

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

Owner: — Applicant: KB Home Carolina  
 Address: 21 Rolling Brook Date Evaluated: 05/20/2019  
 Proposed Facility: 4 BR STD Design Flow (.1949): 480 GPD Property Size: 0.53 AC  
 Location of Site: 4 BR STD Property Recorded:  
 Water Supply:  Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

LOT 24

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	
1/2	L 3%	0-24	GL LS	ML NSMP					PS
		24-42	BL SCL	TV SP		42			0.35

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>Provisionally Suitable</u> Evaluated By: <u>Andrew Curran, REAH</u> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% MS</u>	<u>25% MS</u>	
Site LTAR	<u>0.35</u>	<u>0.35</u>	

COMMENTS: \_\_\_\_\_

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE				FI-FIRM	S-STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE		L-LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE					SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3		P-PLASTIC
CV-CONVEX SLOPE		SIL-SILT LOAM			VP-VERY PLASTIC
T-TERRACE		CL-CLAY LOAM			
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

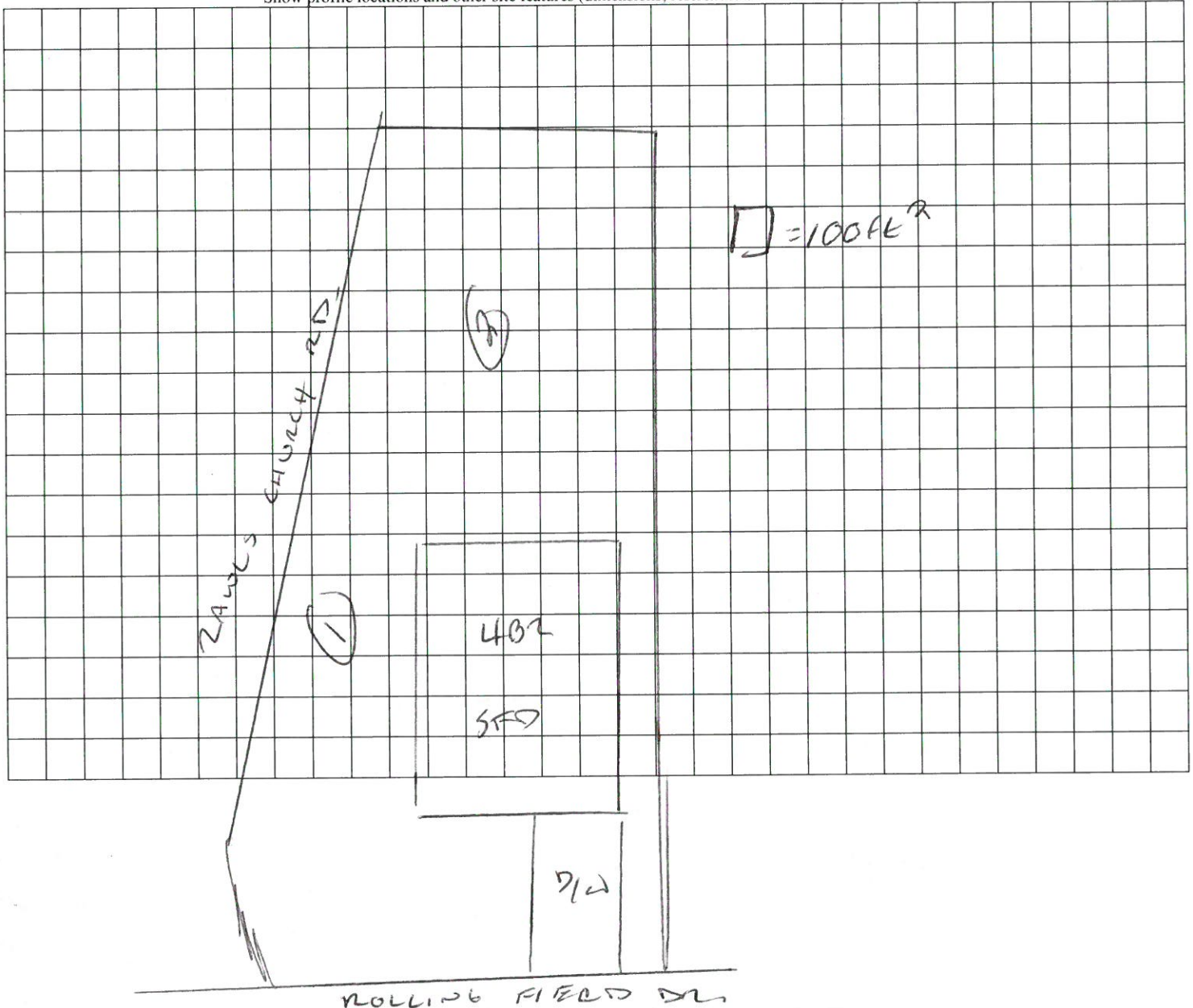
STRUCTURE

- SG-SINGLE GRAIN
- M- MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

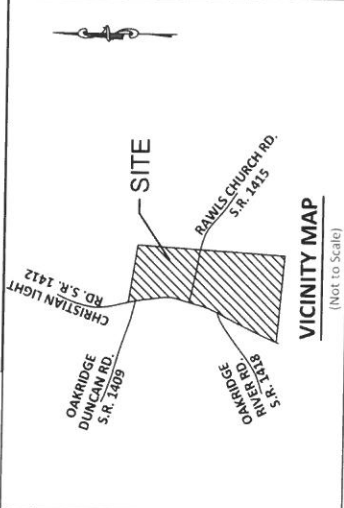
- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)





**Bateman Civil Survey Company**  
 Engineers • Surveyors • Planners  
 2534 Holston Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081  
