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:	360180	Design Flow (.1949): 3 SOON	Property Size:	
Location of Site:	~ `	Property Recorded:		
Water Supply:	Public	☐ Individual ☐ Well	☐ Spring	Other
Evaluation Method		☐ Pit ☐ Cut	5-00-000 A0000	
Type of Wastewate	r: Sewa	ge Industrial Process	Mixed	

P R O F I .1940 L Landscape E Position/ # Slope %			SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				
	sition/ Depth	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR	
7	L5	0-16	G S L	VAC IS/NP					
		1630	58K C	VAR IS/NP					P5 .35
2		0-12	G SZ GAKIL	WENTER THE STA		1			
		0-12	SSKC	MSH					P3.35
									3
									26
			-,						

Description	Initial	Repair System	Other Factors (.1946):
	System	/	Site Classification (.1948):
Available Space (.1945)	V	V .	Evaluated By: O
System Type(s)	25%	DOD DANEL	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	II	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

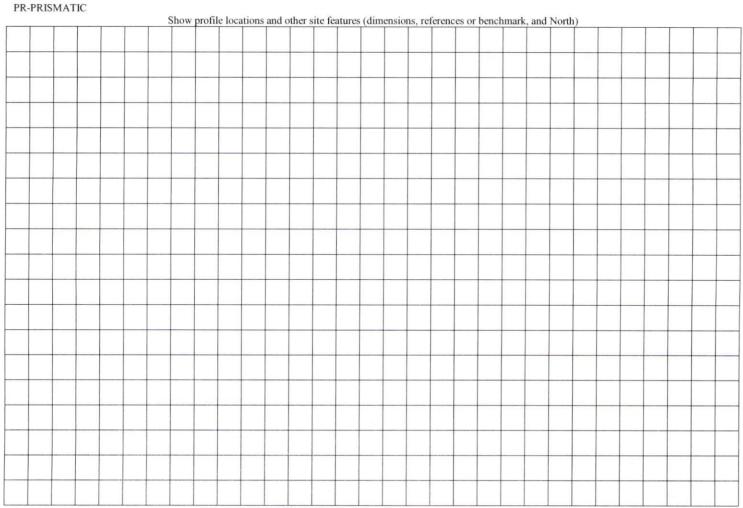
IV SIC-SILTY CLAY 0.4 - 0.1 C-CLAY

SC-SANDY CLAY

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

MINERALOGY SLIGHTLY EXPANSIVE

EXPANSIVE



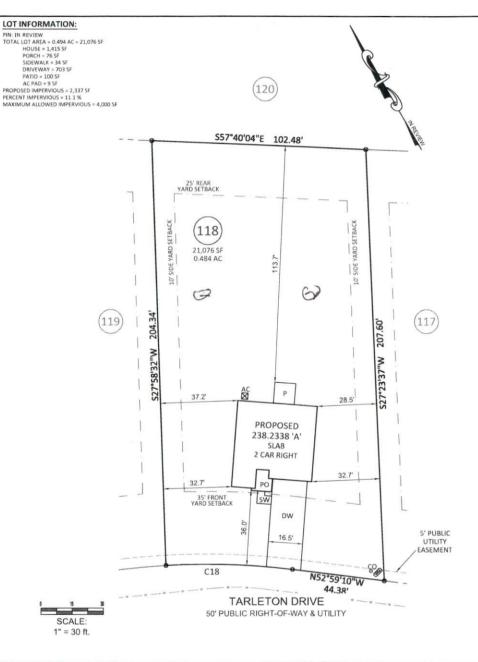


### NOTES:

- 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
- 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
C18	335.00	60.68	N58°10'33"W	60.60

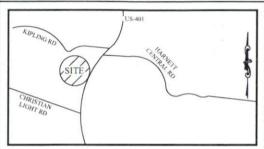




## **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

2524 Reliance Avenue, Apex. NC 27539 Ph: 919.577,1080 Fax: 919.577.1081 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 DRIVEWAY

  S = COMPUTED POINT

  IRON PIPE FOUND

  IRON PIPE SET (IPS)
- WWD= WATER METER
- = CLEANOUT = AIR CONDITIONER
- CHECK POLE
- 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

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; FROM INFORMATION LISTED UNDER REFERENCES;
THAT THE RATIO OF PRECISION AS CALCULATED IS
1:10,000+; AND THAT THIS MAP MEETS. LIVE
REQUIREMENTS OF THE STANDARD OF PRACTICE FOR
LAND SURVEYING IN NORTH CAROLINA. L-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 - PHASE 2 - LOT 118 TARLETON DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

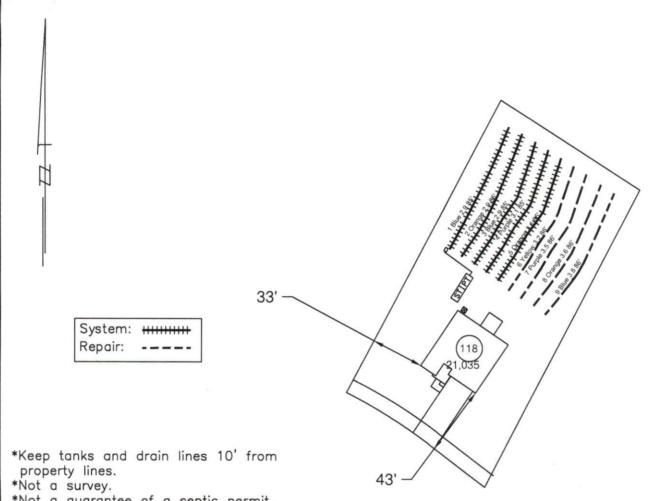
DATE: 6/8/22

DRAWN BY: TIN CHECKED BY: SPC

REFERENCE: IN REVIEW

PROJECT# 220207

SCALE: 1"= 30'



\*Not a guarantee of a septic permit.

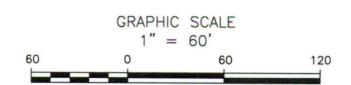
\*Keep supply lines >5' from property lines.

\*Some lines are flagged longer in the field than lengths indicate.

\*No grading septic area.

System: Pump to D-Box Lines: 1-5, (5x85'x3')Accepted Status System 0.35 Soil LTAR

Repair: Pump to D-Box Lines: 6-9, (4x86'x3') T&J Panel 50% Reduction 0.35 Soil LTAR





Central Carolina Soil Consulting, PLLC 1900 South Main Street, Suite 110 Wake Forest, North Carolina 27587 Phone (919)569-6704 Fax (919)569-6703

4-Bedroom Septic Layout Lot 118, Birchwood Subdivision Harnett County, North Carolina

Job# : 3753 Drawn By : LW Date: 7/20/2022 Revision: