

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

Owner: — Applicant: KB Home Construction
 Address: 79 Pine Field Rd. Date Evaluated: 05/28/2019
 Proposed Facility: 4BR SFD Design Flow (.1949): 420 GPD Property Size: 6,600 AC
 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

LOT 66

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%	0-18	CL LS	VM Nym		
		18-36	ML SU	ML SSSP		36			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Provisionally Suitable
System Type(s)	25% UB	25% UB	Evaluated By: Andrew Curran, RCHS
Site LTAR	0.4	0.4	Others Present:

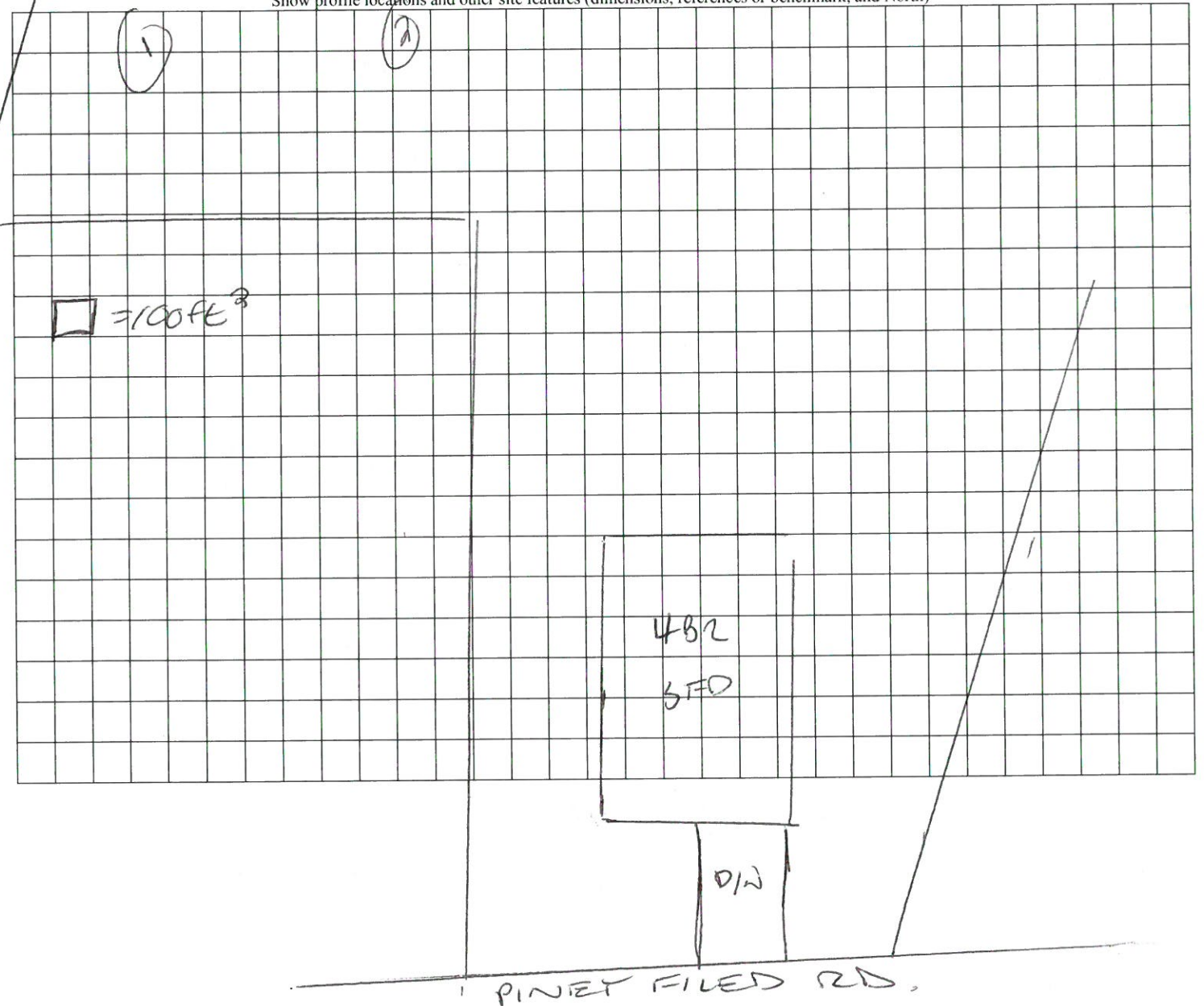
COMMENTS: _____

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	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3		SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			P-PLASTIC
CV-CONVEX SLOPE		CL-CLAY LOAM			VP-VERY PLASTIC
