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

Applicant:

Owner:

Description

Available Space (.1945) System Type(s) Site LTAR

# Slope % (In.) Structure/ Consistence Mineralogy Wetness/ Color Depth (IN.) Sapro Class Horiz & Soil Depth (IN.) Class Horiz & Soil Class & Horiz &	
Texture Mineralogy Color Depth (IN.) Class Horiz &  L3 C5L O.D VF1.9) N  Depth (IN.) Class Horiz &	Profile
	Class & LTAR
	25.9
25 40 28x SXL FR 5/59	
2240 58x 5cl FR 5/59	
	.35

Other Factors (.1946): Site Classification (.1948):

Others Present:

Evaluated By: OX

Repair System

PANEL

Initial System

259-

COMMENTS: \_\_\_\_

LANDSCAPE POSITIONS	<b>GROUP</b>	TEXTURES	. <u>1955 LTAR</u>	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE	1	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 C-CLAY

0.4 - 0.1

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

			,	,		Show	profil	e loca	tions	and o	ther s	ite fea	itures	(dim	ensior	ıs, ref	erenc	es or	bench	mark	, and	North	1)					_
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### LOT INFORMATION:

PIN: 0652-06-5192.000 TOTAL LOT AREA = 0.486 AC = 21,173 SF HOUSE = 2,197 SF PORCH = 51 SF SIDEWALK = 76 SF DRIVEWAY = 594 SE PATIO = 200 SF

AC PAD = 9 SE PROPOSED IMPERVIOUS = 3,127 SF PERCENT IMPERVIOUS = 14.77 %
MAXIMUM ALLOWED IMPERVIOUS = 4.000 SF

10' x 10' PUBLIC UTILITY EASEMENT MEASURED FROM FIRE HYDRANT (TYP.) N81°46'41"W 100.00' 5' PUBLIC UTILITY FASEMENT

29.2

29.9'

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 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
- 11. 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 RIVD #100 **DURHAM. NC. 27703**

CURVE TABLE										
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD						
C26	25.00	39.61'	\$36°40'10"E	35,60						





NCDOT SIGHT TRIANGLE (TYP.)

THOMAS

GAGE

DRIVE

JOHN STARK DRIVE 50' PUBLIC RIGHT-OF-WAY & UTILITY

ELITURE

PHASE 3

OPEN SPACE 1

43'29"W

17

5' PUBLIC UTILITY

EASEMENT

20.6

19.9

CO

25' REAR YARD SETBACK

18

21,173 SF

0.486 AC

PROPOSED

150.1773 'A'

SLAB

2 CAR RIGHT

SW

N82°03'49"W 74.66'

DW

16.5

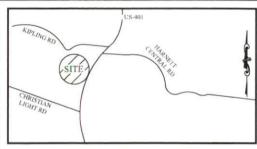
35' FRONT YARD SETBACK



# **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

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#### VICINITY MAP

(Not to Scale)

### LEGEND

PO = PORCH P = PATIO

S = STOOP SP = SCREENED PORCH OR PATIO

SP = SCREENED PORCH OR PATIO
CP = COVERED PORCH OR PATIO
WD = WOOD DECK
SW = SIDEWALK
DW = CONC DRIVEWAY
© = COMPUTED POINT
O = IRON PIPE FOUND
= IRON PIPE SET (IPS)
WATER METER

CO = CLEANOUT AC = AIR CONDITIONER

AC = AIR CONDITIONER

ET = ELECTRIC BOX

C = CABLE BOX

T = TELEPHONE PEDESTAL

C = LIGHT POLE

CI = CURB INLET

YI = YARD INLET

H = FIRE HYDBANT

EH = FIRE HYDRANT

HP = HANDICAP PORTAJOHN WITH SCREENING
S = SEWER MANHOLE

FIRE HYDRANT

TR = TRASH RECEPTACLES

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

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; FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP METS. HE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CARDINA, L-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 - PHASE 2 - LOT 18 JOHN STARK DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 8/3/22 DRAWN BY: CPV CHECKED BY: SPC

REFERENCE: MB 2022 PGS. 313-315 PROJECT# 220207 SCALE: 1\*= 30'