

IMPROVEMENT PERMIT



Madison County Health Department
 5707 US Hwy 25
 Marshall, NC 28753
 Phone: 828-649-9598 FAX: 828-649-9370

For Office Use Only

*CDP File Number: 399317 - 1
 County ID Number: 8766-75-0633 8766-
 Evaluated For: A2
 Township: _____

PERMIT VALID UNTIL: 08/24/2028

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

Applicant: Land Resource Management
 Address: PO BOX 9251
 City: Asheville
 State/Zip: NC 28805
 Phone #: _____

Property Owner: Pantano Properties, LP
 Address: 64 Tanglewood Drive
 City: Asheville
 State/Zip: NC 28806
 Phone #: _____

Property Location & Site Information

Address: TBD Big Pine Road Subdivision: Upper Lot Block/Phase: _____ Lot: _____
Marshall, NC 28753

Road #: _____ **Directions**
 Structure: SINGLE FAMILY US-25 left on Sharp Hollow Road left on Barnard Road Right on Big Pine Road
 # of Bedrooms: 3 to parcels across from 10767 Big Pine Road.
 # of People: 6
 *Water Supply: NEW WELL

System Specifications

Initial System

*Site Classification: <u>PS 10" LDP</u>	Minimum Trench Depth: _____ <u>18</u> Inches
Saprolite System? <u>No</u>	Maximum Trench Depth: _____ <u>18</u> Inches
Design Flow: <u>360</u>	Septic Tank: _____ <u>1000</u> Gallons
Soil Application Rate: <u>.4</u>	1 - Piece: <u>No</u>
*System Classification/Description:	Pump Required: <u>No</u>
<u>TYPE III F. 10' LARGE DIAMETER PIPE SYSTEM</u>	Pump Tank: _____ Gallons
*Proposed System: <u>10" LARGE DIAMETER PIPE SYSTEM</u>	1 - Piece: _____

Repair System Required: Yes

Repair System

*Site Classification: <u>PS Drip</u>	Minimum Trench Depth: _____ <u>6</u> Inches
Soil Application Rate: <u>.3</u>	Maximum Trench Depth: _____ <u>6</u> Inches
*System Classification/Description:	Pump Required: <u>Yes</u>
<u>TYPE V C. AEROBIC TREATMENT UNIT (ATU)</u>	
*Proposed System: <u>DRIP</u>	

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***Site Modifications**

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

***Permit Conditions**

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 IS AN (A2) permit designed by LSS --LRM

Site Plan



The Improvement Permit shall be valid for 5 years from date of issue with a site plan (means a drawing not necessarily drawn to scale that shows the existing and proposed property lines with dimensions, the location of the facility and appurtenances, the site for the proposed Wastewater system, and the location of water supplies and surface waters).

Plat



The Improvement Permit shall be valid without expiration with plat (means a property surveyed prepared by a registered land surveyor, drawn to a scale of one inch equals no more than 60 feet, that includes: the specific location of the proposed facility and appurtenances, the site for the proposed Wastewater system, and the location of water supplies and surface waters. Plat also means, for subdivision lots approved by the local planning authority and recorded with the county register of deeds, a copy of the recorded subdivisions plat that is accompanied by a site plan that is drawn to scale).

