

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Applicant:
 Address: Date Evaluated:
 Proposed Facility: 3 BDRM Design Flow (.1949): 300 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 2-5	0-15	G SL	VF2 NS/NP					
		15-36	SBK CL	F2 SS/SI					P5 .35
2		0-15	G SL	VF2 NS/NP					
		15-36	SBK CL	F2 SS/SI					P5 .35

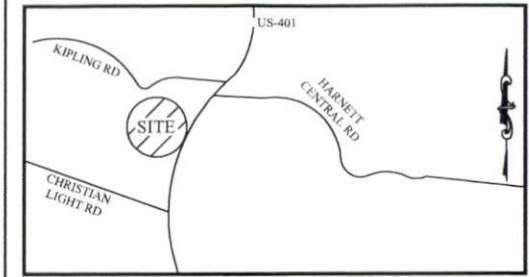
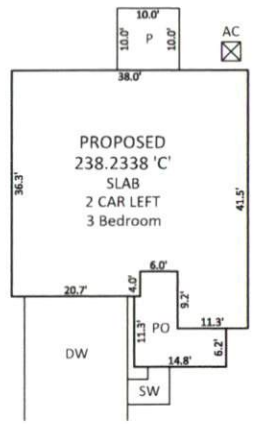
Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948): <u>P5</u>
System Type(s)	<u>ACCP5</u>	<u>H P5 V61</u>	Evaluated By: <u>CT</u>
Site LTAR	<u>.35</u>	<u>.35</u>	Others Present: <u>-</u>



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 NCBELS Firm No. C-2378

LOT INFORMATION:

PIN: 0653-04-1869-000
 TOTAL LOT AREA = 0.514 AC = 22,403 SF
 HOUSE = 1,415 SF
 PORCH = 152 SF
 SIDEWALK = 34 SF
 DRIVEWAY = 781 SF
 PATIO = 100 SF
 AC PAD = 9 SF
 PROPOSED IMPERVIOUS = 2,491 SF
 PERCENT IMPERVIOUS = 11.12 %
 MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF



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
- ⊙ = COMPUTED POINT
- = IRON PIPE FOUND
- = IRON PIPE SET (IPS)
- ⊙ = WATER METER
- CO = CLEANOUT
- AC = AIR CONDITIONER
- ⊠ = ELECTRIC BOX
- ⊠ = CABLE BOX
- ⊠ = TELEPHONE PEDESTAL
- ⊠ = LIGHT POLE
- CI = CURB INLET
- YI = YARD INLET
- FH = FIRE HYDRANT
- HP = HANDICAP PORTA/JOHN WITH SCREENING
- ⊙ = SEWER MANHOLE
- ⊙ = FIRE HYDRANT
- TR = TRASH RECEPTACLES

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:

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

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

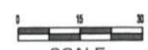
BIRCHWOOD GROVE - PHASE 2 - LOT 93
 86 THOMAS GAGE DRIVE, FUQUAY-VARINA, NC
 HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 1/13/23 DRAWN BY: CPV CHECKED BY: SPC

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

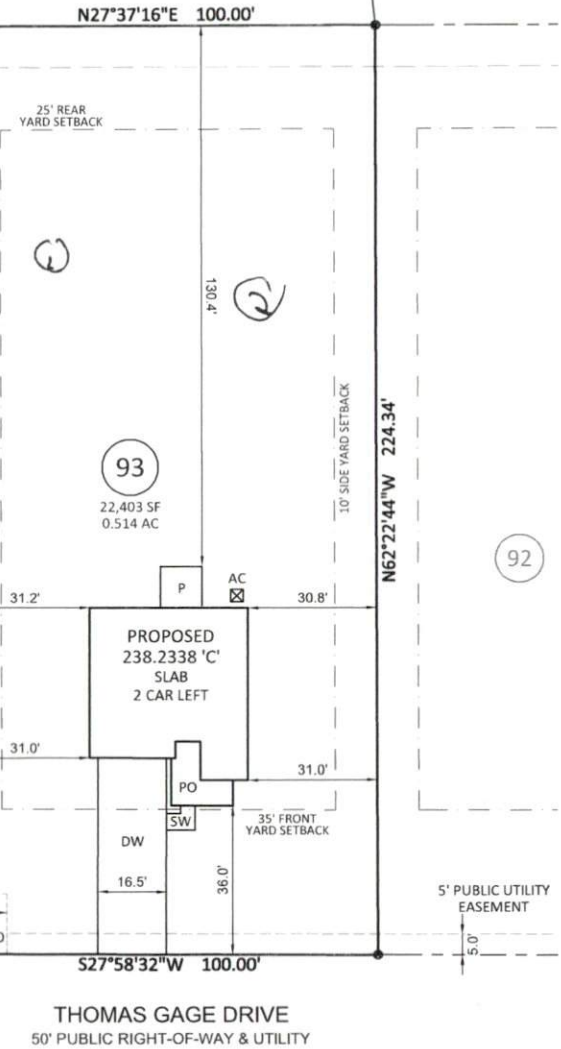
NOTES:

