



Well Construction Permit

Franklin County Health Department
107 Industrial Drive
Louisburg NC, 27549
Phone:

For Office Use Only

*CDP File Number 448052

PIN Number: _____

Tax Lot #: 20 Tax Block #: 049659

Evaluated For: SINGLE FAMILY \ WELL

PERMIT VALID UNTIL: 01/28/2030

Property Owner: Oak Town Builders
Address: 3540 Catlett Farm Rd
City: Wake Forest
State/Zip: NC / 27587
Phone #: _____

Applicant: Luke Burlage
Address: 3540 Catlett Farm Rd
City: Wake Forest
State/Zip: NC / 27587
Phone #: _____

Property Location & Site Information

Address/Road #: _____ Subdivision: Bella Terra Phase: _____ Lot: 20
15 Basil Court
Franklinton NC, 27525
*Proposed use of Well: SINGLE FAMILY
If Other: _____
Applicant Email: _____
Owner Email: _____

Directions: 15 Basil Court

Well Contractor Information

Drilling Contractor: _____ Driller Registration: _____

Permit Conditions

*Permit Conditions

Well sited for right of driveway. Respect 25 ft setback from house and 50 ft setback from any septic component.

Well location, construction and protection must meet all state and local regulations and must be inspected and approved by an authorized representative of the Local Health Department. The permit may be revoked at any time for failure to comply with existing regulations. The siting of approved well construction area(s) by the Health Department is to provide protection from the known possible sources of contamination. The approved well area(s) may not be changed without permission from an authorized representative of the Local Health Department. Issuance of this well permit does not guarantee water quality or adequate water production from the well once it is installed or repaired.

*Issued By: Jones, Lori
Authorized State Agent: _____
Owner/Applicant: _____

*Date of Issue: 01/28/2025

☒ Hand Drawing ☐ Import Drawing

****Site Plan/Drawing attached.****



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IMPROVEMENT PERMIT

Franklin County Health Department
107 Industrial Drive
Louisburg, NC 27549
Phone:

For Office Use Only

*CDP File Number: 448052 - 1
County ID Number:
Evaluated For: NEW

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***NOTE TO INSPECTIONS DIVISION:** Building Permits cannot be issued with this Improvement Permit.

Applicant: Luke Burlage
Address: 3540 Catlett Farm Rd
City: Wake Forest
State/Zip: NC 27587
Phone #:

Property Owner: Oak Town Builders
Address: 3540 Catlett Farm Rd
City: Wake Forest
State/Zip: NC. 27587
Phone #:

Property Location & Site Information

Address: 15 Basil Court Franklinton, NC 27525 Subdivision: Bella Terra Block/Phase: NEW Lot: 20

Directions

15 Basil Court

Road #:
Structure: SINGLE FAMILY
of Bedrooms: 4
of People: 6
*Water Supply: N/A

System Specifications

Initial System

Usable Soil Depth: 34
Design Flow: 480
Soil Application Rate: 0.3000

Minimum Trench Depth: Inches
Maximum Trench Depth: 22 Inches

*System Classification/Description:

TYPE II A. CONV SYSTEM (SINGLE-FAMILY OR 480 GPD OR LESS)

Pump Required: ☐ Yes ☐ No ☒ May Be Required

Septic Tank: 1000 Gallons

Pump Tank: 1000 Gallons

*Proposed System:
25% REDUCTION

Repair System Required: ☒ Yes ☐ No ☐ No, but has Available Space

Repair System

Usable Soil Depth: 34
Soil Application Rate: 0.300

Minimum Trench Depth: Inches
Maximum Trench Depth: 22 Inches

*System Classification/Description:

TYPE II A. CONV SYSTEM (SINGLE-FAMILY OR 480 GPD OR LESS)

Pump Required: ☐ Yes ☐ No ☒ May Be Required

Pump Tank: Gallons

*Proposed System: 25% REDUCTION

No grading or construction activity is allowed in areas designated for system and repair without approval of Health Department.

*Site Modifications

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.

*Permit Conditions

Pool behind house. See sketch. The pool should be staked out prior to laying out lines for septic (allow max 50ft from back of house). Respect the 15 ft setback from the pool to any septic. The septic, both initial and repair must be in the area fenced out for construction. Past that on lower back portion, soil is unsuitable, and the area remains wet after precipitation. It is suspected that the repair is 25%, but that is based on the pool size. If the pool occupies more space, repair may need to be a 50% system. It is suggested that both systems are laid out prior to installation. The lot was thickly wooded and contour was difficult to assess on the day of evaluation.

CDP File Number: 448052

County ID Number:

The Department and Local Health Department may impose conditions on the issuance and may revoke the permits for failure of the system to satisfy the conditions, the rules, or this article. This permit is subject to revocation if the site plan, plat, or intended use changes (NCGS 130A-335(f)). The person owning or controlling the system location, installing, operation, maintenance, monitoring, reporting, and repair (per rule .0301(f)).