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	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

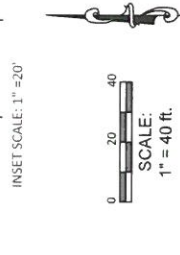
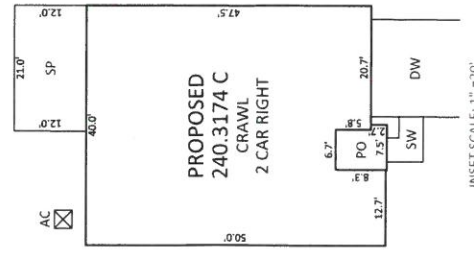
Show profile locations and other site features (dimensions, references or benchmark, and North)





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- 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. 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, OR OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
 9. THE PROPERTY LIES IN ZONE X-1 PER NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP #3720064400J DATED OCTOBER 3, 2006.
 10. ZONING IS: RA-30
 11. PROPERTY OWNER: KB HOME (ALEIGH)-DURHAM INC. 4506 S. MIAMI BLVD. #100 DURHAM, NC 27703

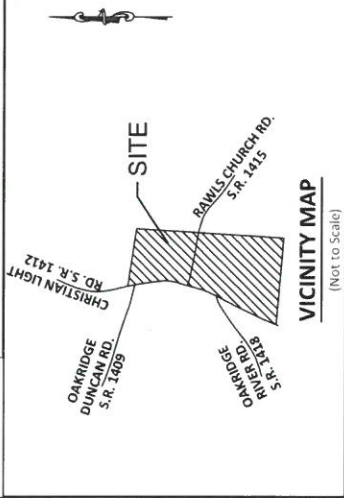
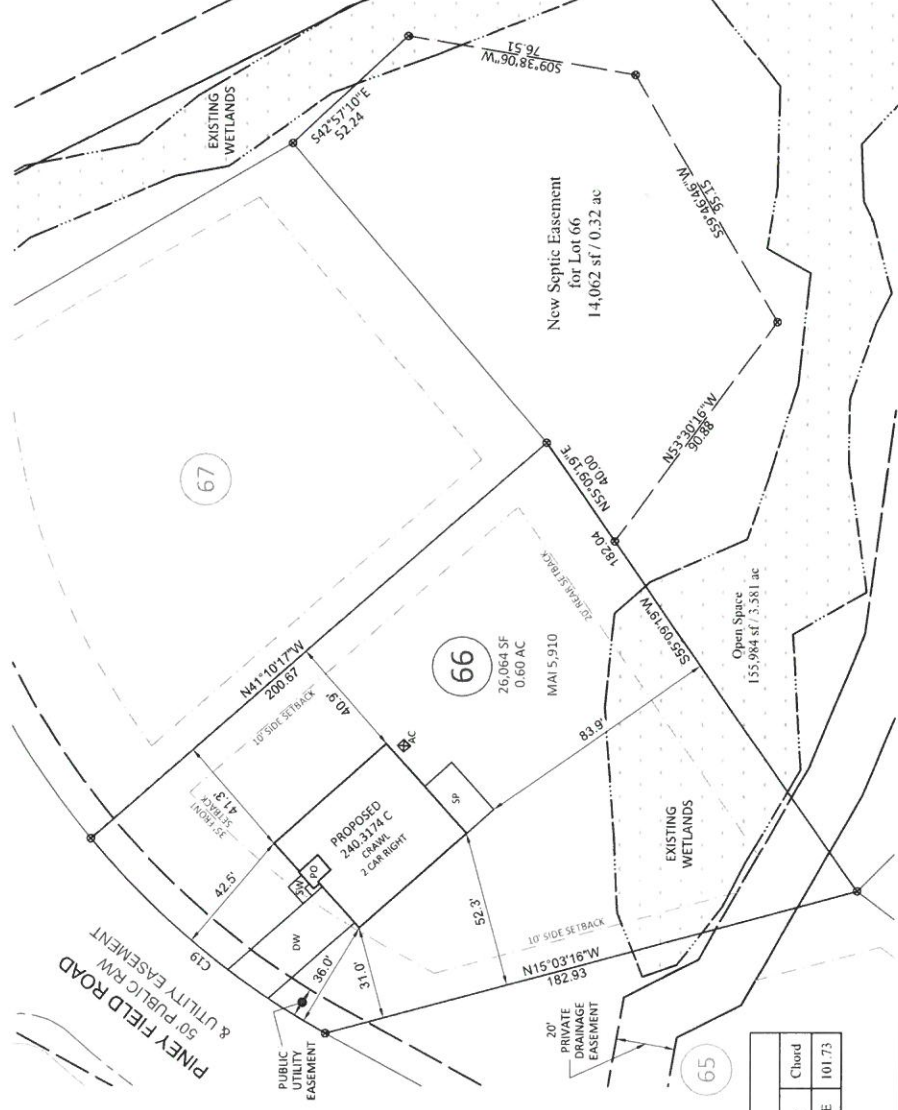