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. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
5. THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
6. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
7. 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.
8. SUBJECT PARCEL LIES ENTIRELY WITHIN FLOOD ZONE 'X', OR AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP #37200642001 DATED OCTOBER 03, 2006.
9. ZONING IS: RA-40
10. A 5' PUBLIC UTILITY EASEMENT LIES PARALLEL TO THE ROADWAY RIGHT OF WAY ALONG EACH SIDE, EXCEPT OPEN SPACE 4.
11. PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC. 4506 S. MIAMI BLVD. #100 DURHAM, NC. 27703



SCALE:
1" = 30 ft.

20' PRIVATE DRAINAGE EASEMENT (10' EACH SIDE OF PHASE LINE)



PRELIMINARY

P:\LOCAL PROJECTS\LOT93\BIRCHWOOD GROVE\LOT93 - BIRCHWOOD GROVE.dwg, 1/13/23, 10:44:27 AM, 1088 HARNETT FOR PLOT PLAN

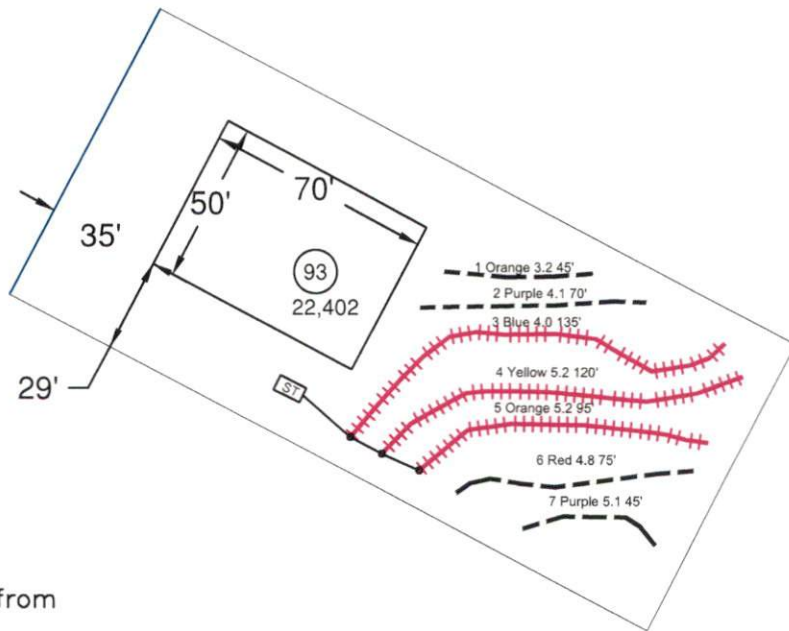
PUMP:

3-34

3-3



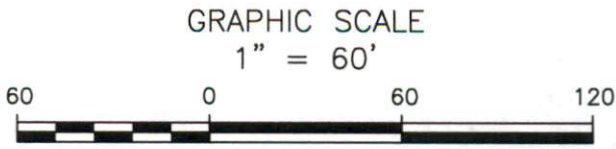
System: ++++++
 Repair: - - - -



- *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: 3-5, (350')
 Accepted Status System
 0.35 Soil LTAR

Repair: Pressure Manifold
 Lines: 1,2,6,7 (235')
 T&J Panel 50% Reduction
 0.35 Soil LTAR



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4-Bedroom Septic Layout
 Lot 93, Birchwood Subdivision
 Harnett County, North Carolina

Job# : 3753
Drawn By : LW
Date : 7/20/2022
Revision: