GRANVILLE VANCE public health

IMPROVEMENT PERMIT

Granville Vance Public Health
Environmental Health
PO Box 367
Oxford, NC 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number: 462086 - 1
County ID Number:
Evaluated For: NEW

PERMIT VALID UNTIL: 11/21/2030

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

Applicant:	ANGELO DELUKE
Address:	213 PLOTT HOWARD LANE
City:	WAKE FOREST
State/Zip:	NC 27587
Phone #:	home: (919) 761-4730

Property Owner:	JOHN DOWNS
Address:	3306 EDGE VIEW
City:	SAN ANTONIO
State/Zip:	TX. 78259
Phone #:	home: (210) 556-2233

Property Location & Site Information

Address: 4458 POPPY MALLOW LANE , NC
Subdivision: MURPHYS RIDGE
Block/Phase: NEW
Lot: 1
Road #:
Structure: SINGLE FAMILY
# of Bedrooms: 3
# of People:
*Water Supply: NEW WELL

Directions
GPS

System Specifications

Initial System

Usable Soil Depth:
Design Flow: 360
Soil Application Rate: 0.2750
Minimum Trench Depth: 18 Inches
Maximum Trench Depth: 18 Inches
Septic Tank: 1000 Gallons
*System Classification/Description:
Type IIIb - Wastewater System with a Single Pump o
Pump Required (X) Yes ( ) No ( ) May Be Required
*Proposed System:
25% REDUCTION
Pump Tank: 1000 Gallons

Repair System Required: (X) Yes ( ) No ( ) No, but has Available Space

Repair System

Usable Soil Depth:
Soil Application Rate: 0.275
Minimum Trench Depth: 18 Inches
Maximum Trench: Depth: 18 Inches
*System Classification/Description:
Type IIIb - Wastewater System with a Single Pump o
Pump Required: (X) Yes ( ) No ( ) May Be Required
*Proposed System: 25% REDUCTION
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**

REHS flagged top initial drain line in field. Keep manifold/drain lines min. 10' off property lines. Min. 50' off wells.

CDP File Number: 462086

County ID Number:

The Department and Local Health Department may impose conditions on the issurance 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 it 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: Bullock, Will Date of Issue: 11/21/2025

Total Time: (HH:MM)

⊘ Hand Drawing ○ Import Drawing ****Site Plan/Drawing attached.****

GRANVILLE VANCE public health

Construction Authorization

Granville Vance Public Health
Environmental Health
PO Box 367
Oxford, NC 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number: 462086 - 1
County ID Number:
Evaluated For: NEW

PERMIT VALID UNTIL: 11/21/2030

☐ Open Pump System Sheet

Applicant:	ANGELO DELUKE	Property Owner:	JOHN DOWNS
Address:	213 PLOTT HOWARD LANE	Address:	3306 EDGE VIEW
City:	WAKE FOREST	City:	SAN ANTONIO
State/Zip:	NC 27587	State/Zip:	TX. 78259
Phone #:	home: (919) 761-4730	Phone #:	home: (210) 556-2233

Property Location & Site Information

Address/Road #: 4458 POPPY MALLOW LANE , NC
Subdivision: MURPHYS RIDGE
Phase: NEW
Lot: 1
Directions: GPS
Structure: SINGLE FAMILY
# of Bedrooms: 3
# of People:
*Water Supply: NEW WELL

System Specifications

Usable Soil Depth: 30
Design Flow: 360
Soil Application Rate: 0.2750
*System Classification/Description: Type IIIb - Wastewater System with a Single Pump o
*Proposed System: 25% REDUCTION
Nitrification Field: 981 Sq. ft.
No. Drain Lines: 4
Total Trench Length: 330 ft.
Trench Spacing: 9 - ____
Trench Width: 3 - ____
Aggregate Depth: ____ inches

Minimum Trench Depth: 18 Inches
Maximum Trench Depth: 18 Inches
Minimum Soil Cover: ____ Inches
Maximum Soil Cover: ____ Inches
*Distribution Type: PRESSURE MANIFOLD
Septic Tank: 1,000 Gallons
Pump Required: (X) Yes ( ) No ( ) May Be Required
Pump Tank: 1,000 Gallons
Grease Trap: ____ Gallons

( ) Inches O.C. (X) Feet O.C.
( ) Inches (X) Feet

Septic Tank Installer Grade Level Required: ( ) I (X) 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:**

REHS flagged top initial drain line in field. Keep manifold/drain lines min. 10' off property lines. Min. 50' off wells.

