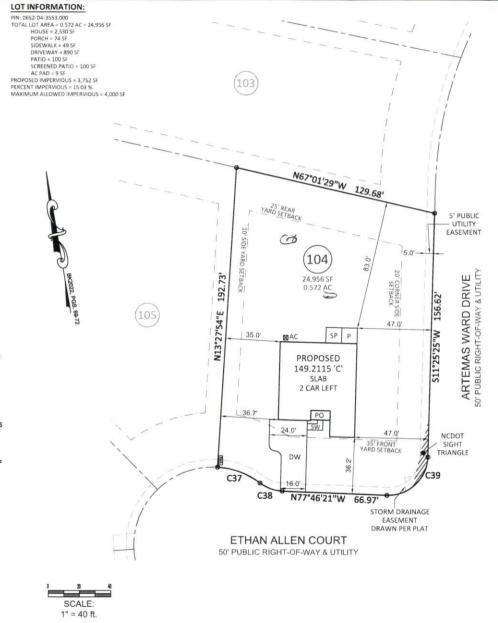


#### NOTES:

- 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
- 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
- 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
- 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	
C37	50.00'	29.35	S59°43'02"E	28.93	
C38	25.00	15.22"	S60°20'10"E	14.98'	
C39	25.00	39.52	N56°49'32"E	35.60°	

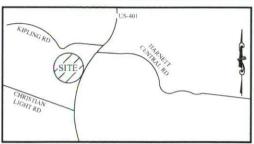




### **Bateman Civil Survey Company**

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www.batemancivilsurvey.com info@batemancivilsurvey.com NCBELS Firm No. C-2378



#### 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
S = COMPUTED POINT

O = IRON PIPE FOUND
O = IRON PIPE SET (IPS)
O = UNIT OF THE SET (IPS)
O = CLEANOUT

= AIR CONDITIONER AC = AIR CONDITIONER

ET = ELECTRIC BOX

C = CABLE BOX

T = TELEPHONE PEDESTAL

C = CURB INLET

YI = YARD INLET

FH = FIRE HYDRANT HP = HANDICAP PORTAJOHN WITH SCREENING

FIRE HYDRANT
TR = TRASH RECEPTACLES

BUILDING SETBACKS: CORNER SIDE = 20

SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE BLOCK I: THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000; AND THAT THIS MAP METES. HE REQUIREMENTS OF THE STANDARD PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA. L-4752 DATED:

I. STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS

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 104** ETHAN ALLEN COURT, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 4/4/22 DRAWN BY: AHB CHECKED BY: SPC

REFERENCE: BK2022, PGS. 69-72

PROJECT# 220207