Department of Environment, Health and Natural Resources Division of Environmental Health On-Site Wastewater Section

Sheet: Property ID: Lot #: File #: Code:

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

| Owner:             | Applicant:      |                              |                |       |
|--------------------|-----------------|------------------------------|----------------|-------|
| Address:           |                 | Date Evaluated:              |                |       |
| Proposed Facility: | 3 BORN          | Design Flow (.1949): 360 Sed | Property Size: |       |
| Location of Site:  | ~               | Property Recorded:           |                |       |
| Water Supply:      | _ <b>□</b> kPut | olic Individual Well         | ☐ Spring       | Other |
| Evaluation Method  | Auger Borin     | g Pit C                      | Cut            |       |
| Type of Wastewate  |                 | wage Industrial Process      | ☐ Mixed        |       |

| E Position |                                   |                           | SOIL MORPHOLOGY<br>.1941       |                                    | OTHER<br>PROFILE FACTORS           |                              |                         |                         |                            |
|------------|-----------------------------------|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|
|            | Landscape<br>Position/<br>Slope % | Horizon<br>Depth<br>(In.) | .1941<br>Structure/<br>Texture | .1941<br>Consistence<br>Mineralogy | .1942<br>Soil<br>Wetness/<br>Color | .1943<br>Soil<br>Depth (IN.) | .1956<br>Sapro<br>Class | .1944<br>Restr<br>Horiz | Profile<br>Class<br>& LTAR |
| 1          | LS                                | 0-12                      | 6 SL                           | VFR No ARV                         |                                    |                              |                         |                         |                            |
|            |                                   | 12-36                     | 58K C                          | VF7. N3/N4<br>F72 55/59            |                                    |                              |                         |                         | ρς<br>.3                   |
| 2          |                                   | 0-12                      | GSL                            | VFD USING                          | 7                                  |                              |                         |                         |                            |
| <u> </u>   |                                   | 19-36                     | 58x c                          | VFD NS/NP<br>FD SS/SP              |                                    |                              |                         |                         | P.5                        |
|            |                                   |                           |                                |                                    |                                    |                              |                         |                         |                            |
|            |                                   |                           |                                |                                    |                                    | ,                            |                         |                         |                            |
|            |                                   |                           |                                |                                    |                                    |                              |                         |                         |                            |
|            |                                   |                           |                                |                                    |                                    |                              | 4                       |                         |                            |
|            |                                   |                           |                                |                                    |                                    |                              |                         |                         |                            |
|            |                                   |                           |                                |                                    |                                    |                              |                         |                         |                            |
|            |                                   |                           | 41                             |                                    |                                    |                              |                         |                         |                            |
|            |                                   |                           |                                |                                    |                                    |                              |                         |                         |                            |

| Description             | Initial | Repair/System | Other Factors (.1946):   |
|-------------------------|---------|---------------|--|
|                         | System  | /             | Site Classification (.1948): ( |
| Available Space (.1945) |         |               | Evaluated By:つく  |
| System Type(s)          | 25%263  | PANEL         | Others Present:  |
| Site LTAR               | .3      | .3            |  |

COMMENTS: \_\_\_\_

| LANDSCAPE  | POSITIONS                              | GROUP            | TEXTURES  | . <u>1955 LTAR</u>                  | CONSISTENCE MOIST  | WET  |
|--|--|------------------|---|-------------------------------------|--|--|
| R-RIDGE S-SHOULDER L-LINEAR SLO FS-FOOT SLO N-NOSE SLOP H-HEAD SLOF CC-CONCLAV CV-CONVEX S T-TERRACE FP-FLOOD PL | PE<br>PE<br>E<br>E<br>E SLOPE<br>SLOPE | II<br>(C)<br>(C) | S-SAND<br>LS-LOAMY SAND<br>SL-SANDY LOAM<br>L-LOAM<br>SI-SILT<br>SIL-SILT LOAM<br>CL-CLAY LOAM<br>SCL-SANDY CLAY LOAM | 1.2 - 0.8<br>0.8 - 0.6<br>0.6 - 0.3 | VFR-VERY FRIABLE<br>FR-FRIABLE<br>FI-FIRM<br>VFI-VERY FIRM<br>EFI-EXTREMELY FIRM | NS-NON-STICKY<br>SS-SLIGHTY STICKY<br>S-STICKY<br>VS-VERY STICKY<br>NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY<br>P-PLASTIC<br>VP-VERY PLASTIC |

