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 Ev	valuated:		
Proposed Facility:	3 80001	Design	Flow (.1949): 360 grd	Property Size:	
Location of Site:	\	Property	y Recorded:		
Water Supply:	P	ublic Indi		☐ Spring	Other
Evaluation Method	d: Auger Bor	ing	☐ Pit ☐	Cut	
Type of Wastewate	er: DS	Sewage	☐ Industrial Process	☐ Mixed	
Р					

P R O F I	.1940			RPHOLOGY 1941		OTHER OFILE FACTOR	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
5	02	0.14	CIS	VFRNS)		1			g
		1434	28K C	VFRNS)49 FR S)X					P5 =
									-
2		0.18	GLS	VF2 NOW					1.6 1
		143(SBK C	VF2 NO NO					P\$.35
							4		
							1		
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				1		9			

Description	Initial	Repair System	Other Factors (.1946):
1000	System		Site Classification (.1948): \(\square\)
Available Space (.1945)	J	J	Evaluated By:
System Type(s)	23 %	CID	Others Present:
Site LTAR	.35	.35	

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

MINERALOGY SLIGHTLY EXPANSIVE

EXPANSIVE

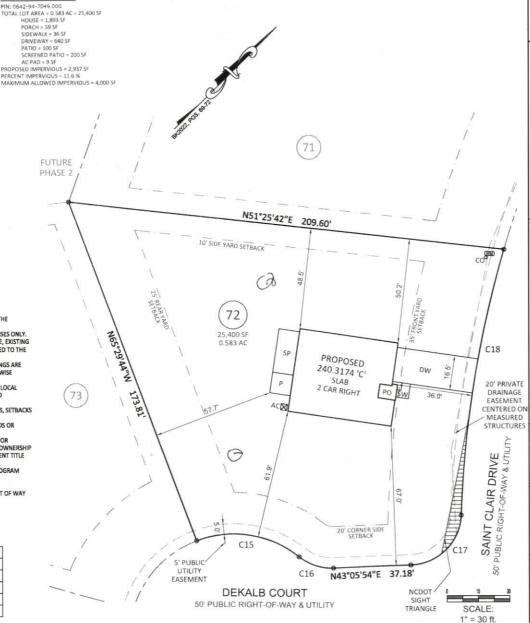
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LOT INFORMATION:

- 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.
- 10 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**

PLES		CURV	E TABLE	
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD
C15	50.00	51.82	N54°06'37"E	49.53
C16	25.00'	17.76'	N63°27'02"E	17.39
C17	25.00	37.49'	N00°08'04"E	34.08
C18	525.00	129.41	N35°46'05"W	129 08'

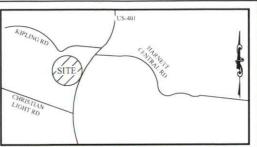




Bateman Civil Survey Company

Engineers • Surveyors • Planners

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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 POIN
- O = IRON PIPE FOUND
 IRON PIPE SET (IPS)
 WID = WATER METER
 CO = CLEANOUT
- AC = AIR CONDITIONER
- EB = ELECTRIC BOX

 C = CABLE BOX

 TELEPHONE PEDESTAL
- = LIGHT POLE = CURB INLET = YARD INLET
- FIRE HYDRANT
- HP = HANDICAP PORTAJOHN WITH SCREENING
- FIRE HYDRANT TR = TRASH RECEPTACLES

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

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.

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

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. HE
REQUIREMENTS OF THE STANDARD OF PRACTICE FOR
LAND SURVEYING IN NORTH CAROLINA, L-4752
DATED:

DRAWN LINDER MY DIRECT SUPERVISION FROM A

BUILDER TO VERIFY HOUSE LOCATION, DIMENSIONS AND REVIEW TOTAL IMPERVIOUS NOTED ON THIS PLOT PLAN

PRELIMINARY PLOT PLAN

FOR

KB HOMES

BIRCHWOOD GROVE - LOT 72 SAINT CLAIR DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DRAWN BY: BMN CHECKED BY: SPC DATE: 2/23/22

REFERENCE: BK2022, PGS. 69-72

PROJECT# 220207

SCALE: 1"= 30"