LOT INFORMATION:
 PIN: 0644-39-0410.000
 TOTAL LOT AREA = 0.60 AC = 26,064 SF
 HOUSE = 1,893 SF
 DRIVEWAY = 38 SF
 DRIVEWAY = 650 SF
 SCREENED PORCH = 252 SF
 AC PAD = 9 SF
 PROPOSED IMPERVIOUS = 2,901 SF
 PERCENT IMPERVIOUS = 11.1 %

BUILDING SETBACKS
 FRONT - 35'
 REAR - 20'
 SIDE - 10'
 SIDE CORNER - 20'
 MAX HEIGHT 35'

MAX. IMPERVIOUS PER LOT: 5,910 SF

Curve Table			
Curve #	Length	Radius	Chord
C19	102.32	275.00	N39°34'26"E 101.73



VICINITY MAP
 (Not to Scale)

LEGEND
 PO = PORCH
 CP = COVERED PATIO
 SW = SIDEWALK
 DW = CONC DRIVEWAY
 P = CONCRETE PATIO
 ⊗ = COMPUTED POINT
 ● = IRON PIPE FOUND
 ○ = IRON PIPE SET
 ⊙ = DRILL HOLE FOUND
 ⊞ = WATER METER
 ⊚ = CLEAN OUT
 AC = AIR CONDITIONER
 ⊠ = CABLE BOX
 ⊡ = UTILITY HOLE
 ⊢ = TELEPHONE PEDESTAL
 ⊣ = CATCH BASIN
 ⊤ = GAS METER
 ⊥ = ELECTRIC METER
 ⊦ = YARD INLET

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAN WAS DRAWN UNDER MY SUPERVISION AND THAT THE INFORMATION CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES, THAT THE RATIO OF PRECISION AS REQUIRED BY THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA, I-4752, IS MET. 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.

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 66
 79 PINEY FIELD ROAD, FUQUAY-VARINA, NC
 HECTORS CREEK TOWNSHIP, HARNETT COUNTY
 DATE: 5/20/19 DRAWN BY: MJA CHECKED BY: SPC
 REFERENCE: BK-2019, PGS. 91-96 ECSI# 180102 SCALE: 1" = 40'