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 regaurding system location, installation, operation, maintenance, monitoring, reporting and repair (per rule .0301((a)).

Authorized State Agent: Bullock, Will Date of Issue: 11/21/2025

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

(X) Hand Drawing ( ) Import Drawing

Total Time : (HH:MM) ____

Granville-Vance Dist. Health Department
Environmental Health

Pin _____ Permit Number P-46206

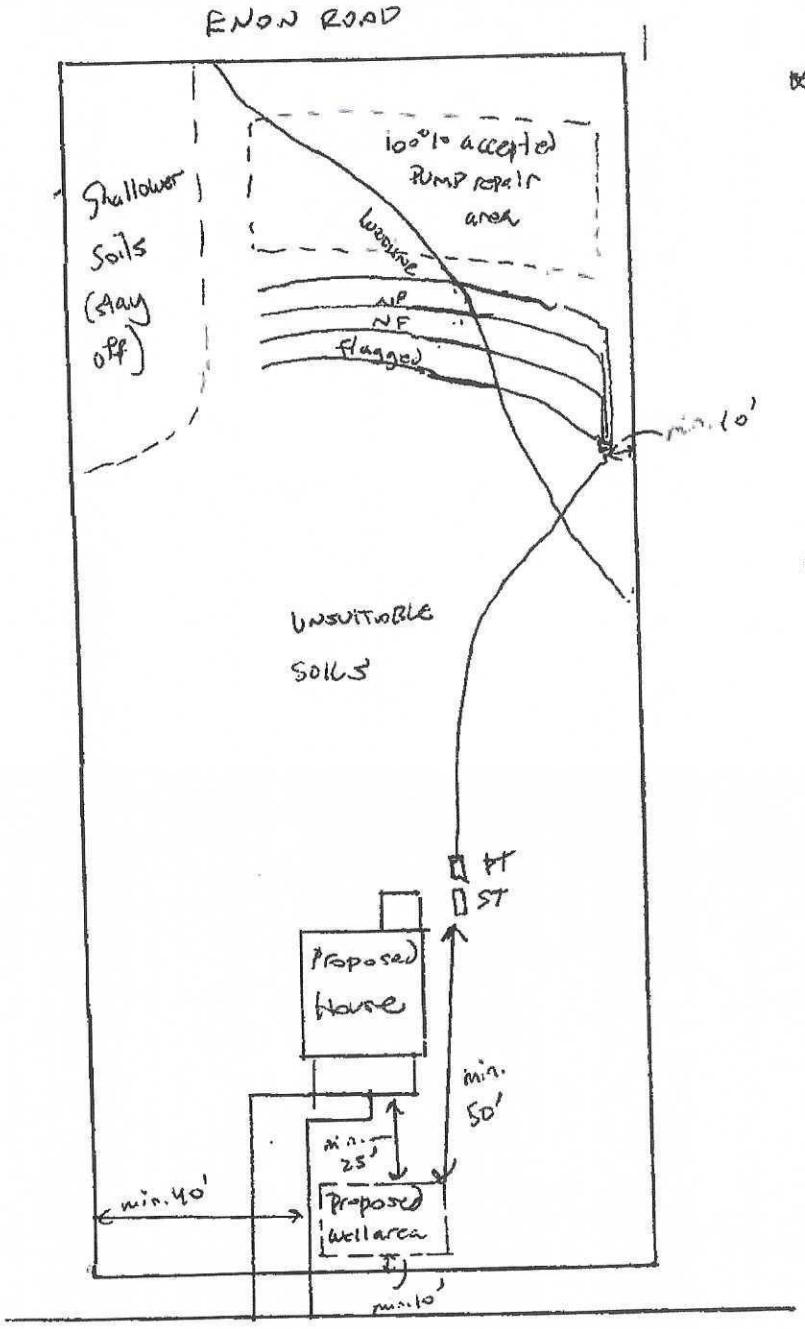
✓ Improvement Permit 3 bedroom ✓ Construction Authorization

SITE SKETCH

Angelo DeLuke — Applicant's Name
4458 Poppymallow Ln. — Address
Murphy's Ridge 1 — Subdivision – Section – Lot

RENS — Authorized State Agent
11/21/25 — 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.



