

On-site Wastewater

# Cherokee County Health Department

Permit # **2024000047**

228 Hilton Street · Murphy, North Carolina 28906 (828) 835-3853

Associated PDWW Permit: **NA**

- IMPROVEMENT PERMIT** (Valid for 60 months from date of issue) (Building permit cannot be issued unless CA is marked)
- CONSTRUCTION AUTHORIZATION** (Expires with Improvement Permit on: **5/17/2029**)

This authorization is for a/n \_\_\_\_\_ to a wastewater system.

Applicant/Owner: **Theodore Haengel** PIN#: **451000660262000** Zone: **WF** Acreage: **1.37**

Property Description: **Wolf Ridge Estates Lot 20**

Facility: **Residential, 3 bedrooms** Maximum # Occupants: **6** Basement: **Yes with fixtures**

Design Flow: **360 gpd** Water Supply: **Proposed Single Family Well** (off-site)

### IMPROVEMENT PERMIT

System: **LDP-10 - Gravity** Class: **III f**  
 Soil Depth: **35"** Saprolite: **0** LTAR: **0.5** Slope: **35%**  
 Repair: **Drip - Pump TS-I** Class: **Vc**  
 Repair Soil Depth: **50"** LTAR: **0.25**

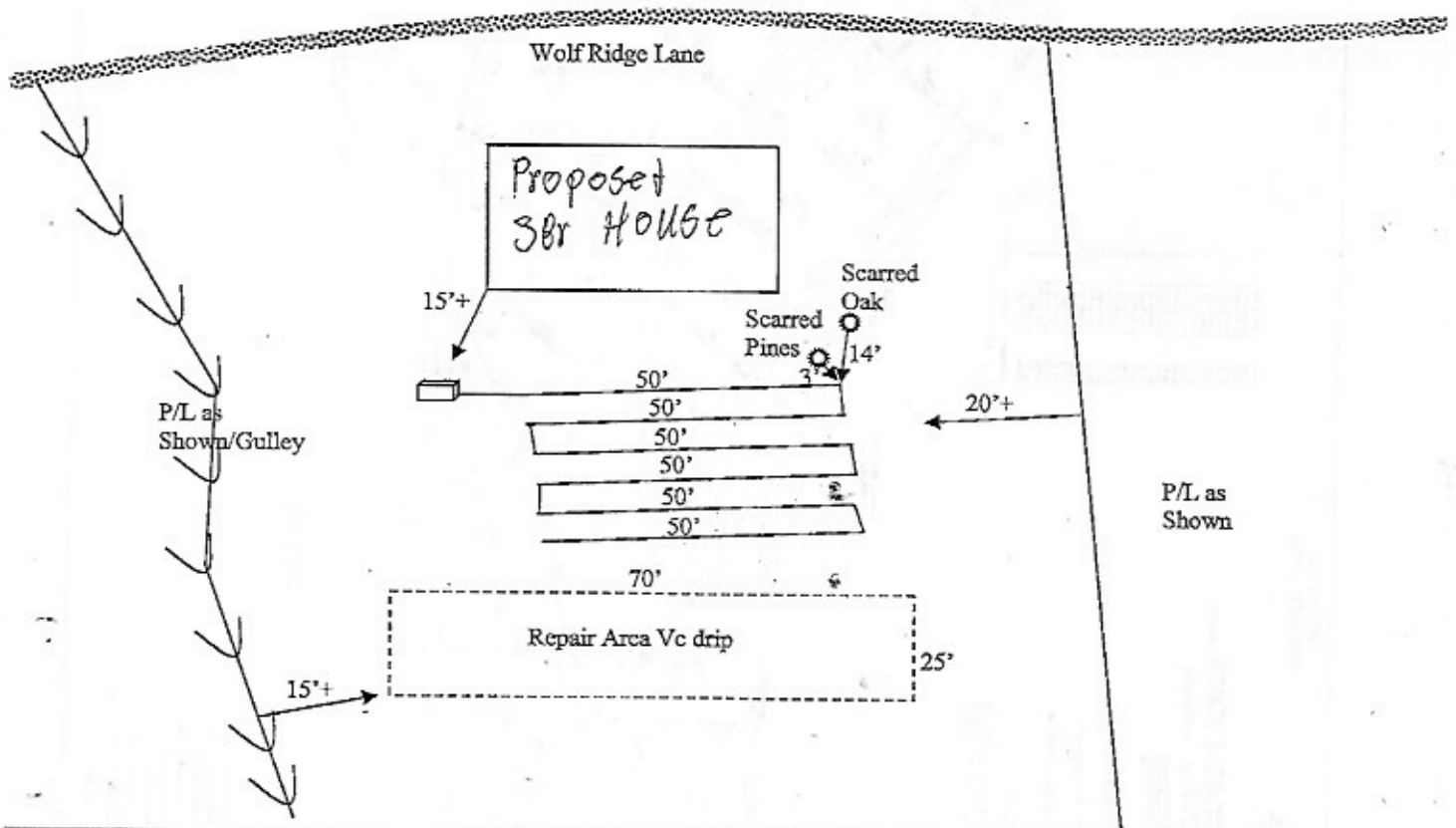
### CONSTRUCTION AUTHORIZATION

Septic Tank: **1000 gal** Pump Tank: **Not Req'd**  
 Trench Length: **300'** & Spacing: **6' Min** (On Center)  
 Trench Depth: **18" Max** (Low Side) & Width: **12" Max**  
 Distribution: **Serial**

### Permit Conditions:

Do not disturb designated system areas. Divert all drainage from system areas. Maintain all setbacks. Do not bench. Installer is responsible for installing lines level and on contour.

Diagram (Not to Scale)



This permit/authorization is subject to revocation if the information submitted in the application is found to have been incorrect, falsified or changed, the site is altered, or intended use changes; is transferable; and is subject to the provisions of the Laws and Rules for Sewage System Collection, Treatment, and Disposal of the North Carolina Administrative Code. (By signing this document, I accept the specifications of this permit)

Date: 5-20-24 *Authorization On File* Owner/Legal Reps. Signature  
 Issue Date: 5/17/24 Malachi Beaver, REHSI 3173 *Malachi Beaver REHSI* Authorized State Agent