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:	3805W	Date Evaluated: Design Flow (.1949)		Property Size:	
Location of Site: Water Supply: Evaluation Method	Public Auger Boring	Property Recorded Individual Pit	: Well Cut	☐ Spring	Other
Type of Wastewate		ge Indu	strial Process	☐ Mixed	

E Position				PRPHOLOGY 1941					
	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
1	PS 0-9	0-H	65L	VFR WAR					
		18.36	SBXSCL	VFR WHIP FR 55/59					85
2		0-16	C SL	VF2 NS/VP					
		16-36	SBKOCL	VFR 15/19 FR 35/59					P5

Description	Initial	Repair System	Other Factors (.1946):
	System		Site Classification (.1948):
Available Space (.1945)	7	V	Evaluated By:
System Type(s)	\$ N €	P25%	Others Present: —
Site LTAR	· 14	3 7	0

COMMENTS: \_\_\_\_

LANDSCAPE POSITIONS	<u>GROUP</u>	TEXTURES	. <u>1955 LTAR</u>	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE	Ι	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	П	SL-SANDY LOAM L-LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC
H-HEAD SLOPE 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	EFI-EXTREMELY FIRM	SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC

IV SIC-SILTY CLAY C-CLAY

0.4 - 0.1

SC-SANDY CLAY

SC-SANDY CLAY

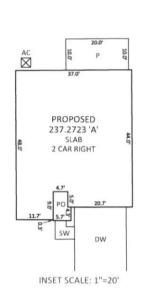
STRUCTURE
SG-SINGLE GRAIN
M- MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY

PR-PRISMATIC

MINERALOGY SLIGHTLY EXPANSIVE

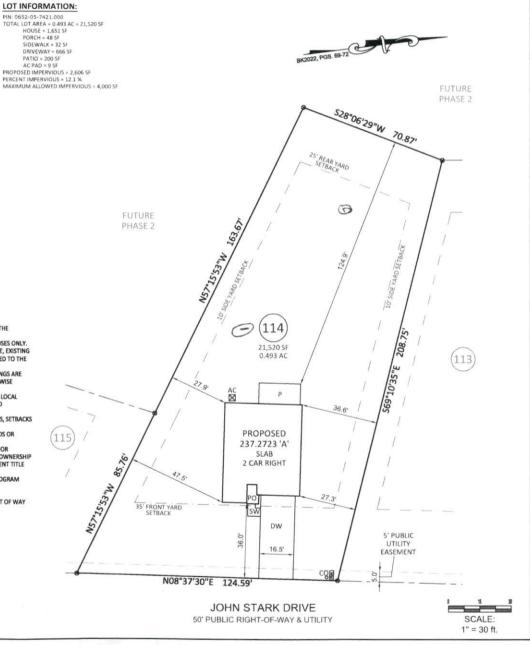
**EXPANSIVE** 

					5	Show	profil	e loca	tions	and o	ther s	ite fea	atures	(dim	ensior	ıs, ref	erenc	es or	bench	mark	and	North	)	,			
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### 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
- 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.
- PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC. 4506 S. MIAMI BLVD. #100 **DURHAM, NC. 27703**

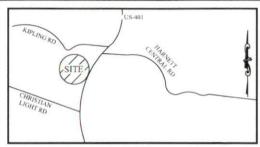




# **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

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#### VICINITY MAP

(Not to Scale)

#### LEGEND

PO = PORCH P = PATIO SP = SCREENED PORCH OR PATIO

CR = COVERED PORCH OR PATIO

CP = COVERED PORCH
WD= WOOD DECK
SW= SIDEWALK
DW= CONC DRIVEWAY
S = COMPUTED POINT

= IRON PIPE FOUND = IRON PIPE SET (IPS)

WWD= WATER METER CO = CLEANOUT AC = AIR CONDITIONER

C = AIR CONDITIONER

EED = ELECTRIC BOX

C = CABLE BOX

T = TELEPHONE PEDESTAL

C = LIGHT POLE

C = CUBB INITET

© = LIGHT POLE
CI = CURB INLET
YI = YARD INLET
FH = FIRE HYDRANT
HP = HANDICAP PORTAJOHN WITH SCREENING
© = SEWER MANHOLE

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 LINDER 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
1:10,000+; AND THAT THIS MAP MEETS. HE
REQUIREMENTS OF THE STANDARD OF PRACTICE FOR
LAND SURVEYING IN NORTH CAROLINA, L-4752
DATED:

FROM INFORMATION LISTED UNDER REFERENCES;

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

## PRELIMINARY PLOT PLAN

FOR

#### **KB HOMES**

BIRCHWOOD GROVE - LOT 114 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