 www.batemancivilsurvey.com info@batemancivilsurvey.com  
 NCBELS Firm No. C-2378



**LEGEND**

PO = PORCH  
 CP = COVERED PATIO  
 SW = SIDEWALK  
 DW = CONG DRIVEWAY  
 SP = SCREENED PORCH  
 P = CONCRETE PATIO  
 ○ = COMPUTED POINT  
 ● = IRON PIPE FOUND  
 ○ = DRILL HOLE FOUND  
 ○ = WATER METER  
 CO = CLEAN OUT  
 AC = AIR CONDITIONER  
 ○ = CABLE BOX  
 ○ = SEWER MANHOLE  
 ○ = TELEPHONE PEDESTAL  
 CB = CATCH-BASIN  
 G = GAGE METER  
 E = ELECTRIC METER  
 YI = YARD INLET

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**

**MASON POINTE - PHASE 1B - LOT 24**  
 21 ROLLING FIELD DRIVE, FUQUAY-VARINA, NC  
 HECTORS CREEK TOWNSHIP, HARNETT COUNTY  
 DATE: 4/05/19 DRAWN BY: JFK CHECKED BY: SPC  
 REFERENCE: BK 2019, PGS. 91-96 BCS# 168102 SCALE: 1" = 30'

**BUILDING SETBACKS**  
 FRONT - 35'  
 REAR - 20'  
 SIDE CORNER - 20'  
 MAX HEIGHT 35'  
 MAX IMPERVIOUS PER LOT: 5,910 SF

Curve Table			
Curve #	Length	Radius	Chord
C31	102.89	275.00	102.30
C32	39.51	25.00	35.52

- 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 SHOWN.
  - 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, RESTRICTIONS, 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 #3720684400, DATED OCTOBER 3, 2006.
  - ZONING IS: RA-30
  - PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC. 4506 S. MIAMI BLVD. #100 DURHAM, NC. 27703

**LOT INFORMATION:**  
 PIN: 0644-39-4668-000  
 TOTAL LOT AREA = 0.55 AC = 24,006 SF

