Department of Environment, Health and Natural Resources Division of Environmental Health On-Site Wastewater Section

Applicant:

Owner:

Sheet: Property ID: Lot #: File #: Code:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

EPOLIAMB CC.

NCCEPT

.35

System Type(s)

Site LTAR

Location Water S Evalua	ed Facility: 3 on of Site: Supply:	Auge	Design Proper Public In	Evaluated: n Flow (.1949): 3& rty Recorded: ndividual	Vell Spring	e:	er		
P R O F I L E	.1940			DRPHOLOGY 1941	PF				
	Landscape Position/ Slope %	Horizon Depth (In.)	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	0.7	0.0	6 52	VFO NS/NP					
		16-30	SBK SCL	१८ ८० १७	1070-7/2027				P5.35
J		0-10	G SL	UFO ISWP					
		10-30	SBKSCL	FD 55/59	1010 7 he27				.35_
Descrip	ption		nitial Re System	epair System	Other Factors (.1946):	? (1
Availab	le Space (.194	15)	7	504	Site Classification (.1948): Evaluated By:	5			

Others Present:

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	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

SIC-SILTY CLAY 0.4 - 0.1 IV C-CLAY

STRUCTURE SG-SINGLE GRAIN M- MASSIVE

MINERALOGY SLIGHTLY EXPANSIVE

SC-SANDY CLAY

CR-CRUMB **GR-GRANULAR** EXPANSIVE

SBK-SUBANGULAR BLOCKY

ABK-ANGULAR BLOCKY

PL-PLATY PR-PRISMATIC

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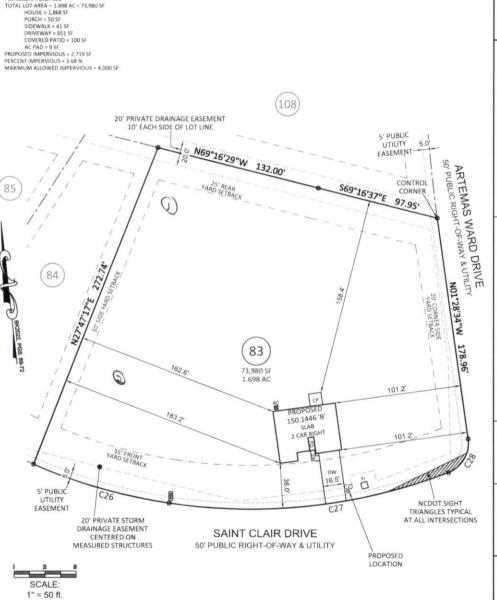
LOT INFORMATION:

PIN: 0652-04-2027 000

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
C26	435.00'	112.92	S67°27'48*E	112.60
C27	435.00'	226.77	S89°50'04"E	224.21
C28	25.00'	33.47	N36*52'39*E	31.03

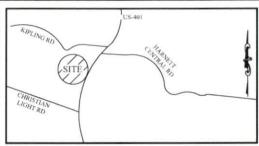




Bateman Civil Survey Company

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 SP = SCREENED PORCH OR PATIO CP = COVERED PORCH OR PATIO WD= WOOD DECK SW = SIDEWALK

- SW = SIDEWALK
 DW = CONC DRIVEWAY

 COMPUTED POINT
 IN = IRON PIPE FOUND
 IN = IRON PIPE SET (IPS)
- WATER METER
 CO = CLEANOUT
 AC = AIR CONDITIONER
- = ELECTRIC BOX = CABLE BOX = TELEPHONE PEDESTAL
- LIGHT POLE
- CURB INLE

- YI = TARD INLE! FH = FIRE HYDRANT HP = HANDICAP PORTAJOHN WITH SCREENING S = SEWER MANHOLE
- = FIRE HYDRANT

= TRASH RECEPTACLES

BUILDING SETBACKS: FRONT = 35 ft SIDE = 10 ft REAR = 25 ft CORNER SIDE = 20 1

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

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 THE
REQUIREMENTS OF THE STANDARD FRACTICE FOR
LAND SURVEYING IN NORTH CARRIED A. T. 4752
DATED:

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

PRELIMINARY PLOT PLAN

FOR

KB HOMES

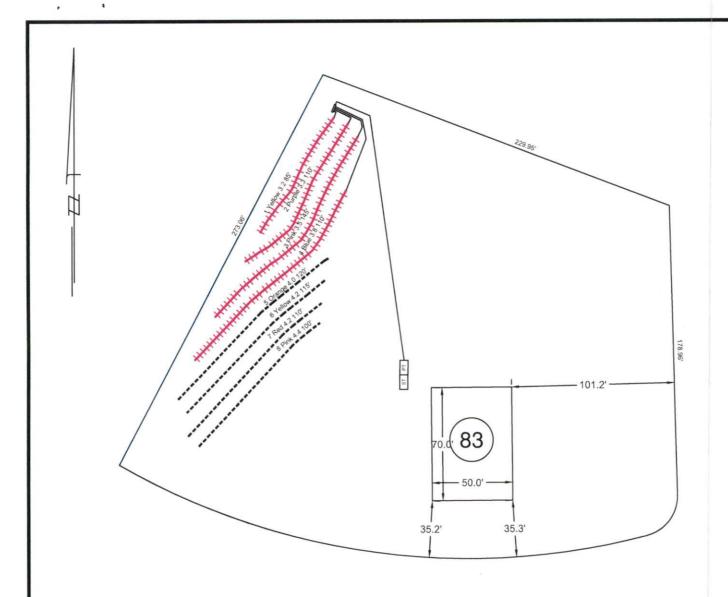
BIRCHWOOD GROVE - LOT 83 SAINT CLAIR DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 1/13/23

DRAWN BY: CPV CHECKED BY: SPC

REFERENCE: BK2022, PGS, 69-72

PROJECT# 220207

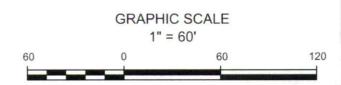


System: HHHHHH Repair: -----

System: Pressure Manifold Lines: 1-4, (470') Low Profile Chamber 0.35 Soil LTAR 15" Trench Bottom

Repair: Pressure Manifold Lines: 5-8, (445') Accepted Status System 0.35 Soil LTAR 15" Trench Bottom

- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *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.





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

3-Bedroom Septic Layout Lot 83, Birchwood Subdivision Harnett County, North Carolina Job# : 3753 Drawn By : MB Date : 01/12/2023 Revision:

Birchwood Lot 11 System Tap Chart

Bench Mark		is = 100.00	Location of	f BM				Elevation Head	6.80	
Pump tank 6	elev.	4	96.00	Pump elev.	91.00		Manifold ele	ev.	97.80	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR	
1	Yellow	3.20	96.80	85	1/2in SCH 80	5.48	51.67	255	0.2026	
2	Purple	3.30	96.70	110	3/4in SCH 80	10.1	95.23	330	0.2886	
3	Pink	3.50	96.50	145	3/4in SCH 40	12.5	117.86	435	0.2709	
4	Blue	3.80	96.20	110	3/4in SCH 80	10.1	95.23	330	0.2886	
		total	feet =	450	gal/min =	38.18		<u>LTAR =</u> LTAR + %5	0.3500 0.3675	
% of Dose V	ol.	75		Des. Flow	360			ETAIL 700	0.5075	
Dose Volum	е	219.38		Pump Run=	9.43					
Dose Pump Time		5.75		Tank Gal/IN	19.65					
Drawdown i	n Inches	11.16								