

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner:                      Applicant:  
 Address:                      Date Evaluated:  
 Proposed Facility: 3 B 22M      Design Flow (.1949): 360 gpd      Property Size:  
 Location of Site:              Property Recorded:  
 Water Supply:               Public  Individual     Well               Spring               Other  
 Evaluation Method:  Auger Boring               Pit               Cut  
 Type of Wastewater:               Sewage               Industrial Process               Mixed

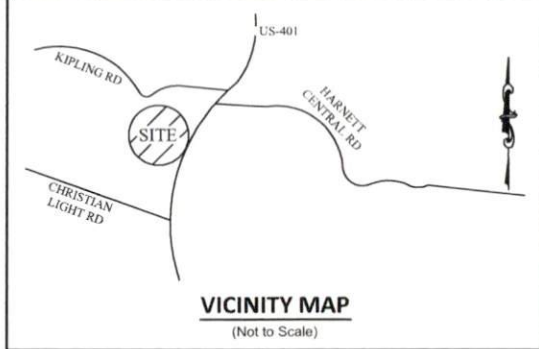
P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS 25	0-16	G SL	VFN MS/NP					
		16-30 <sup>1/2"</sup>	SBK CL	FN SS/SP					PS .35
2		0-18	G SL	VFN MS/NP					
		18-30 <sup>1/2"</sup>	SBK CL	FN SS/SP					PS .35

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>OX</u> Others Present: _____
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	25%	H PAGE L	
Site LTAR	.35	.35	





**Bateman Civil Survey Company**  
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 NCBELS Firm No. C-2378



**LEGEND**

PO = PORCH  
 P = PATIO  
 SP = SCREENED PORCH OR PATIO  
 CP = COVERED PORCH OR PATIO  
 WD = WOOD DECK  
 SW = SIDEWALK  
 DW = CONC DRIVEWAY  
 CP = COMPUTED POINT  
 IP = IRON PIPE FOUND  
 IP(S) = IRON PIPE SET (IPS)  
 WM = WATER METER  
 CO = CLEANOUT  
 AC = AIR CONDITIONER  
 EB = ELECTRIC BOX  
 CB = CABLE BOX  
 TP = TELEPHONE PEDESTAL  
 LP = LIGHT POLE  
 CI = CURB INLET  
 YI = YARD INLET  
 FH = FIRE HYDRANT  
 HP = HANDICAP PORTAJOHN WITH SCREENING  
 SM = SEWER MANHOLE  
 FH = FIRE HYDRANT  
 TR = TRASH RECEPTACLES

**BUILDING SETBACKS:**  
 FRONT = 35 ft  
 SIDE = 10 ft  
 REAR = 25 ft  
 CORNER SIDE = 20 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; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA, L-4752 DATED:

**PRELIMINARY**

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.

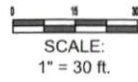
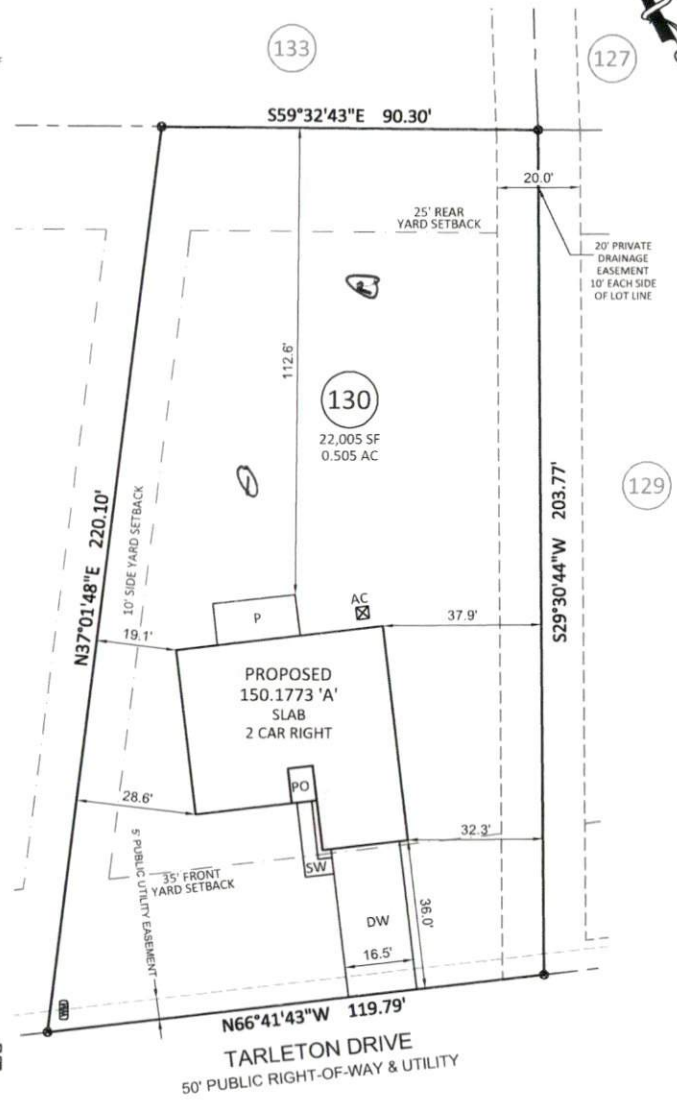
**LOT INFORMATION:**

