Department of Environment, Health and Natural Resources Division of Environmental Health On-Site Wastewater Section

Applicant:

Owner:

Sheet: Property ID: Lot #: File #: Code:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

P R O F I L E	.1940 Landscape 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
- 1	L5 2-5	0-16	CSL	VAL NOTUP		7			
		16-34	SBKC	VATY No lup FIL slot					P5 .35
Q		033	6 SL	VFRNSIR					
		22-36	SBK C	VFRUSHP FR 3/58					P5 ·35
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Site Classification (.1948): P >

Evaluated By: 37

Others Present:

Repair System

PUMP 25% DED

Initial

System

Description

System Type(s) Site LTAR

Available Space (.1945)

COMMENTS: ____

LANDSCAPE POSITIONS	<u>GROUP</u>	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	П	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

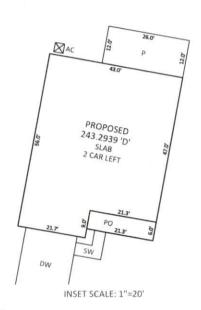
STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB GR-GRANULAR SBK-SUBANGULAR BLOCKY ABK-ANGULAR BLOCKY

SLIGHTLY EXPANSIVE

EXPANSIVE

PL-PLATY PR-PRISMATIC Show profile locations and other site features (dimensions, references or benchmark, and North)

1 . . .

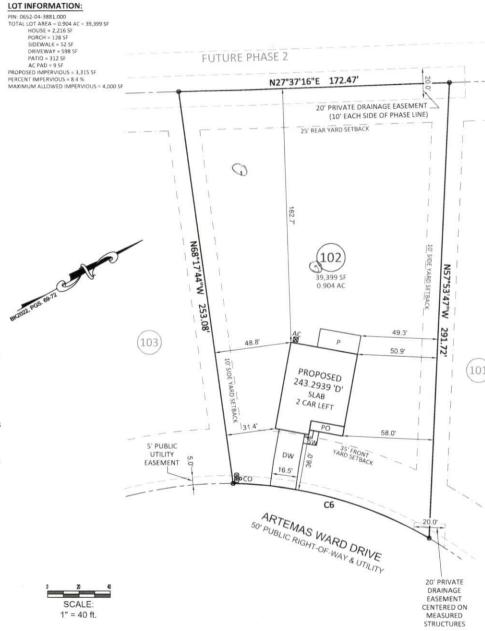


NOTES:

- 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 BUIEFERS 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
- 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			
C6	255.00	131.06'	N45°10'27*E	129.62			

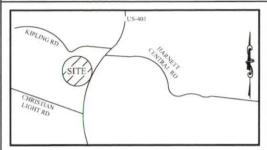




Bateman Civil Survey Company

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VICINITY MAP

(Not to Scale)

LEGEND

PO = PORCH

= PATIO = SCREENED PORCH OR PATIO SP = SCREENED PORCH OR PATIO CP = COVERED PORCH OR PATIO WD = WOOD DECK SW = SIDEWALK

DW = CONC DRIVEWAY

S = COMPUTED POINT

IRON PIPE FOUND
 IRON PIPE SET (IPS)
 WATER METER
 CO = CLEANOUT
 AC = AIR CONDITIONER

AC = AIR CONDITIONER

ELECTRIC BOX

= CABLE BOX

= TELEPHONE PEDESTAL

C = CURB INLET

YI = YARD INLET

FIRE HYDRANT

FH = 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 UNDER MY SUPERVISION (PLAT BOOK 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 THAT THE RATIO OF PRECISION AS CALCILLATED IS 1:10,000+; AND THAT THIS MAP MEETS HE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA 1:4752 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 102 ARTEMAS WARD DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 2/28/22 DRAWN BY: BMN CHECKED BY: SPC

REFERENCE: BK2022, PGS, 69-72

PROJECT# 220207

SCALE: 1"= 40"