



IMPROVEMENT PERMIT

Granville County Health Dept
Environmental Health
101 Hunt Drive
Oxford, NC 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 443366 - 1
County ID Number: 183400162165
Evaluated For: NEW

PERMIT VALID UNTIL: 01/10/2030

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

Applicant: Lilium Homes Inc
Address: 5 W Mason Street
City: Franklinton
State/Zip: NC 27525
Phone #: home: (919) 605-3275 cell : (919) 605-3275

Property Owner: Lilium Homes Inc
Address: 3918 Cedar Knolls Drive
City: Youngsville
State/Zip: NC. 27596
Phone #: home: (919) 605-3275 cell : (919) 605-3275

Property Location & Site Information

Address: 3918 Cedar Knolls Drive Subdivision: Cedar Knolls Block/Phase: NEW Lot: 19
Road #:
Structure: SINGLE FAMILY
of Bedrooms: 4
of People:
*Water Supply: NEW WELL

System Specifications

Initial System

Usable Soil Depth: 48

Design Flow: 480

Soil Application Rate: 0.3000

*System Classification/Description:

TYPE III G. OTHER NON-CONV. TRENCH SYSTEMS

*Proposed System:
25% REDUCTION

Minimum Trench Depth: 24 Inches

Maximum Trench Depth: 36 Inches

Septic Tank: 1000 Gallons

Pump Required ☐ Yes ☒ No ☐ May Be Required

Pump Tank: 1000 Gallons

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

Repair System

Usable Soil Depth: 40

Soil Application Rate: 0.300

*System Classification/Description:

TYPE III E. PPBPS GRAVITY DOSED SYSTEM

*Proposed System: HORIZONTAL PPBPS

Minimum Trench Depth: 26 Inches

Maximum Trench: Depth: 28 Inches

Pump Required: ☐ Yes ☐ No ☐ May Be Required

Pump Tank: Gallons

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

Keep proposed septic 10ft min. from any property lines and house. Keep septic 50ft min. from any wells or well locations including neighboring lots.

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(a)).

Authorized State Agent:

Wilkerson, Austin

Date of Issue:

01/10/2025

Total Time: (HH:MM)

☒ Hand Drawing

Import Drawing

*Austin Wilkerson REHS*****Site Plan/Drawing attached.****

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Construction Authorization

Granville County Health Dept
Environmental Health
101 Hunt Drive
Oxford, NC 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

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County ID Number: 183400162165
Evaluated For: NEW

PERMIT VALID UNTIL: 01/10/2030

☐ Open Pump System Sheet

Applicant: Liliu Homes Inc
Address: 5 W Mason Street
City: Franklinton
State/Zip: NC 27525
Phone #: home: (919) 605-3275 cell: (919) 605-3275

Property Owner: Liliu Homes Inc
Address: 3918 Cedar Knolls Drive
City: Youngsville
State/Zip: NC 27596
Phone #: home: (919) 605-3275 cell: (919) 605-3275

Property Location & Site Information

Address/Road #: 3918 Cedar Knolls Drive
Youngsville, NC 27596
Subdivision: Cedar Knolls Phase: NEW Lot: 19
Directions:
Structure: SINGLE FAMILY
of Bedrooms: 4
of People:
*Water Supply: NEW WELL

System Specifications

Usuable Soil Depth: 48 Minimum Trench Depth: 24 Inches
Design Flow: 480 Maximum Trench Depth: 36 Inches
Soil Application Rate: 0.3000 Minimum Soil Cover: Inches
*System Classification/Description: TYPE III G. OTHER NON-CONV. TRENCH SYSTEMS Maximum Soil Cover: Inches
*Proposed System: 25% REDUCTION *Distribution Type: GRAVITY - PARALLEL (eq. d-box)
Nitrification Field: 1200 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. Pump Tank: Gallons
☒ Feet O.C. Grease Trap: Gallons
Trench Spacing: 9 - ☐ Inches
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:

Keep proposed septic 10ft min. from any property lines and house. Keep septic 50ft min. from any wells or well locations including neighboring lots.

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: Wilkerson, Austin *Austin Wilkerson* Date of Issue: 01/10/2025

☒ Hand Drawing ☐ Import Drawing

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

Total Time : (HH:MM)



Well Construction Permit

Granville County Health Dept
Environmental Health
101 Hunt Drive
Oxford NC, 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 443366
PIN Number: 183400162165
Tax Lot #: 19 Tax Block #: _____
Evaluated For: _____

PERMIT VALID UNTIL: 01/10/2030

Property Owner: Lilium Homes Inc
Address: 3918 Cedar Knolls Drive
City: Youngsville
State/Zip: NC / 27596
Phone #: H: (919) 605-3275 C: (919) 605-3275

Applicant: Lilium Homes Inc
Address: 3918 Cedar Knolls Drive
City: Youngsville
State/Zip: NC / 27596
Phone #: H: (919) 605-3275 C: (919) 605-3275

Property Location & Site Information

Address/Road #: 3918 Cedar Knolls Drive Subdivision: Cedar Knolls Phase: _____ Lot: 19
Youngsville NC, 27596
*Proposed use of Well: _____
If Other: _____
Applicant Email: _____
Owner Email: _____

Directions:

Well Contractor Information

Drilling Contractor: _____ Driller Registration: _____

Permit Conditions

*Permit Conditions

Keep proposed well 10ft min. from any property lines. Keep well 50ft min. from any parts of the septic including neighboring septic. Keep well 25ft min. from house.

