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: Date Evaluated: Design Flow (.1949): 36∂ Address: Property Size: Proposed Facility: 3 8000 Property Recorded: Location of Site: ☐ Spring Public Individual Other Water Supply: Evaluation Method: Auger Boring Sewage Type of Wastewater: ☐ Industrial Process ☐ Mixed

P R O F	.1940			PRPHOLOGY 1941	I	OTHER PROFILE FACTOR	.s		
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
)	25	0-12	6 SL	VALUSTAP					
		12-42	28x C	VALUSTAP					P.3
				,					
2		0-12	G SL	MAS MO(M				9 12	
		12-42	3BKC	MAZ WOLM FR SIP					PS 3
			3.						
									300

Description	Initial	Repair System	Other Factors (.1946):
	System		Site Classification (.1948).
Available Space (.1945)	V	7	Evaluated By
System Type(s)	25%	QD	Others Present:
Site LTAR	, 3	-3	

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 C-CLAY

0.4 - 0.1

SC-SANDY CLAY

STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB GR-GRANULAR MINERALOGY SLIGHTLY EXPANSIVE

EXPANSIVE

SBK-SUBANGULAR BLOCKY ABK-ANGULAR BLOCKY

PL-PLATY PR-PRISMATIC

_		_			Show	profil	e loca	tions	and o	ther s	ite fe	atures	(dim	ension	is, ref	erenc	es or	bench	mark	, and	North)				Т
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LOT INFORMATION:

PIN: 0642-95-1082.000 REFERENCE: DB. 3863 PG. 800 TOTAL LOT AREA = 0.533 AC = 23,217 SF HOUSE = 2 197 SF PORCH = 51 SF SIDEWALK = 76 SE DRIVEWAY = 594 SE

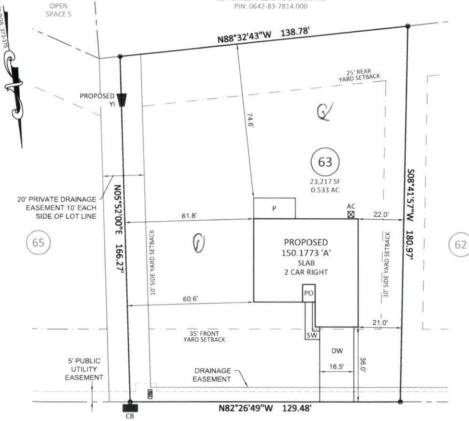
PATIO = 200 SE AC PAD = 9 SF PROPOSED IMPERVIOUS = 3.127 SF

PERCENT IMPERVIOUS = 13.47 % MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF

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 AND AROUND WATER METERS.
- 12. PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC.

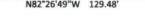
4506 S. MIAMI BLVD. #100 DURHAM, NC. 27703



KB HOMES RALEIGH DURHAM INC

SAINT CLAIR DRIVE 50' PUBLIC RIGHT-OF-WAY & UTILITY



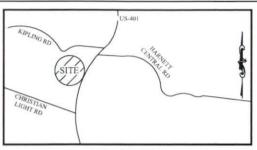




Bateman Civil Survey Company

Engineers • Surveyors • Planners

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VICINITY MAP

(Not to Scale)

LEGEND

- PO = PORCH
- P = PATIO SP = SCREENED PORCH OR PATIO
- 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)
- O = IRON PIPE FOUND
 O = IRON PIPE SET (IPS
 WATER METER
 CO = CLEANOUT
 AC = AIR CONDITIONER

- = ELECTRIC BOX
 = CABLE BOX
 = TELEPHONE PER TELEPHONE PEDESTAL
- CI = LIGHT POLE CI = CURB INLET YI = YARD INLET
- EH = 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

THAT THE RATIO OF PRECISION AS CALCULATED IS THAT THE NATIO OF PRECISION AS CALCULATED IS
1:0,000; AND THAT THIS MAP METS LIFE
REQUIREMENTS OF THE STANDARD PRACTICE FOR
LAND SURVEYING IN NORTH CARDINA. L-4752
DATED:

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

SURVEY MADE LINDER MY SUPERVISION (PLAT BOOK

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

REFERENCED IN TITLE BLOCK); THAT THE BOUNDARIES

DRAWN UNDER MY DIRECT SUPERVISION FROM A

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 63 SAINT CLAIR 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"= 30"