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:	2001	Date Evaluated	l:			
Proposed Facility: 3	BOXEN	Design Flow (.	 1949): 360 JR	0	Property Size:	
Location of Site:		Property Recor	ded:			
Water Supply:	Public Public	☐ Individual	☐ Well		☐ Spring	Other
Evaluation Method:	Auger Boring	F	Pit [Cut		
Type of Wastewater:	Sewa	ge 🔲 I	ndustrial Proces	SS	☐ Mixed	

R O F I .1940 L Landscape E Position/ # Slope %			RPHOLOGY 1941						
	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 2.5 0-1		0-12	G 52	UFTINS/NP Fe s/sp					
		12-36	8x c	Fe 5/59					P5 .35
<i>ک</i>		0.12	651	JBQ NS/NP					
		12-34	SBKC	VR2 NS/NF FO2 S/SP					P5 .35
			_						

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): \mathcal{C}
Available Space (.1945)	1	1	Evaluated By: C>
System Type(s)	25%	PGD	Others Present:
Site LTAR	.35	.35	

COMMENTS: ____

LANDSCAPE POSITIONS	GROUP	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	III	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

T			3	how	orome	cioca	tions	and 0	uici s	ite iea	itures	(dillic	213101	15, 101	Ciclic	03 01	CHOI	III.	, und	Torus				
																			7					
																							100	
																						_	-	_
																						. 1		
-																_			-					
-																-								
+																								
	-																							
			-6																	1				
_			 					_							_								-	
-	-		_			-				_		_				_								_
-	-																							



LOT INFORMATION:

HOUSE = 2,329 SF PORCH = 114 SF

SIDEWALK = 34 SF

PROPOSED IMPERVIOUS = 3,692 SF PERCENT IMPERVIOUS = 13.8 %

MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF

AC PAD = 9 SE

PIN: 0652-16-1023.000 TOTAL LOT AREA = 0.615 AC = 26.811 SF

DRIVEWAY = 1,106 SF COVERED PATIO = 100 SF

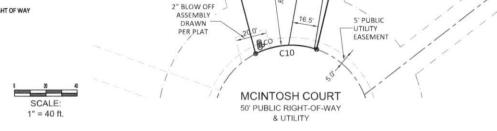
FUTURE PHASE 3

14

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 FASEMENTS OF RECORD. ENCLIMBRANCES, 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**

		CURV	E TABLE	
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD
C10	50.00'	40.00	\$34°20'49°E	38.94



MAC

13

26,811 SF

0.615 AC

PROPOSED

150.1910 'A'

SLAB

2 CAR RIGHT

DW



NCDOT DRAINAGE

EASEMENT PLOTTED

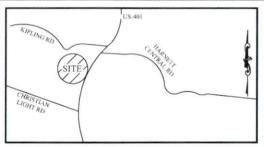
RECORDED PLATS

OPEN SPACE 7

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

- DW= CONC DRIVEWAY

 S = COMPUTED POINT
 I = IRON PIPE FOUND
 I = IRON PIPE SET (IPS)
- = IRON PIPE SET
- CLEANOUT AIR CONDITIONER
- ELECTRIC BOX CABLE BOX TELEPHONE PEDESTAL
- LIGHT POLE
- CURB INLET
- FIRE HYDRANT
- HP = HANDICAP PORTAJOHN WITH SCREENING
 S = SEWER MANHOLE
- = FIRE HYDRANT

TR = TRASH RECEPTACLES

BUILDING SETBACKS:

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 1:10,000+; AND THAT THIS MAP MEETS THE

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

1:10,000+; AND THAT THIS MAP MEET LIVE
REQUIREMENTS OF THE STANDARD OF PRACTICE FOR
LAND SURVEYING IN NORTH CANDINA 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 13 MCINTOSH COURT, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 3/6/22

DRAWN BY: BMN CHECKED BY: SPC

REFERENCE: BK2022, PGS. 69-72

PROJECT# 220207

SCALE: 1"= 40"