Authorized State Agent: Jones, Lori Date of Issue: 01/28/2025

Total Time: (HH:MM)



Hand Drawing



Import Drawing

****Site Plan/Drawing attached.****

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Construction Authorization

Franklin County Health Department
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☐ Open Pump System Sheet

Applicant: Luke Burlage
Address: 3540 Catlett Farm Rd
City: Wake Forest
State/Zip: NC 27587
Phone #:

Property Owner: Oak Town Builders
Address: 3540 Catlett Farm Rd
City: Wake Forest
State/Zip: NC 27587
Phone #:

Property Location & Site Information

Address/Road #: 15 Basil Court Franklinton, NC 27525 Subdivision: Bella Terra Phase: NEW Lot: 20
Directions:
Structure: SINGLE FAMILY 15 Basil Court
of Bedrooms: 4
of People: 6
*Water Supply:

System Specifications

Usable Soil Depth: 34 Minimum Trench Depth: Inches
Design Flow: 480 Maximum Trench Depth: 22 Inches
Soil Application Rate: 0.3000 Minimum Soil Cover: Inches
*System Classification/Description: TYPE II A. CONV SYSTEM (SINGLE-FAMILY OR 480 GPD OR LESS) Maximum Soil Cover: Inches
*Proposed System: 25% REDUCTION *Distribution Type: GRAVITY - PARALLEL (eq. d-box)
Nitrification Field: Sq. ft. Septic Tank: 1,000 Gallons
No. Drain Lines: 4 Pump Required: ☐ Yes ☐ No ☒ May Be Required
Total Trench Length: 400 ft. ☐ Inches O.C. ☒ Feet O.C. Pump Tank: 1,000 Gallons
Trench Spacing: - 9 ☐ Inches Grease Trap: Gallons
Trench Width: - 3 ☒ Feet Septic Tank Installer
Aggregate Depth: inches Grade Level Required: ☐ I ☐ II ☐ III ☐ IV

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.

*Permit Conditions:

Pool behind house. See sketch. The pool should be staked out prior to laying out lines for septic (allow max 50ft from back of house). Respect the 15 ft setback from the pool to any septic. The septic, both initial and repair must be in the area fenced out for construction. Past that on lower back portion, soil is unsuitable, and the area remains wet after precipitation. It is suspected that the repair is 25%, but that is based on the pool size. If the pool occupies more space, repair may need to be a 50% system. It is suggested that both systems are laid out prior to installation. The lot was thickly wooded and contour was difficult to assess on the day of evaluation.

IF THIS IS/BECOMES A PUMP SYSTEM AND THE TOTAL LINES EXCEED 4, THEN A PRESSURE MANIFOLD IS REQUIRED. PLEASE NOTE EHS SO THAT THE PERMIT CAN BE CHANGED TO CALL FOR A PRESSURE MANIFOLD RATHER THAN A DBOX.



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☐ Open Pump System Sheet

The Authorization for Wastewater System Construction shall be valid for a period equal to the period of validity of the Improvement Permit and may be issued at the same time the Improvement Permit issued (NCGS 130A-336(b)). If the installation has not been completed during the period of validity of the Construction Permit, the information submitted in the application for a permit or Construction Authorization shall become invalid, and may be suspended or revoked (.0204(k)(1)). The person owning or controlling the system shall be responsible for assuring compliance with the laws, rules, and permit conditions regarding system location, installation, operation, maintenance, monitoring, reporting and repair (per rule .0301(a)).

Authorized State Agent: Jones, Lori Date of Issue: 01/28/2025

☒ Hand Drawing ☐ Import Drawing

****Site Plan/Drawing attached.****

Total Time : (HH:MM)



Lot 20
File# 448052 PIN# _____

Property Address: 15 Basil Ct.

Applicant Or Owner Name: Luke Burlage

Environmental Health Septic/Well Permit Diagram

Building permits cannot be issued nor should construction begin without Construction Authorization issuance.

☒ Septic Improvement Permit ☒ Septic Construction Authorization (CA) ☐ CA Reissue** ☐ As Built
☒ Well Construction Authorization ☐ Additional Diagram/Specifications Attached

Diagram Date**: 1-29-2025 EHS: [Signature]

**Any previously dated CA diagram is revoked and/or invalid. Confirm this is the valid diagram for the site before beginning any construction.

Installation inspections may be scheduled the day before or the day of installation by 9am. Contact the Environmental Health office at 919 496-8100. A revisit fee may apply if installation is not ready for inspection at the time requested.

SEPTIC OPERATIONS PERMITS will be issued after installation is approved, all permit conditions are met, and any outstanding fees are paid. WELL CERTIFICATE OF COMPLETION will be issued after well head approval, all permit conditions are met, and any outstanding fees are paid.

