

HYDE COUNTY HEALTH DEPARTMENT

P.O. Box 100 Swan Quarter, NC 27885
Phone # (252) 926-4380

IMPROVEMENT PERMIT

INITIAL INSTALLATION: XXX EXPANSION: REPAIR:

Permit No: 22822-3 **Date:** MARCH 28, 2022

Permittee: Richard Shoffner

Address: 2373 Davis Road, Haw River, NC 27258

Phone No.: (336) 261-8681

Property Location: Off Germantown Road, across from marina

Facilities to be served: 3 bedroom house

Water Supply: community

Wastewater Flow GPD: 360

Wastewater System Type: III-c, gravity fill

Wastewater System Repair: same

Long Term Acceptance Rate: .4 gpd/sq.ft.

Absorption Area: 900 sq.ft.

Septic Tank Capacity: 1000 gallons with filter

Pump Tank Capacity: NA

Total Bed/Trench Length: 300 lin.ft. consisting of 3 lines @ 100' each in fill

Bed/Trench Spacing: 9' on center

Maximum Bed/Trench Bottom Depth: Excavate trenches down to a 5' depth to encounter a sand soil. Backfill with clean sand fill to the naturally occurring soil surface. Install fill mound as per the attached specifications.

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RICHARD SHOFFNER
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CONDITIONS:

1. Installation of the wastewater system shall be in strict accordance with the approved site plan and all specifications which are a part of this permit.
2. The location of the wastewater system may be changed with prior Health Department approval.
3. Maintain a minimum of 50' from the CAMA line to all parts of the wastewater system.
4. No part of the wastewater system shall be installed in the Army Corps designated wetlands.
5. A preconstruction conference shall be held and attended by the owner or his representative, the installer, and the Hyde County Health Department Environmental Health Staff. All delineated wetlands both CAMA and Army Corps shall be clearly marked during this conference.
6. There shall be a minimum of 100' setback from Germantown Bay and its tributaries to all parts of the wastewater system.
7. Note the mound specification sheets which are a part of this permit.
8. If rock is used, place geotextile fabric over the rock prior to backfilling.
9. Place a 6" cap of topsoil over the drain field to extend 5' past the trenches prior to tapering. Shape to shed surface water and establish a grass cover. Maintain grass height not to exceed 3"-4.
10. Use water conserving fixtures i.e. 1.6 gallon flush toilets, 2 gpm shower heads, 1 gpm all lavatories. Try to spread out laundry throughout the week. Do not pour grease or harsh cleaning chemicals into the house drains.
11. An Authorization to Construct will be issued upon final approval of the initial site modifications including the mound construction.

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HYDE COUNTY HEALTH DEPARTMENT
P.O. BOX 100
SWAN QUARTER, NC 27385
PHONE: (252) 926-4300

Form 3282-3 Record # Date 09-23-22

This Improvement Permit shall be valid:

For a period of five years

upon a showing satisfactory to the Hyde County Health Department that the site and soil conditions are unaltered, that the facility, design wastewater flow, and wastewater characteristics are not increased, and that a wastewater system can be installed that meets the permitting requirements in effect on the date this permit was issued. This permit is subject to revocation if site plans or the intended use changes.

Authorized Agent:

Hugh Watson, REHS
Registered Environmental Health Specialist
Hyde County Health Department

If any other regulatory agency issues permits for the alterations as described herein, this permit will be invalid.

TYPICAL MOUND SYSTEM PLAN

HYDE COUNTY HEALTH DEPARTMENT
P.O. BOX 100
SWAN QUARTER, NC 27885
PHONE: (252) 926-4380

PIN: IP 32822-3 Record #: Date: 03-28-22

Conventional Pipe

Mound Specifications

Trench Depth (IN): 18

Mound Height above Natural Ground Level (IN): 18

Trench Bottom above Natural Ground Level (IN): 0

Crown Area: 31.0' x 110.0'

Basal Area: 43.0' x 122.0'

Disk natural ground surface thoroughly before mound installation.

Approximately 238 cubic yards will be needed for mound fill & cover.

**Landscape system area for surface water runoff and grass.*

**Do not place drive or any building over system area.*

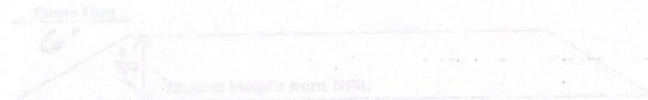
**Observe all proper setbacks: ref .1950*

