



IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30007385**

GWS File #: **9156B**

Tax Parcel #: **003-371-06**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years

Expiration Date (If Applicable): 7/9/2020

Type of Installation: Residential - New System

Lot Number: 5

Structure Type: HOUSE

Size (ft²): 6400

Bedrooms: 6

Occupants: 10

Building Foundation: Basement With Plumbing

Water Supply: Private Well

II. Initial System Type: Pump to Accepted

System Classification: IIIb

Initial System Specifications:

Design Flow (gpd): 720 LTAR (gpd/ft²): .3 Septic Tank Size (gal): 1500 Pump Tank Size (gal): 1500

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft²): 1800 Total Trench Length (ft): 600

Maximum Trench Depth (in): 34 Depth of Media (in): 12 Distribution Device: Pressure Manifold

III. Repair System Type: PPBPS (pressurized)

System Classification: IVa

Repair System Specifications:

Design Flow (gpd): 720 LTAR (gpd/ft²): .25 Septic Tank Size (gal): 1500 Pump Tank Size (gal): 1500

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft²): 1440 Total Trench Length (ft): 480

Maximum Trench Depth (in): 34 Depth of Media (in): 22 Distribution Device: Manifold (LPP Distri

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Kim Garrett

Owner/Legal Agent: Pat Pennino

Signature: Kim Garrett

Signature: Pat Pennino

Date Issued: 7/9/2015



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IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- This type of repair system requires the property owner to obtain a contract with a Certified Operator to perform routine inspections and maintenance on the system.
- This type of repair system requires periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- The septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- The system must be water tested during the final inspection to verify proper operation and set system pressure.
- The supply pipe shall be installed with a minimum of 30" of compacted cover over the pipe or properly sleeved under areas that are subject to vehicular traffic.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 15 feet from any foundation drain.

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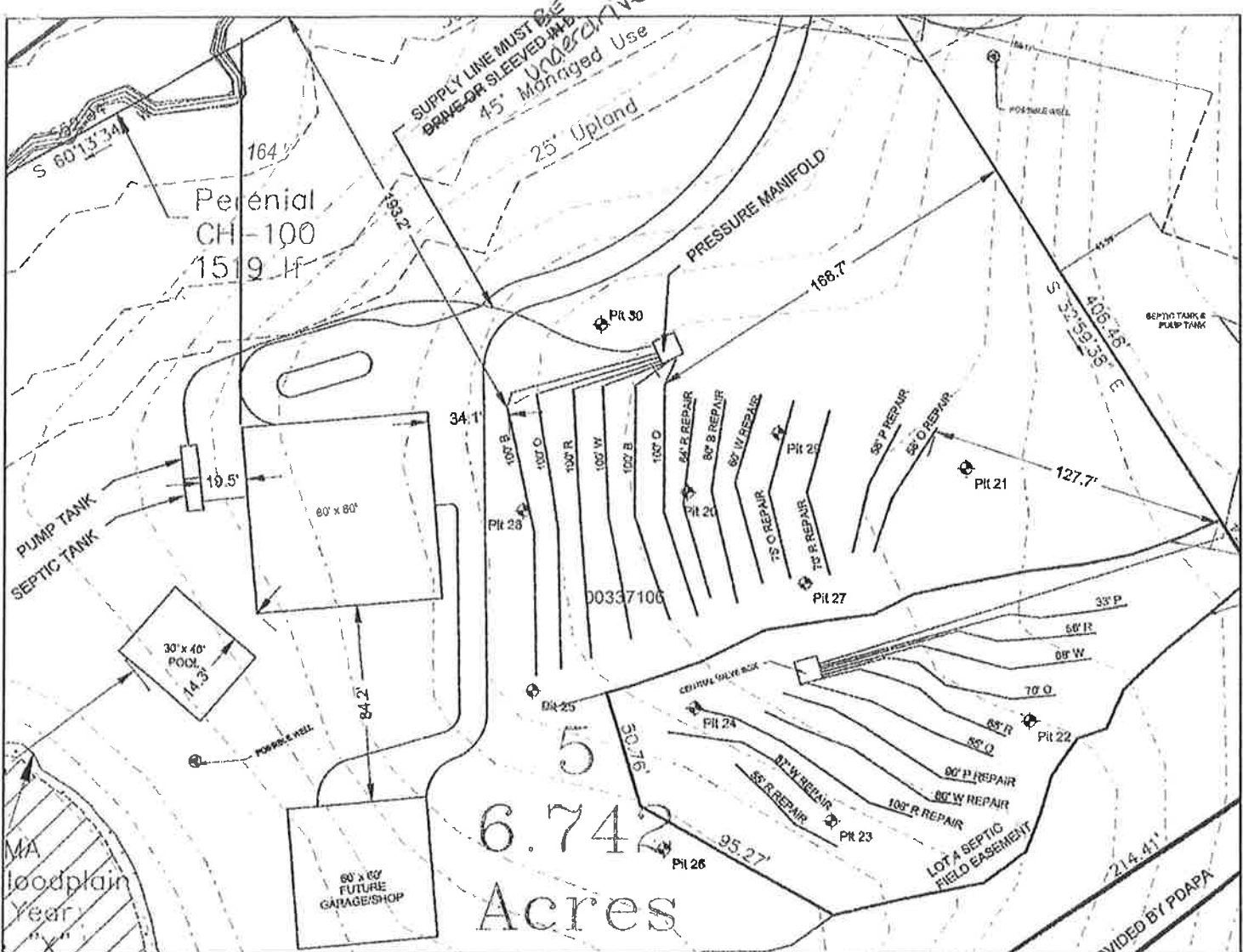
Authorized Agent: Kim Garrett

Signature: Kim Garrett

Date Issued: 7/9/2015

Owner/Legal Agent: Pat Pennington

Signature: Pat Pennington
Print Name



5
6.742
Acres

Mecklenburg County Health Department
 Environmental Health Division
 IMPROVEMENT Permit for Residential
 ONSITE-WASTEWATER TREATMENT & DISPOSAL

PID # 003-371-06
 20327 Shearer Road Lot #5
 Davidson, NC 28036

Permit # 30007385
 File # 9156 B

Authorized Agent: *[Signature]*

Owner/Legal Agent: *[Signature]*

INSTALLATION NOTES:
 720 gpd
 0.3 LTAR
 600 TLF

6 x 100' x 3' lines to be installed on contour

max trench bottom 34 inches
 1500 gallon ST
 1500 gallon PT
 TYPE IIIb
 Pressure Manifold

Install according to all NC Rules & Regulations
 and maintain the following setbacks:

- >100 ft from well (min. 50 ft)
- >10 ft from property lines and water lines
- >15 ft from building foundation

1 inch = 70 feet



REFERENCE: BASE DRAWING PROVIDED BY PDAPA



3718 OLD BATTLEGROUND ROAD
 GREENSBORO, NC 27410
 PH 336-288-7180
 FAX 336-288-8980
 WWW.SMEINC.COM

GOEHRING ESTATES, LLC
 GREEN LEVEL SUBDIVISION - LOT 2
 SHEARER RD, MECKLENBURG COUNTY, NC

SCALE: AS SHOWN	DRAWN BY: RDM	CHECKED BY: PGP
JOB NO: 4358-14-125	DATE: JUNE 2015	FIGURE NO: