

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

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

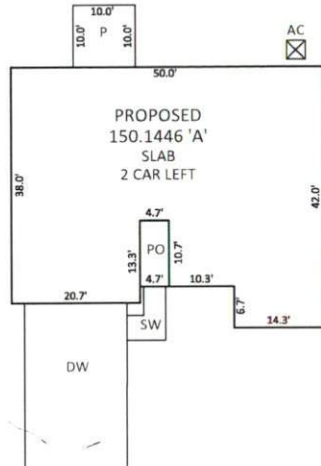
P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS 0.2	0-12	G SL	VFA NS/MP					
		12-36	SBK C	F2 S/SP					PS .35
2		0-12	G SL	VFA NS/MP					
		12-36	SBK C	F2 S/SP					PS .35

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): PS Evaluated By: OR Others Present: 1
Available Space (.1945)	✓	✓	
System Type(s)	BLOCK	25' x 25'	
Site LTAR	.35	.35	



**LOT INFORMATION:**

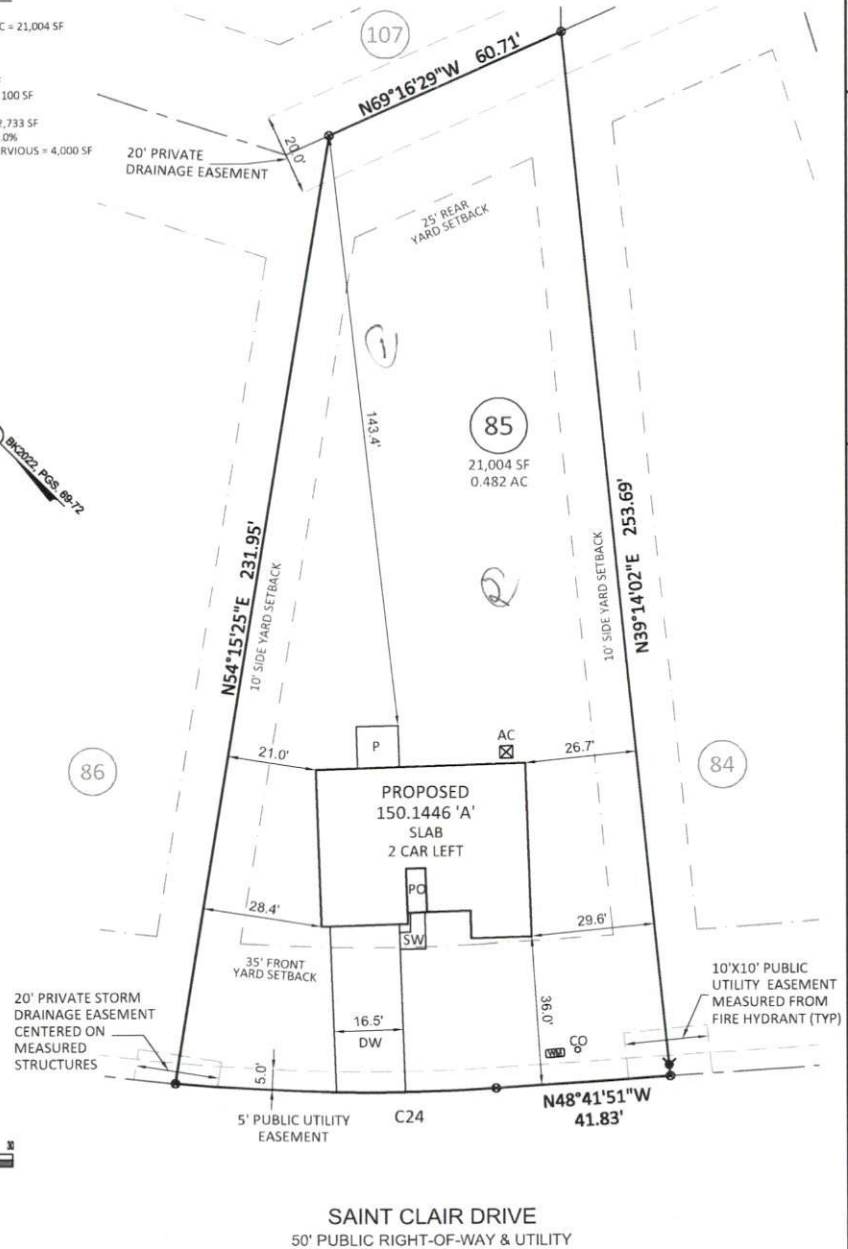
PIN: 0642-94-9188.000  
 TOTAL LOT AREA = 0.482 AC = 21,004 SF  
 HOUSE = 1,868 SF  
 PORCH = 50 SF  
 SIDEWALK = 41 SF  
 DRIVEWAY = 665 SF  
 SCREENED PATIO = 100 SF  
 AC PAD = 9 SF  
 PROPOSED IMPERVIOUS = 2,733 SF  
 PERCENT IMPERVIOUS = 13.0%  
 MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF



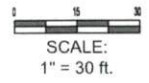
INSET SCALE: 1"=20'

**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, 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 #3720064200, 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.
- PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC. 4505 S. MIAMI BLVD. #100 DURHAM, NC 27703



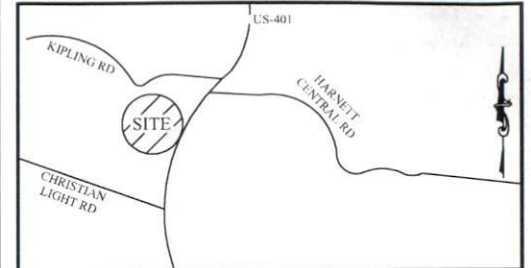
CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD
C24	475.00'	76.49'	S44°05'04"E	76.40'



SAINT CLAIR DRIVE  
50' PUBLIC RIGHT-OF-WAY & UTILITY



**Bateman Civil Survey Company**  
 Engineers • Surveyors • Planners  
 2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081  
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 NCBELS Firm No. C-2378



**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
- WF = COMPUTED POINT
- IF = IRON PIPE FOUND
- IP = 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

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 - LOT 85**  
 SAINT CLAIR DRIVE, FUQUAY-VARINA, NC  
 HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 2/24/22 DRAWN BY: DOM CHECKED BY: SPC  
 REFERENCE: BK2022, PGS. 69-72 PROJECT# 220207 SCALE: 1"= 30'

PRELIMINARY