TOP INITIAL BRAINLINE FLAGGED IN FIELD BY RENS

2

~~8627~~
ENON rd.

GRANVILLE VANCE public health

Well Construction Permit

Granville Vance Public Health
Environmental Health
PO Box 367
Oxford NC, 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 462086

PIN Number:

Tax Lot #: 1 Tax Block #:

Evaluated For:

PERMIT VALID UNTIL: 11/21/2030

Property Owner:	JOHN DOWNS	Applicant:	ANGELO DELUKE
Address:	3306 EDGE VIEW	Address:	213 PLOTT HOWARD LANE
City:	SAN ANTONIO	City:	WAKE FOREST
State/Zip:	NC / 27259	State/Zip:	NC / 27587
Phone #:	H: (210) 556-2233	Phone #:	H: (919) 761-4730

Property Location & Site Information

Address/Road #: 4458 POPPY MALLOW LANE

Subdivision: MURPHYS RIDGE Phase: Lot: 1

*Proposed use of Well:

If Other:

Applicant Email:

Owner Email:

Directions: GPS

Well Contractor Information

Drilling Contractor:

Driller Registration:

Permit Conditions

*Permit Conditions

Keep proposed well min. 50' off any part of septic (Including neighboring lots). Min. 25' off house foundation. Min. 10' off front property line (Stay out of road right of way). Well driller responsible for maintaining all setbacks.

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: Bullock, Will

*Date of Issue: 11/21/2025

Authorized State Agent:

Owner/Applicant: John Downs / Angelo DeLuke

Hand Drawing ○ Import Drawing

Site Plan/Drawing attached.

GRANVILLE VANCE
public health

Well Construction Permit

Granville Vance Public Health
Environmental Health
PO Box 367
Oxford NC, 27565
Phone: (252) 492-5263 Fax: (252) 492-2361

For Office Use Only

*CDP File Number 462086

PIN Number:

Tax Lot #: 1 Tax Block #:

Evaluated For:

PERMIT VALID UNTIL: 11/21/2030

PROCEDURES FOR OBTAINING SEPTIC SYSTEM PERMIT

1. Visit the Granville County Zoning Office between 8.30 am to 11:00 am and from 2:00 pm 4:00 pm, Monday thru Friday. The Zoning Department is located at 122 Williamsboro St. Telephone: (919) 603-1331.

2. Next you will need to see Secretary Environmental Health Processing, between 8:30 am to 12 noon and 1:00 pm to 5:00 pm (PLEASE NOTE: The Environmental Health Office closes from 12:00 noon until 1:00 pm for lunch each day). Environmental Health is located at 101 Hunt Drive, Oxford NC. **YOU WILL NEED TO TAKE THE FOLLOWING ITEMS WITH YOU TO THE ENVIRONMENTAL HEALTH DEPARTMENT:**

   a) *Development permit from the Zoning Department*

   b) *A site plan which includes the following:*

      (1) Property dimensions (must be on a survey map)
      (2) Proposed house location and size (length & width)
      (3) A measurement from the front property line to the front of the dwelling
      (4) A measurement from one side property line (either side) to the side of the dwelling
      (5) Proposed driveway location
      (6) Well or water line location
      (7) Any additional structures that are located on the lot (store buildings, garages, swimming pools, etc.)

   c) *Cash, check or credit card in the amount of $400.00 for septic and an additional $400.00 for well.*

NOTE: If a lot is evaluated and found unsuitable, the fees are not refundable. However, should the site be suitable or provisionally suitable, the fee does cover the evaluation, permit, and final inspection of a conventional septic system. If it is determined that an LPP or pump system is necessary, an additional $50.00 must be paid prior to obtaining your permit from the office.