IV SIC-SILTY CLAY 0.4 - 0.1

C-CLAY

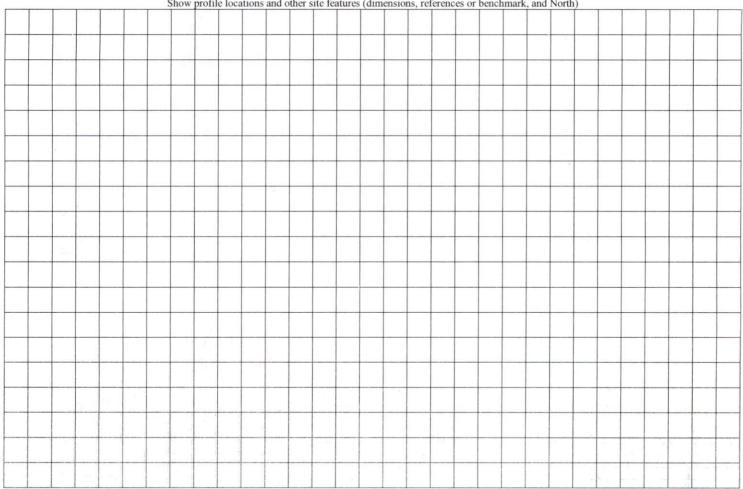
SC-SANDY CLAY

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)



LOT INFORMATION:

SCALE:

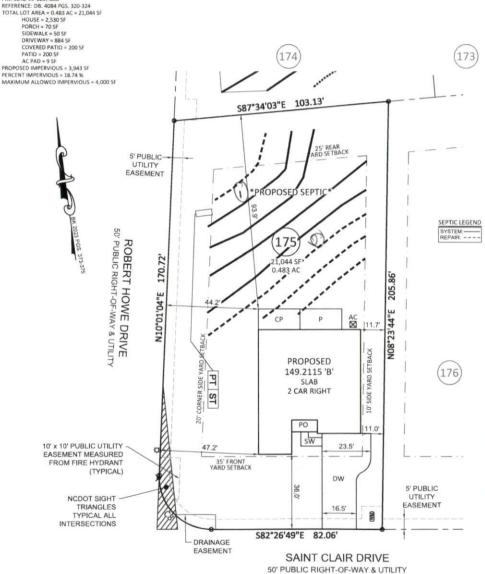
1" = 30 ft.

PIN: 0642-95-1207.000

| CURVE TABLE |       |        |                 |        |  |  |
|-------------|-------|--------|-----------------|--------|--|--|
| CURVE RADIU |       | LENGTH | CHORD DIRECTION | CHORD  |  |  |
| C8          | 25.00 | 40.35' | N36°12'52"W     | 36.11' |  |  |

#### 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
- 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
- THE PROPERTY LIES IN ZONE 'X' PER NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP #3720064200J, DATED OCTOBER 03 2006.
- 10. ZONING IS: RA-40
- A 5' PUBLIC UTILITY EASEMENT LIES PARALLEL TO THE ROADWAY RIGHT OF WAY ALONG EACH SIDE AND AROUND WATER METERS.
- 12. PROPERTY OWNER: KB HOME RALEIGH- DURHAM INC. 4506 S. MIAMI BLVD. #100

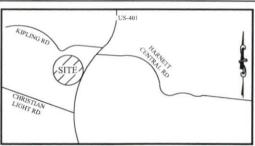




# **Bateman Civil Survey Company**

Engineers • Surveyors • Planners

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#### VICINITY MAP

(Not to Scale)

#### LEGEND

PO = PORCH P = PATIO P = PATIO SP = SCREENED PORCH OR PATIO NOT SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK PATIO NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN

- WD= WOOD DECK
- = COMPUTED POINT
   = IRON PIPE FOUND
   = IRON PIPE SET (IPS)

  WWD = WATER METER
- CO = CLEANOUT

  AC = AIR CONDITIONER

  EELECTRIC BOX

  C = CABLE BOX

  T = TELEPHONE PEDESTAL

  T = LIGHT POLE
- CURB INLET YI = YARD INLET
  FH = FIRE HYDRANT
  HP = HANDICAP PORTAJOHN WITH SCREENING
- S = SEWER MANHOLE = FIRE HYDRANT
- TR = TRASH RECEPTACLES

## BUILDING SETBACKS: FRONT = 35 f SIDE = 10 ft REAR = 25 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.

I. STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS

DRAWN UNDER MY DIRECT SUPERVISION FROM A

FROM INFORMATION LISTED UNDER REFERENCES;

THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS HE

REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA, L-4752 DATED:

SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK

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

### PRELIMINARY PLOT PLAN

FOR

#### **KB HOMES**

BIRCHWOOD GROVE - PHASE 3 - LOT 175 SAINT CLAIR DRIVE, FUQUAY-VARINA, NC HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 8/4/23 DRAWN BY: CPV

CHECKED BY: SPC

REFERENCE: BK 2023 PGS. 373-375 PROJECT# 220207

SCALE: 1"= 30"