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:		Date Evaluated:		
Proposed Facility:	3 Born	Design Flow (.1949): 360 00	Property Size:	
Location of Site:		Property Recorded:		
Water Supply:	Publi	c Individual Well	☐ Spring	Other
Evaluation Method		Pit 🗌 Cut		
Type of Wastewate	r: Sewa	industrial Process	☐ Mixed	

P R O F I .1940			SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				
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
3	7-10	0-36	G LS WI COBOLLS	VFT 15/20 FR 5/50					
		36-48	SBK C	FR 5/58					P5.35
2	L5 7-10	0-36	G LS COB	VARLASTUP FR stop			-		
		36-48	SBK C	FR slop					P5 .35
3	L9 2.5	036	W 200	VFR 12/29 FR 5/29				2	
		36-48	SBK C	FD 5/29					P.35
			150					-	

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948):
Available Space (.1945)			Evaluated By:
System Type(s)	25%,800	98	Others Present: MA
Site LTAR	115	-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 0.4 - 0.1 C-CLAY

SC-SANDY CLAY

**STRUCTURE** SG-SINGLE GRAIN M- MASSIVE CR-CRUMB GR-GRANULAR

MINERALOGY SLIGHTLY EXPANSIVE

**EXPANSIVE** 

SBK-SUBANGULAR BLOCKY ABK-ANGULAR BLOCKY PL-PLATY PR-PRISMATIC

Show profile locations and other site features (dimensions, references or benchmark, and North)



PIN: 0652-05-7844 000 TOTAL LOT AREA = 0.482 AC = 21,010 SF HOUSE = 1,415 SF PORCH = 152 SF SIDEWALK = 34 SE DRIVEWAY = 1,313 SF PATIO = 100 SF AC PAD = 9 SF



PROPOSED IMPERVIOUS = 3,023 SF PERCENT IMPERVIOUS = 14.4 % MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF

**FUTURE** 

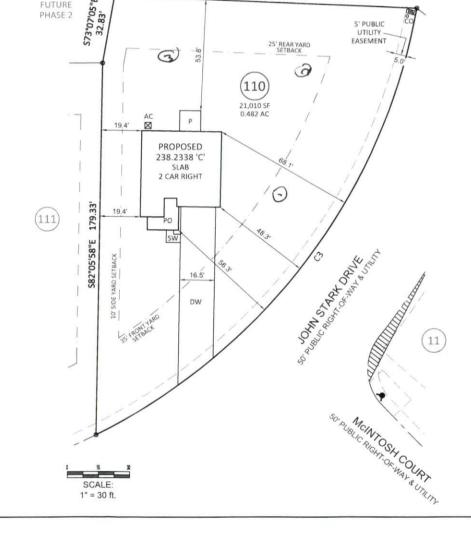


INSET SCALE: 1"=20'

#### 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.
- A 5' PUBLIC UTILITY EASEMENT LIES PARALLEL TO THE ROADWAY RIGHT OF WAY ALONG FACH SIDE. FXCEPT 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		
C3	285.00"	265.65	N46°22'31"W	256.13		



FUTURE

PHASE 2

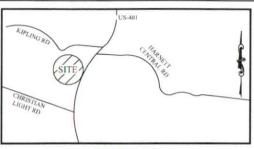
N09°25'03"E 144.48'



# **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

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## VICINITY MAP

(Not to Scale)

#### LEGEND

- PO = PORCH
- PO = PORCH
  P = PATIO
  SP = SCREENED PORCH OR PATIO
  CP = COVERED PORCH OR PATIO
- WD= WOOD DECK SW= SIDEWALK
- SW= SIDEWALK
  DW= CONC DRIVEWAY

  © = COMPUTED POINT

  O = IRON PIPE FOUND

  E 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

- CI = CURB INLET YI = YARD INLET FH = 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 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 E PRACTICE FOR
LAND SURVEYING IN NORTH CARGINA. L-4752.
DATED:

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;

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 110** JOHN STARK DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 3/8/22

DRAWN BY: CPV CHECKED BY: SPC

REFERENCE: BK2022, PGS. 69-72

PROJECT# 220207

SCALE: 1"= 30"