

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: 249 Thomas Gage Dr
 SUBDIVISION Birchwood Grove LOT # 126

ISSUED TO: KB Home
 NEW REPAIR EXPANSION
 Type of Structure: SFD (42'x38')
 Proposed Wastewater System Type: 25% Reduction System
 Projected Daily Flow: 360 GPD
 Number of bedrooms: 3 Number of Occupants: 6 max
 Basement Yes No
 Pump Required: Yes No May be required based on final location and elevations of facilities
 Type of Water Supply: Community Public Well Distance from well _____ feet
 Permit valid for: Five years No expiration
 Permit conditions: _____
 Authorized State Agent: ~~REMS~~ Date: 3/3/23 SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: KB Home PROPERTY LOCATION: 249 Thomas Gage Dr
 SUBDIVISION Birchwood Grove LOT # 126

Facility Type: SFD (42'x38') New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable
T&J Panel (Repair)
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Exact length of each trench 350 feet Trench Spacing: 9 Feet on Center
 Pump Tank Size _____ gallons Trenches shall be installed on contour at a Soil Cover: 6 inches
 Maximum Trench Depth of: 18 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
 (Trench bottoms shall be level to +/- 1/4" in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: _____ inches below pipe
 _____ inches above pipe
 Conditions: System sized for a 4 bedroom based on applicants request. _____ inches total

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

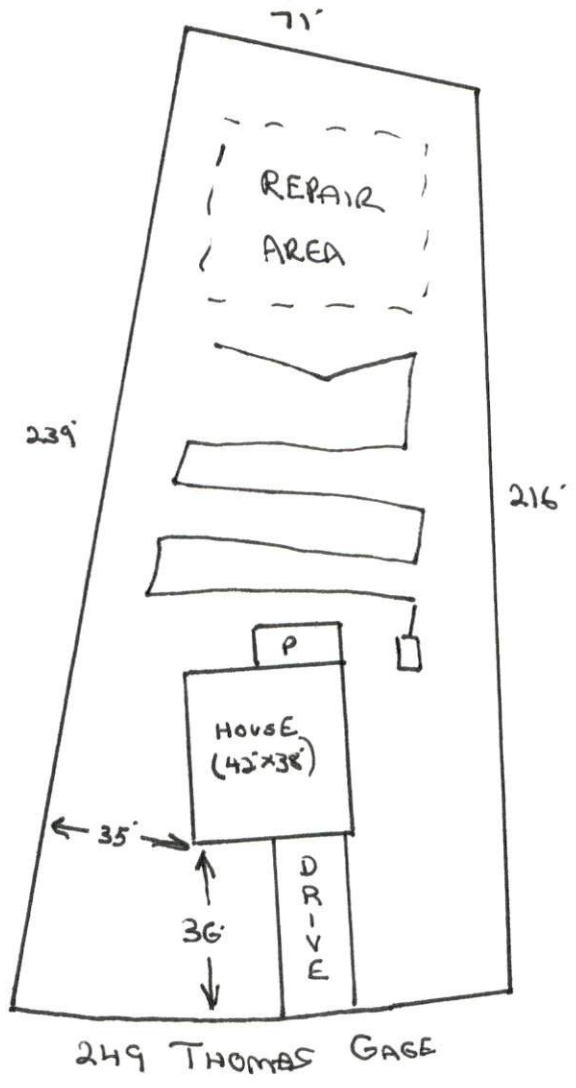
Authorized State Agent: ~~REMS~~ Date: 3/3/23
 Construction Authorization Expiration Date: 3/3/28

Harnett County Department of Public Health Site Sketch

Property Location: 249 Thomas Gage

Issued To: KB Home Subdivision Birchwood Grove Lot # 126

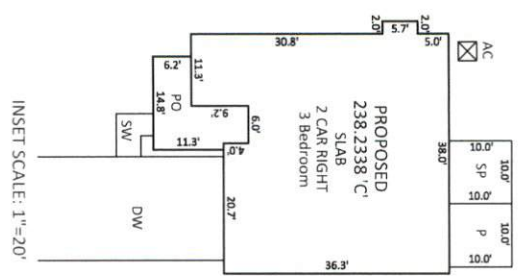
Authorized State Agent: ~~REAS (OLIVER TOLKSDORF)~~ Date: 3/3/23



This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

LOT INFORMATION:

PN: 0652-05-3725
 TOTAL LOT AREA = 0.501 AC = 21,365 SF
 HOUSE = 1,827 SF
 DRIVEWAY = 153.84 SF
 DRIVEWAY = 783 SF
 SCREENED PATIO = 100 SF
 PATIO = 300 SF
 AC PAD = 9.5 SF
 PROPOSED IMPERVIOUS = 2,604 SF
 PERCENT IMPERVIOUS = 12.19%
 MAXIMUM ALLOWED IMPERVIOUS = 4,000 SF