3. Please prepare the lot for evaluation by doing the following:

   a) Be certain that **all** property lines and property corners are flagged and clearly visible. Property lines should be flagged **every 30 feet**.

   b) Mark each corner of the house location with a stake or flag. Include all decks, porches, etc.

   c) Dig 4 holes, 6 inches wide and 30 inches deep. Holes should be in a square-like pattern 75 feet apart. (See diagram on back) **Clear any underbrush inside the 75-foot area.**

      - Holes should not be dug in low or depressed areas.
      - Holes must be at least 50' from any well, stream, creek or body of water.
      - If holes are located ANY upslope from house location, septic system will REQURE a pump.

   Note: The location of the dug holes indicates the applicant's intention for the location of the septic area.

   d) Post orange sign where it is visible from road

Please note: if a trip is made to evaluate a lot and the lot is not prepared according to directions, a $100.00 fee will be charged for each unnecessary trip made.

4. When the lot has been prepared, call Secretary (919) 693-2688, or email eh@gvph.org so that your application can be put on the list of lots to be evaluated. Lot evaluation time will vary depending on workload.

5. After an evaluation is completed and the lot is found suitable for a sewage disposal system, an improvement permit and authorization to construct can be issued.

GRANVILLE VANCE

Required Site Plan

All applications must include a site plan. The site plan shows the preferred location of the house, driveway, and any other proposed structures. The proposed location of the septic system and well shall also be shown. You will be contacted by an Environmental Health Specialist if the proposed site plan needs to be adjusted to accommodate the well and septic system.

The site plan must include the following information:

_____ Dimensions of the property. (Existing or proposed).

_____ Proposed size and location of the house. The exact footprint of the house is not required as long as it fits within the proposed area. Measurements from at least two property lines to the proposed house location must be shown.

_____ Proposed driveway location.

_____ Proposed location of the septic system and well (optional).

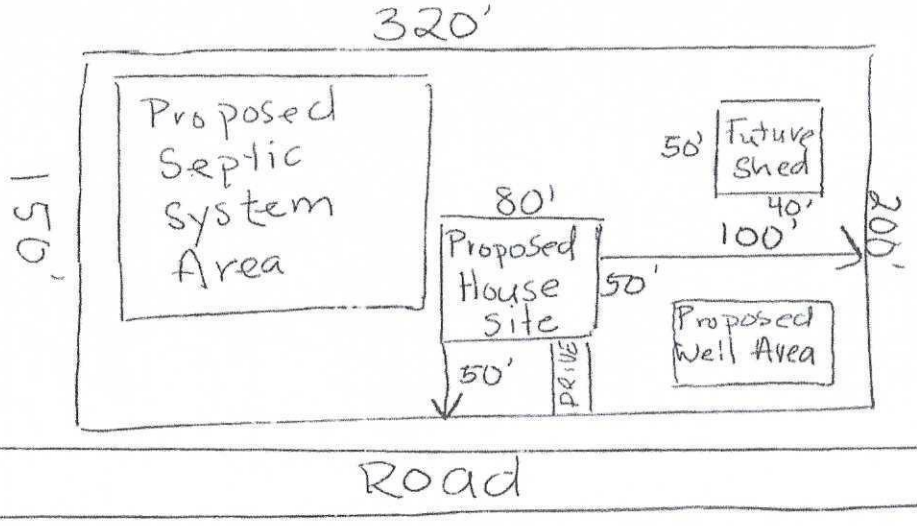
_____ Location and size of additional structures (Proposed or future additions). This includes sheds, garages, workshops, pools, etc.