PIN: 0652-05-0631  
 TOTAL LOT AREA = 0.505 AC = 22,005 SF  
 HOUSE = 2,197 SF  
 PORCH = 51 SF  
 SIDEWALK = 76 SF  
 DRIVEWAY = 597 SF  
 PATIO = 200 SF  
 AC PAD = 9 SF  
 PROPOSED IMPERVIOUS = 3,130 SF  
 PERCENT IMPERVIOUS = 14.22%  
 MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF



**NOTES:**

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
3. 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.
4. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
5. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
6. THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
7. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
8. 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.
9. THE PROPERTY LIES IN ZONE 'X' PER NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP #37200642001, 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



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

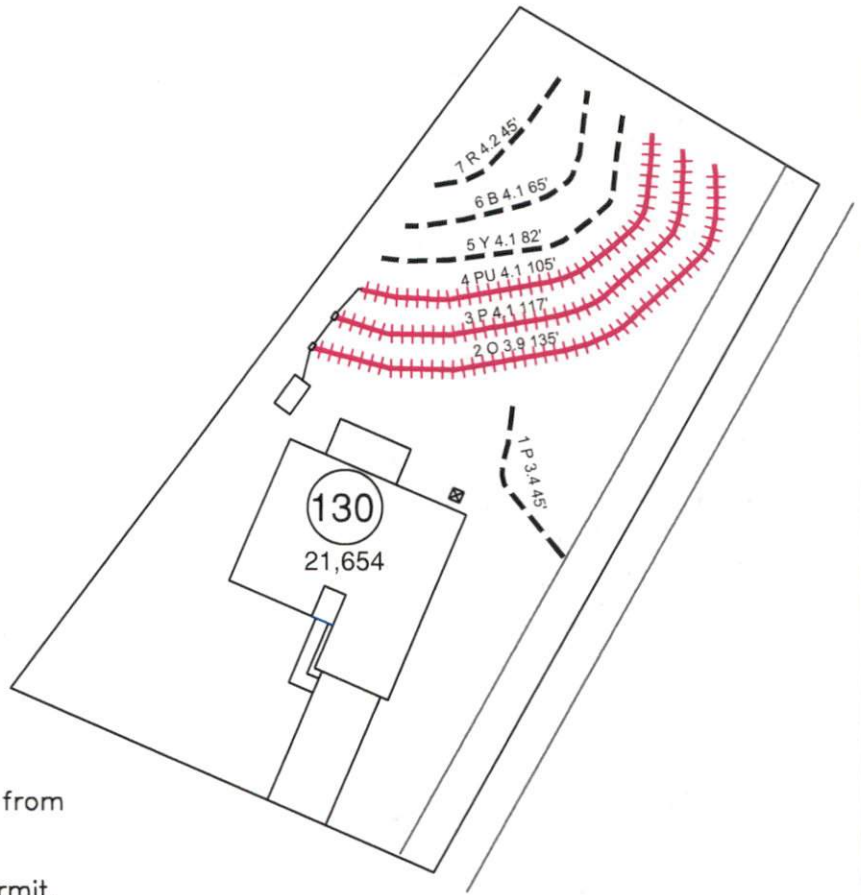
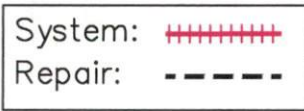
**PRELIMINARY PLOT PLAN**  
 FOR  
**KB HOMES**

**BIRCHWOOD GROVE - PHASE 2 - LOT 130**  
 172 TARLETON DRIVE, FUQUAY-VARINA, NC  
 HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 12/21/22 DRAWN BY: AHB CHECKED BY: SPC

REFERENCE: BK 2022 PG 313-315 PROJECT# 220207 SCALE: 1"= 30'

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- \*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.

System: Gravity to Serial Dist.  
 Lines: 2-4 (357')  
 Accepted Status System  
 0.35 Soil LTAR  
 24" Trench Bottom

Repair: Pressure Manifold  
 Lines: 1 & 5-7, (237')  
 T&J Panel 50% Reduction  
 0.35 Soil LTAR

GRAPHIC SCALE  
 1" = 50'



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

4-Bedroom Septic Layout  
 Lot 130, Birchwood Subdivision  
 Harnett County, North Carolina

Job# : 3753
Drawn By : MB
Date : 01/19/2023
Revision: