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:	5 BDRM	Design Flow (.1949): 600 cd	Property Size:	
Location of Site:	~	Property Recorded:	K T I N	
Water Supply:	Publ	ic Individual Well	☐ Spring	Other
<b>Evaluation Method</b>				
Type of Wastewate	r: Sew	age	☐ Mixed	
р				

			1						
P R O F I .1940			SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				
3	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
	25	0-20	652	VEDNSINK				4.	
		20-40	SBR SCL	VFD NS/NX					P5 . \$
			1.500				, ,		
7		0-23	6 2 F	VAZ NS/NP					
		23-42	38250	FR 35/58					P5 .4
							·		
					0		11		
			vi .	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	±		0		
					1 y				

Description	Initial	Repair System	Other Factors (.1946):
	System		Site Classification (.1948): 75
Available Space (.1945)	V	V	Evaluated By: OX
System Type(s)	25%	R-62	Others Present:
Site LTAR	, 64	,21	CONTRACTOR OF THE SECOND

COMMENTS: \_\_\_\_

FS-FOOT SLOPE II SL-SANDY LOAM 0.8 - 0.6 FI-FIRM S-STICKY N-NOSE SLOPE L-LOAM VFI-VERY FIRM VS-VERY STICKY H-HEAD SLOPE EFI-EXTREMELY FIRM NP-NON-PLASTIC	LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
N-NOSE SLOPE H-HEAD SLOPE CC-CONCLAVE SLOPE CV-CONVEX SLOPE SIL-SILT LOAM  VFI-VERY FIRM EFI-EXTREMELY FIRM NP-NON-PLASTIC SP-SLIGHTLY STICK SP-SLIGHTLY STICK P-PLASTIC	S-SHOULDER SLOPE			1.2 - 0.8		NS-NON-STICKY SS-SLIGHTY STICKY
CV-CONVEX SLOPE SIL-SILT LOAM P-PLASTIC	N-NOSE SLOPE	- 50.14		0.8 - 0.6	VFI-VERY FIRM	VS-VERY STICKY
FP-FLOOD PLAN SCL-SANDY CLAY LOAM	CV-CONVEX SLOPE T-TERRACE		SIL-SILT LOAM CL-CLAY LOAM	0.6 - 0.3		

IV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY

SC-SANDY CLAY

STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB

MINERALOGY SLIGHTLY EXPANSIVE

**EXPANSIVE** 

GR-GRANULAR SBK-SUBANGULAR BLOCKY

ABK-ANGULAR BLOCKY

PL-PLATY PR-PRISMATIC

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



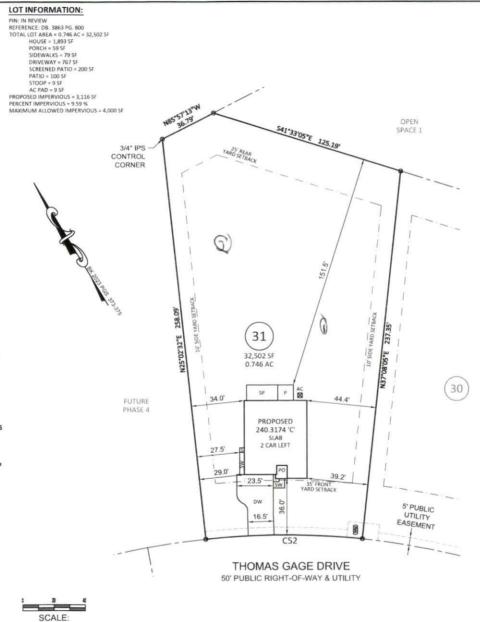
#### NOTES:

- 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 FASEMENTS, 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
- A 5' PUBLIC UTILITY EASEMENT LIES PARALLEL TO THE ROADWAY RIGHT OF WAY ALONG EACH SIDE AND AROUND WATER METERS.
- PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC.

4506 S. MIAMI BLVD. #100 **DURHAM, NC. 27703** 

		CURV	E TABLE	
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD
C52	475.00	100.25	S58°54'42*E	100.06

1" = 40 ft.

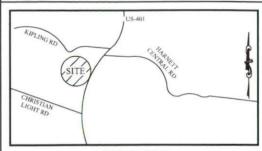




## **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

2524 Reliance Avenue, Apex. NC 27539 Ph: 919,577,1080 Fax: 919,577,1081 info@batemancivilsurvey.com NCBELS Firm No. C-2378



#### **VICINITY MAP**

(Not to Scale)

#### LEGEND

- PO = PORCH P = PATIO SP = SCREENED PORCH OR PATIO
- CP = COVERED PORCH OR PATIO WD= WOOD DECK
- SW = SIDEWALK
  DW = CONC DRIVI = CONC DRIVEWAY = COMPUTED POIN
- = IRON PIPE FOUND = IRON PIPE SET (IPS)
- = IRON PIPE SET = CLEANOUT
- AIR CONDITIONER AC = AIN - A

- HP = HANDICAP PORTAJOHN WITH SCREENING

  S = SEWER MANHOLE
- = FIRE HYDRANT
- S = CONCRETE STOOP

BUILDING SETBACKS: FRONT = 35 ft SIDE = 10 ft REAR = 25 ft CORNER SIDE = 20

THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000; AND THAT THIS MAP MEETS LIFE REQUIREMENTS OF THE STANDARD PRACTICE FOR LAND SURVEYING IN NORTH CARDINA. 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

NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED LINDER REFERENCES

THAT THE RATIO OF PRECISION AS CALCULATED IS

REFERENCED IN TITLE BLOCK ): THAT THE BOUNDARIES

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 3 - LOT 31 THOMAS GAGE DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 8/4/23 DRAWN BY: CPV CHECKED BY: SPC

REFERENCE: BK 2023 PGS. 373-375

PROJECT# 220207

SCALE: 1"= 40"