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 BR	Design Flow (.1949): 360000	Property Size:	
Location of Site:	Property Recorded:		
Water Supply: Public	c Individual	☐ Spring	Other
Evaluation Method: Auger Boring	☐ Pit ☐ Cut		
Type of Wastewater: Sewa	age Industrial Process	☐ Mixed	

P R O F I	R O F I .1940		SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				
E Position/ Dept	Position/	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
١	0.5 72	0-12	6 27	VFR walk					
		1236	SBKC	VFR NAMP FR S/SP					P.S.
a		C .17	0.5	. h l. o					
Q.		1236	38xc	VFD 25/59					P5.3
9									
,									

Description	Initial	Repair System	Other Factors (.1946):
	System	/	Site Classification (.1948):
Available Space (.1945)			Evaluated By:
System Type(s)	PUNP:	15% RO	Others Present:
Site LTAR	3	-3	

COMMENTS: \_\_\_\_

LANDSCAPE POSITIONS	<b>GROUP</b>	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTY STICKY
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
CC-CONCLAVE SLOPE	Ш	SI-SILT	0.6 - 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			

IV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY

STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB

MINERALOGY SLIGHTLY EXPANSIVE

SC-SANDY CLAY

GR-GRANULAR

EXPANSIVE

SBK-SUBANGULAR BLOCKY

ABK-ANGULAR BLOCKY

PL-PLATY PR-PRISMATIC

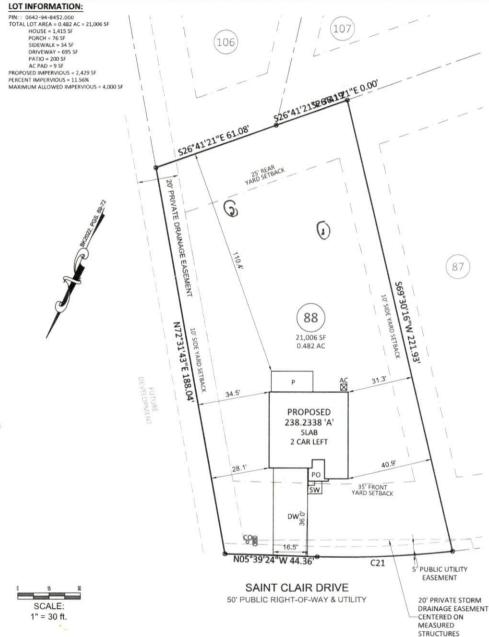
Show profile locations and other site features (dimensions, references or benchmark, and North)

#### 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 EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
- NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIDARIAN BUIEFERS 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 BLVD. #100 DURHAM, NC. 27703

		CURV	E TABLE		
CURVE RADIUS		LENGTH	CHORD DIRECTION	CHORD	
C21	475.00	64.98	S69°34'32"E	64.93	

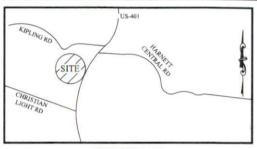




# **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

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#### VICINITY MAP

(Not to Scale)

PO = PORCH

P = PATIO SP = SCREENED PORCH OR PATIO CP = COVERED PORCH OR PATIO WD= WOOD DECK

- SW= SIDEWALK
  DW= CONC DRIVEWAY
  S = COMPUTED POINT
- = IRON PIPE FOUND = IRON PIPE SET (IPS)
- WATER METER
  CO = CLEANOUT
  AC = AIR CONDITIONER
  THE ELECTRIC BOX

  = CABLE BOX
  TI = TELEPHONE PEDESTAL
  C = CURB INLET

  = VARB INLET

- CI = COMB INLE!
  YI = YARD INLE!
  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 I

THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000; AND THAT THIS MAP METE THE REQUIREMENTS OF THE STANDARD PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA L-4752 DATED:

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

SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK

REFERENCED IN TITLE BLOCK & THAT THE BOLINDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN

DRAWN UNDER MY DIRECT SUPERVISION FROM A

FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS

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 88** 268 SAINT CLAIR DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 4/13/22

DRAWN BY: AHB CHECKED BY: SPC

REFERENCE: BK2022, PGS. 69-72

PROJECT# 220207

SCALE: 1"= 30"