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: Wilkerson, Austin
Authorized State Agent: ADW WE REPS
Owner/Applicant: Lilium Homes

*Date of Issue: 01/10/2025
☒ Hand Drawing ☐ Import Drawing
Site Plan/Drawing attached.

Granville-Vance Dist. Health Department
Environmental Health

Pin _____

Permit Number 443366

☒ Improvement Permit

☐ Construction Authorization

SITE SKETCH

Lilium Homes Inc
Applicants Name

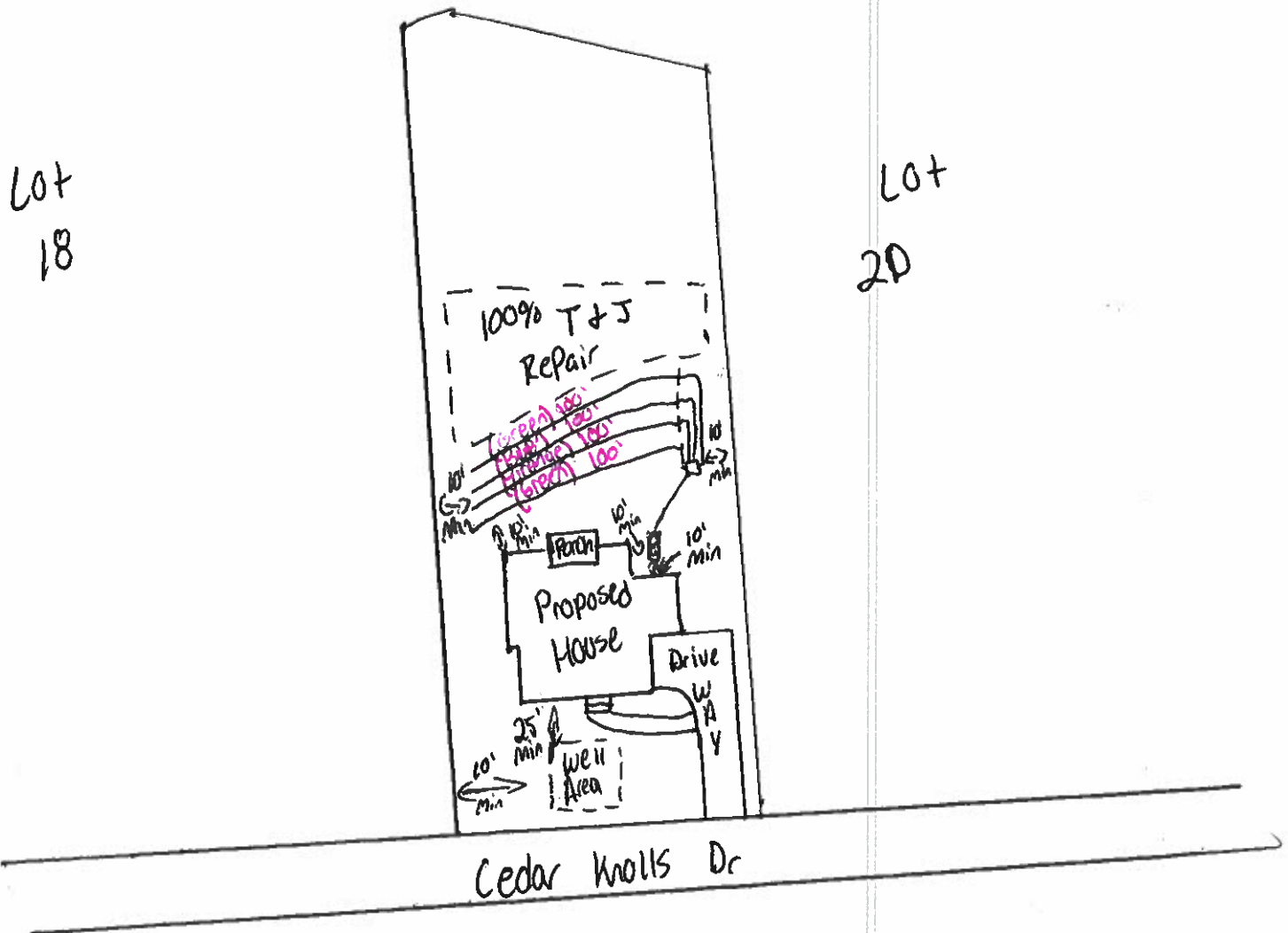
3410 Cedar Knolls Dr.
Address

Cedar Knolls Lot 19
Subdivision - Section - Lot

Austin Wilkerson
Authorized State Agent

1/10/25
Date

System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to ensure that proper grade is maintained.





WPDT Screening Report

Area of Interest (AOI) Information

Area : 13,824,767.71 ft²

Jan 10 2025 12:49:48 Eastern Standard Time



Non-MST Features

Low Risk

North Carolina Districts (Polygons - Parcels)

County Boundary

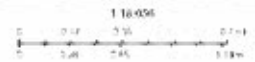
Non-System Roads

Non-System

Secondary Roads

Primary Roads

DOT Roads



NOTES: This map was created using data from the North Carolina Department of Transportation (NCDOT) and the North Carolina Department of Environment and Natural Resources (NCEM). The map is for informational purposes only and should not be used for legal or regulatory purposes.

★ NO Found contamination within 1000ft
Radius of subdivision ★