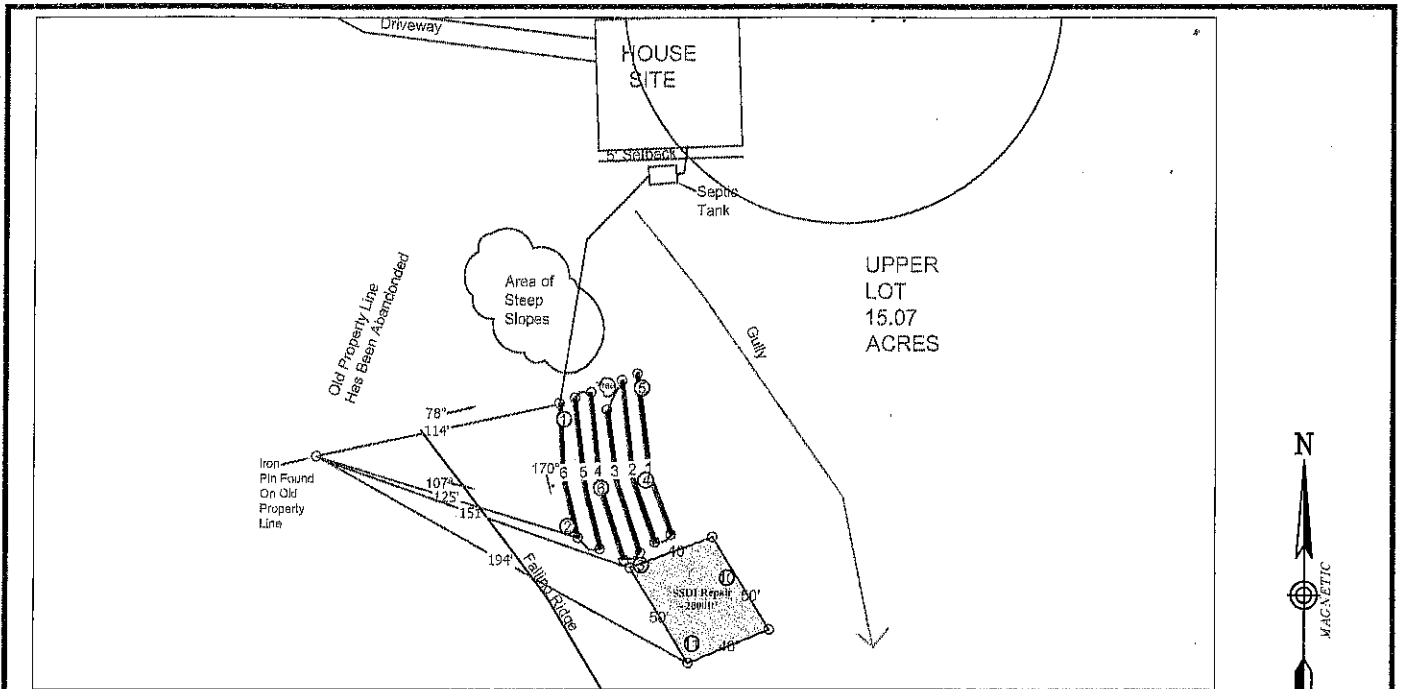
The Department and Local Health Department may impose conditions on the issuance and may revoke the permits for failure of the system to satisfy the conditions, the rules, or this article. This permit is subject to revocation if the site plan, plat, or intended use changes (NCGS 130A-335(f)). The person owning or controlling the system shall be responsible for assuring compliance with the laws, rules, and permit conditions regarding system location, installation, operation, maintenance, monitoring, reporting, and repair (.1938(b)).

Applicant/Legal Reps. Signature Required? Yes No

Applicant/Legal Reps. Signature: _____ Date: _____

*Issued By *Janice Lee* Date of Issue: 08/24/2023

Authorized State Agent: _____ Valid without Expiration?



PRIMARY:			
System Kind: 10 Inch Large Diameter Pipe			
LTAR: 0.4		3-Bedroom Design	
Trench Depth (In.) : 18		Trench Width (In.) : 12	
FLAGGED LINES (Downslope to Upslope/ 7 Foot Centers)			
LINE	COLOR	FEET	CUMULATIVE FEET
1	Pink	70	70
2	Orange	70	140
3	Pink	65	205
4	Orange	70	275
5	Pink	55	330
6	Orange	60	390
REPAIR:			
System Kind: Aerobic Subsurface Drip Irrigation			
LTAR: 0.3		3-Bedroom Design	
Trench Depth (In.) : 6		Trench Width (In.) : N/A	
The repair area is flagged in the field and represents approximately 2000ft ² . The proposed repair system requires a minimum of 1200 ft ² . Additional repair area is available if needed.			

- Notes:**
- 1) This LSS Evaluation is being submitted pursuant and meets the requirements of G.S.130A-335(a2). This AOWE submittal is pursuant to and meets the requirements of G.S.130A-335(a2) and (a5).
 - 2) Per 15A NCAC 18A.1952 (1) and approved 1000 gallon septic tank will be required.
 - 3) Per 15A NCAC 18A .1955 (e) a minimum of 3" schedule 40 PVC pipe installed according to the rule will be required from the tank to distribution.
 - 4) LRM recommends use of serial distribution per manufacturer's specifications depending upon material used.
 - 5) This is for an Improvement permit only. Additional site work may be required along with a site plan showing the final house site location and dimensions before the Construction Authorization(CA) can be issued. No CA can be issued without LRM consent.
 - 6) The above parcel has just been divided into two tracts. The new pin number have not been provided to LRM. The original pin number is used as referenced on this report Portion of PIN 8766-75-0633 and 8766-55-4767 new pin pending. New pin number will be required before Construction Authorization (CA) can be issued.
 - 7) The site map and House site are approximate the septic area need to remain undisturbed and maintain required setbacks. If the septic area is disturbed or does not meet the setbacks this report is null and void.
 - 8) Additional linear footage exist in the primary system in case solid piping is required around trees.

LAND RESOURCE MANAGEMENT



P.O. BOX 9251
ASHEVILLE, NC 28815

828.231.1663

www.landrm.com



Walter Boone Pershing

Date:	8-17-23
Scale:	AS NOTED
Proj.#:	333723
Designed:	AGH
Drawn:	AGH
Checked:	WBF
Reviewed:	WBF

UPPER LOT
BIG PINE ROAD

MADISON COUNTY
NORTH CAROLINA