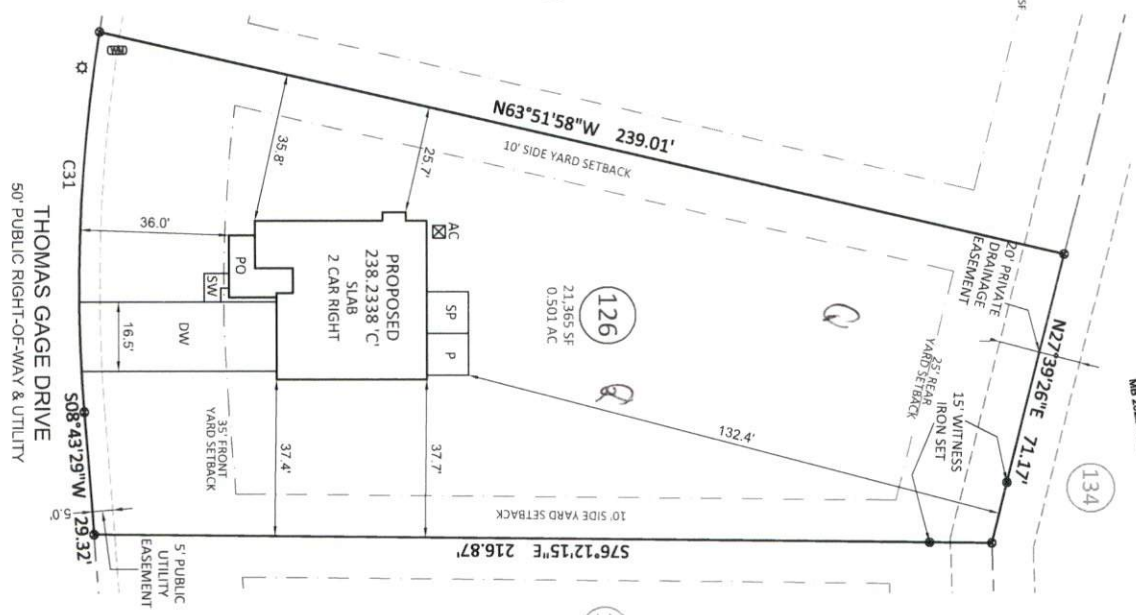


INSET SCALE: 1" = 20'

NOTES:

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO. UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. THIS PLAN HAS BEEN MADE FOR THE PURPOSES OF PERMITTING PURPOSES ONLY. THE SURVEYOR HAS CONDUCTED VISUAL INSPECTIONS OF THE EXISTING DEEDS AND/OR PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT.
3. ALL DISTANCES ARE HORIZONTAL. GROUND DISTANCES AND ALL BEARINGS ARE NORTH. CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
4. THIS MAP IS NOT FOR RECONSTRUCTION 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. THE PROPERTY LIES IN ZONE 'X' PER NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP #820006200, DATED OCTOBER 09 2008.
9. ALL DISTANCES ARE IN FEET.
10. AS' PUBLIC UTILITY EASEMENT LIES PARALLEL TO THE ROADWAY RIGHT-OF-WAY ALONG EACH SIDE, EXCEPT OPEN SPACE 'A'.
11. PROPERTY OWNER: KB HOME RALEIGH-DURHAM, NC #100
12. DURHAM, NC 27703

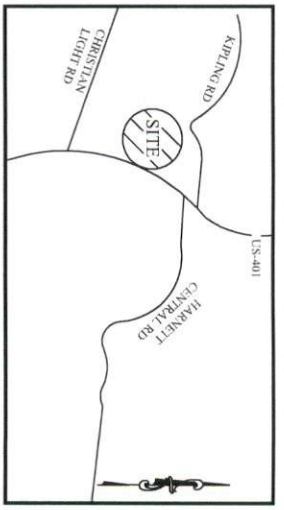
CURVE TABLE				
CURVE/	RADIUS	LENGTH	CHORD DIRECTION	CHORD
C31	375.00'	34.78'	N25°19'12"E	34.75'



THOMAS GAGE DRIVE
 50' PUBLIC RIGHT-OF-WAY & UTILITY



Bateman Civil Survey Company
 Engineers • Surveyors • Planners
 2524 Ralston Avenue Apex, NC 27539 Pn: 919.577.1080 Fax: 919.577.1081
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 NCBSLS Firm No. C-2318



VICINITY MAP
 (Not to Scale)

LEGEND

- PO = PORCH
- P = PATIO
- SP = SCREENED PORCH OR PATIO
- CP = COVERED PORCH OR PATIO
- WD = WALKWAY
- MO = SIDEWALK
- CO = CONC DRIVEWAY
- CP = COMPUTED POINT
- IP = IRON PIPE SET (IPS)
- WM = WATER METER
- CO = CLEANOUT
- AC = AIR CONDITIONER
- EB = ELECTRICAL BOX
- TD = TELEPHONE PEDESTAL
- LI = LIGHT POLE
- CI = CURB INLET
- FI = FIRE HYDRANT
- HP = HANDICAP PORTAJOHN WITH SCREENING
- SM = SEWER MANHOLE
- TR = TRASH RECEPTACLE

BUILDING SETBACKS:

FRONT = 35' R
 SIDE = 10' R
 CORNER SIDE = 20' R

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 126
 249 THOMAS GAGE DRIVE, FLOQUAY-VARINA, NC
 HECTORS CREEK TOWNSHIP, HARNETT COUNTY

DATE: 1/10/23 DRAWN BY: AHB CHECKED BY: SPC
 REFERENCE: MB 2022 PGS. 313-315 PROJECT# 220007 SCALE: 1" = 30'