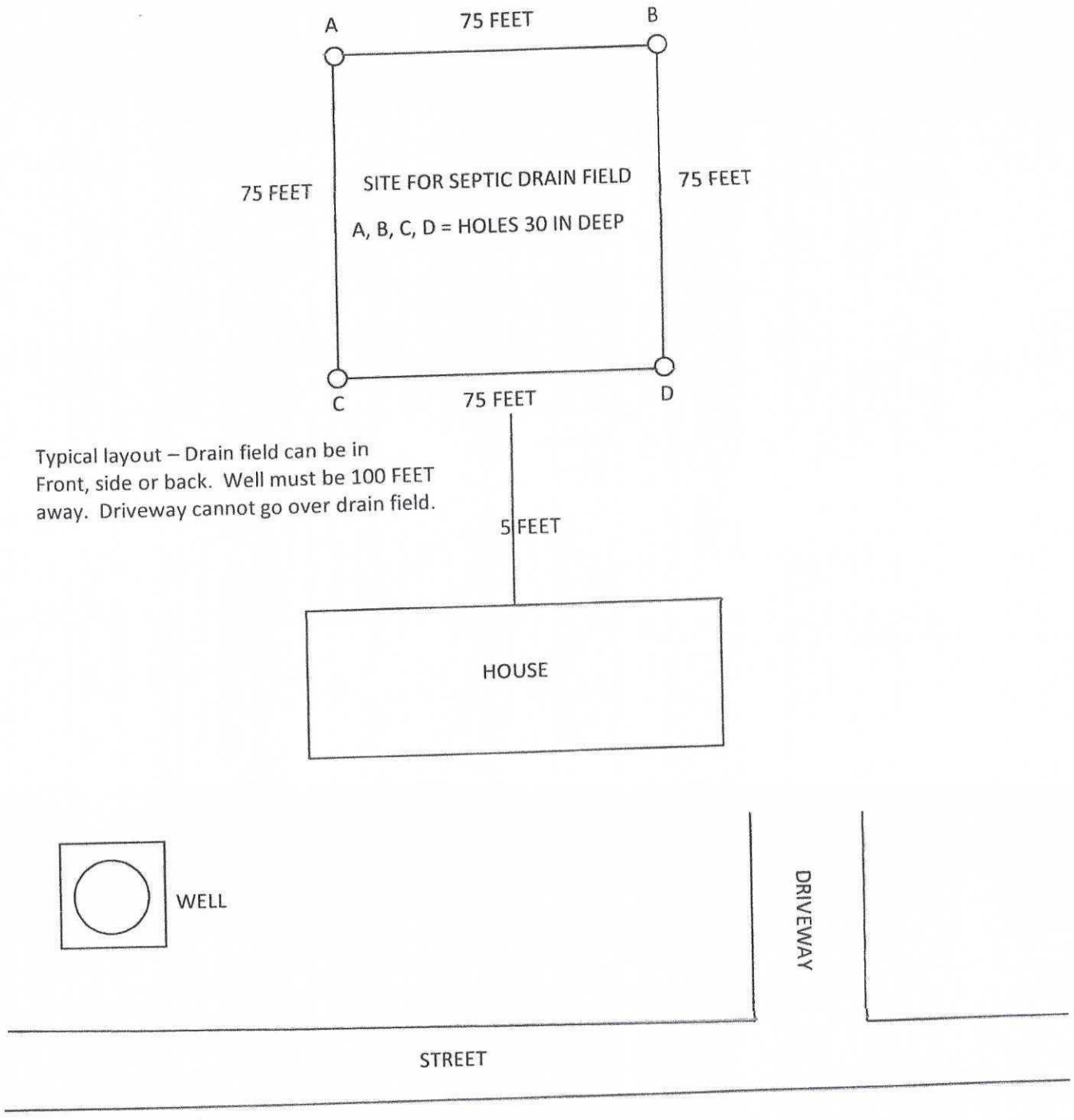
_____ Locations of wells or septic systems on adjacent properties (if known).

_____ Location of easements (access, power lines, or others) on the property if known.

Example of a Site Plan

This is an example of a site plan. The site plan does not have to be to scale but must include the required information listed above.




A
75 FEET
B
75 FEET
SITE FOR SEPTIC DRAIN FIELD
A, B, C, D = HOLES 30 IN DEEP
75 FEET
C
75 FEET
D
Typical layout – Drain field can be in Front, side or back. Well must be 100 FEET away. Driveway cannot go over drain field.
5 FEET
HOUSE
WELL
DRIVEWAY
STREET