Septic Tank 1000 Pump Tank na Drain field 3'x400' Type System Serial Accepted Max trench depth 22"

Septic Contractor _____ Septic/Pump tank dates _____ PUMP FEE PAID _____

Well Contractor _____ Well Head Date: _____ PUMP FINAL: _____ N/A (CIRCLE)

Bedrooms: 4

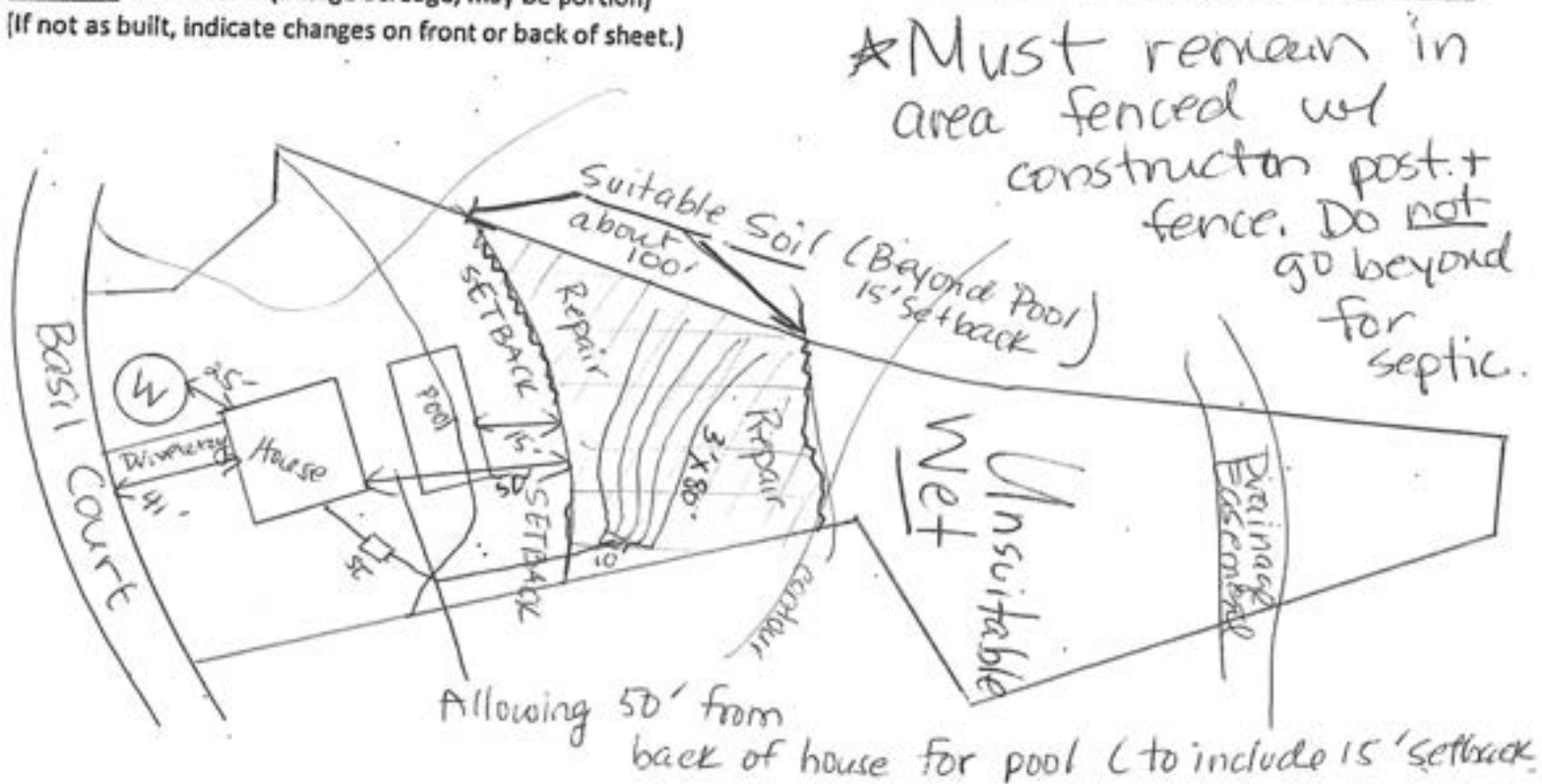
If Repair: na

Acreage: 1.43

Parcel ID: 649659

*Drawing not to scale (if large acreage, may be portion)

(If not as built, indicate changes on front or back of sheet.)



HOUSE	2,090 S.F.
SCREEN PORCH	166 S.F.
BBQ DECK	103 S.F.
DRIVEWAY	784 S.F.
SIDEWALKS	85 S.F.
POOL APRON	840 S.F.
MISC./UTILITIES	18 S.F.
TOTAL IMPERVIOUS AREA	3,896 S.F.
MAX IMPERVIOUS ALLOWED	15,236 S.F.