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: A	pplicant:		
Address:	Date Evaluated:		
Proposed Facility:	Design Flow (.1949):	Property Size:	
Location of Site:	Property Recorded:		
Water Supply:	Public Individual Well	☐ Spring	Other
Evaluation Method:	Auger Boring Pit Cu	t	
Type of Wastewater:	Sewage Industrial Process	☐ Mixed	

P R O F I	.1940			PRPHOLOGY 1941	PR	OTHER	RS		
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
}	0.5 F2	0-6	GSL	VF02 125/V1					
		6.24	58K C	PI SJSR	10/07/2020,				P5 .3
2		0-6	G 52	VAUS VISTAR					
		6-24	SBKC	F1 3/59	10427/2 @24"				P5.3
								-	
	,								

Description	Initial	Repair System	Other Factors (.1946): $\rho <$
	System		Site Classification (.1948): 7
Available Space (.1945)			Evaluated By:
System Type(s)	1000 MOT	FILC OWNBER	Others Present:
Site LTAR	.3	.3	- CA-CA-CA-CA-CA-CA-CA-CA-CA-CA-CA-CA-CA-C

COMMENTS: ____

LANDSCAPE POSITIONS	GROUP	TEXTURES	. <u>1955 LTAR</u>	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	Ш	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 PR-PRISMATIC MINERALOGY SLIGHTLY EXPANSIVE

EXPANSIVE

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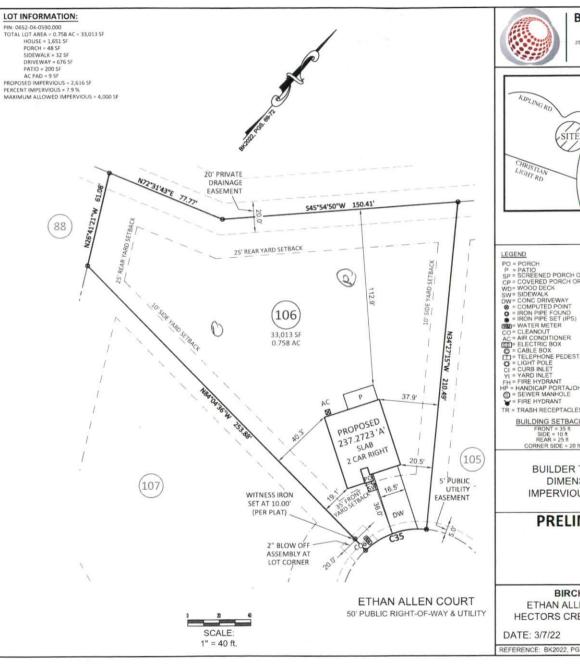
NOTES:

- 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.
- 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
C35	50.00	42.43'	N31°14'10"E	41.17

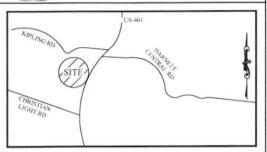




Bateman Civil Survey Company

Engineers • Surveyors • Planners

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VICINITY MAP

(Not to Scale)

LEGEND

- PO = PORCH
- PO = PORCH
 P = PATIO
 SP = SCREENED PORCH OR PATIO
 CCP = COVERED PORCH OR PATIO
 WD= WOOD DECK
 SW = SIDEWALK
 DW = COMD ERVEWAY
 COMPUTED POINT
 1909 NIBE FOLIND

- = IRON PIPE FOUND = IRON PIPE SET (IPS)

- = CABLE BUX = TELEPHONE PEDESTAL = LIGHT POLE = CURB INLET

- YI = YARD INLET FH = FIRE HYDRANT HP = HANDICAP PORTAJOHN WITH SCREENING
- S = SEWER MANHOLE
- FIRE HYDRANT TR = TRASH RECEPTACLES

BUILDING SETBACKS:

CORNER SIDE = 20 f

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;
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 CASCULAR, L-4752
DATED: 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 106 ETHAN ALLEN COURT, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 3/7/22

DRAWN BY: CPV CHECKED BY: SPC

REFERENCE: BK2022, PGS. 69-72

PROJECT# 220207

SCALE: 1"= 40"