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:			
2 22 20	Date Evaluated:		
& BUILTI	Design Flow (.1949): 360 550	Property Size:	
~	Property Recorded:		
	ic Individual Well	☐ Spring	Other
Auger Boring	☐ Pit ☐ Cut		
Sew Sew	age Industrial Process	☐ Mixed	
	BORN Publi Auger Boring	Date Evaluated: Design Flow (.1949): 360 90  Property Recorded: Public Individual Well Auger Boring Pit Cut	Date Evaluated: Design Flow (.1949): 360 SP Property Size: Property Recorded: Public Individual Well Spring Auger Boring Pit Cut

F I .194	.1940			RPHOLOGY 1941	PI	OTHER ROFILE FACTOR	.s		
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
1	L5	0-14	G 52						
		14-34	S&K C	75/2 5/31					P5 .35
7		0-14	6 5 4	VA7-105) MP					
		12-34	38x c	VAL NS/MP FOLS/SP					P5.35
								~	
							,		

Description	Initial	Repair System	Other Factors (.1946):
	System		Site Classification (.1948):
Available Space (.1945)			Evaluated By:
System Type(s)	25%	RED	Others Present:
Site LTAR	.35	.35	

COMMENTS: \_\_\_\_

LANDSCAPE POSITIONS	<u>GROUP</u>	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	Ш	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

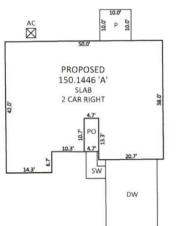
SC-SANDY CLAY

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

MINERALOGY SLIGHTLY EXPANSIVE

**EXPANSIVE** 

R-PRIS	T			5	Show	profil	e loca	tions	and o	ther s	ite fea	tures	(dime	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
- 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 #372006420QJ, DATED OCTOBER 03 2006.
- 10 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 BLVD. #100
  - **DURHAM, NC. 27703**

#### LOT INFORMATION:

PIN: 0652-15-0503.000 TOTAL LOT AREA = 0.483 AC = 21.050 SE HOUSE = 1,868 SF PORCH = SOSE SIDEWALK = 41 SF DRIVEWAY = 660 SF PATIO = 100 SF AC PAD = 9 SF PROPOSED IMPERVIOUS = 2 728 SE PERCENT IMPERVIOUS = 13.0 % MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF

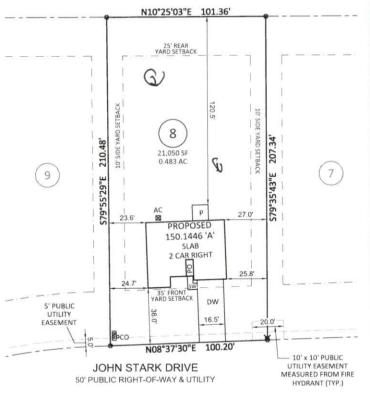
SCALE

1" = 40 ft.



**OPEN SPACE 7** 

100' PRIME VIEWS & VISTAS

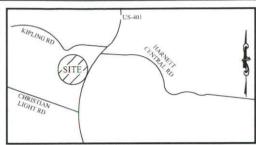




# **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081 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 SP = SCRÉENED PORCH OR PATIO
  CP = COVERED PORCH OR PATIO
  WD= WOOD DECK
  SW= SIDEWALK
  DW= CONC DRIVEWAY

  © = COMPUTED POINT
  O = IRON PIPE SET (IPS)

  WATER METER
  CO = CLEANOUT
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- AC = AIR CONDITIONER

  [EE] = ELECTRIC BOX

  © = CABLE BOX

  [] = TELEPHONE PEDESTAL

  Q = LIGHT POLE

  CI = CURB INLET
- CI = CURB INLE
- EH = FIRE HYDRANT
- = FIRE HYDRANT
- TR = TRASH RECEPTACLES

CORNER SIDE = 20

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 PARCTICE FOR LAND SURVEYING IN NORTH CARDINA. 1-4752 DATED.

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

SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK

NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES;

REFERENCED IN TITLE BLOCK ); THAT THE BOUNDARIES

DRAWN LINDER MY DIRECT SUPERVISION FROM A

HP = HANDICAP PORTAJOHN WITH SCREENING

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.

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

# PRELIMINARY PLOT PLAN

FOR

# **KB HOMES**

**BIRCHWOOD GROVE - LOT 8** 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

SCALE: 1"= 40"