**Tanks must be pumped clean as a part of any system repair.*

**Disk natural ground before installation of any fill.*

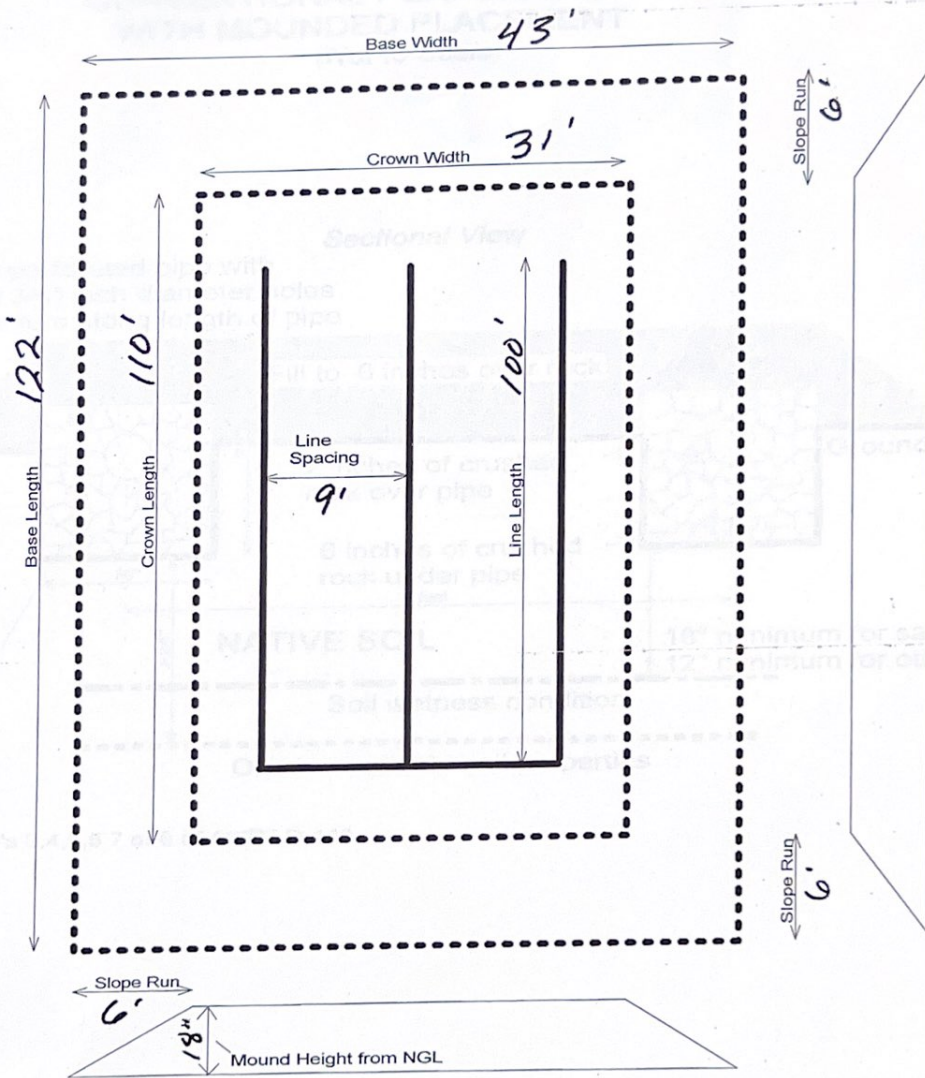
**If building area extends into system area this permit will be invalid.*

**If any other regulatory agency denies permits for land alterations as described herein, this permit will be invalid.*



Specifications for this permitted system:

TYPICAL MOUND CONFIGURATION

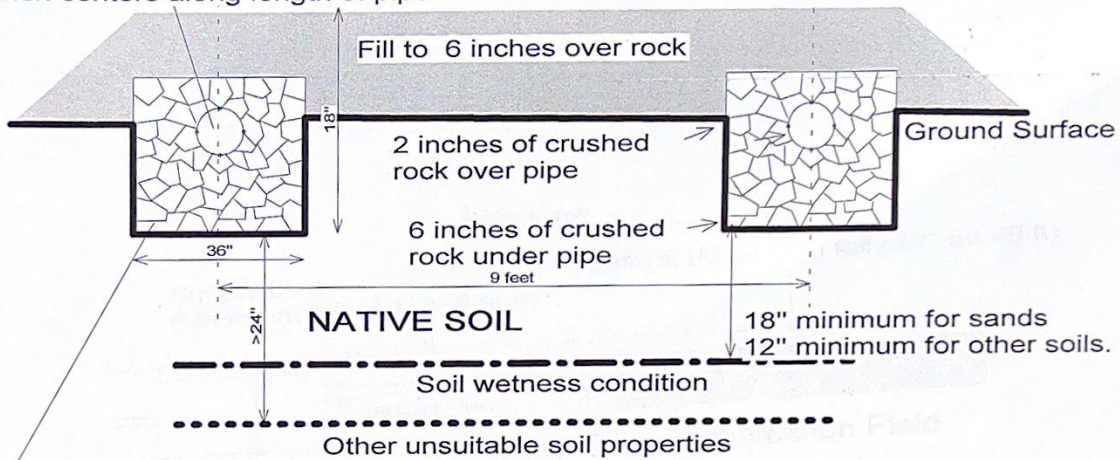


Specifications for this permitted system:

CONVENTIONAL PERFORATED PIPE WITH MOUNDED PLACEMENT (Not to Scale)

Sectional View

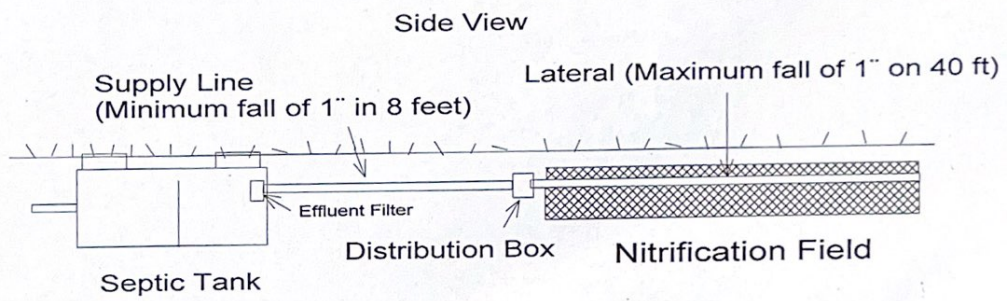
4 (or 5) inch perforated pipe with
three 1/2 (or 3/4) inch diameter holes
on 4 inch centers along length of pipe



Rock Size #'s 3,4,5,5.7 or 6 of ASTM D-448

GRAVITY FED SYSTEM

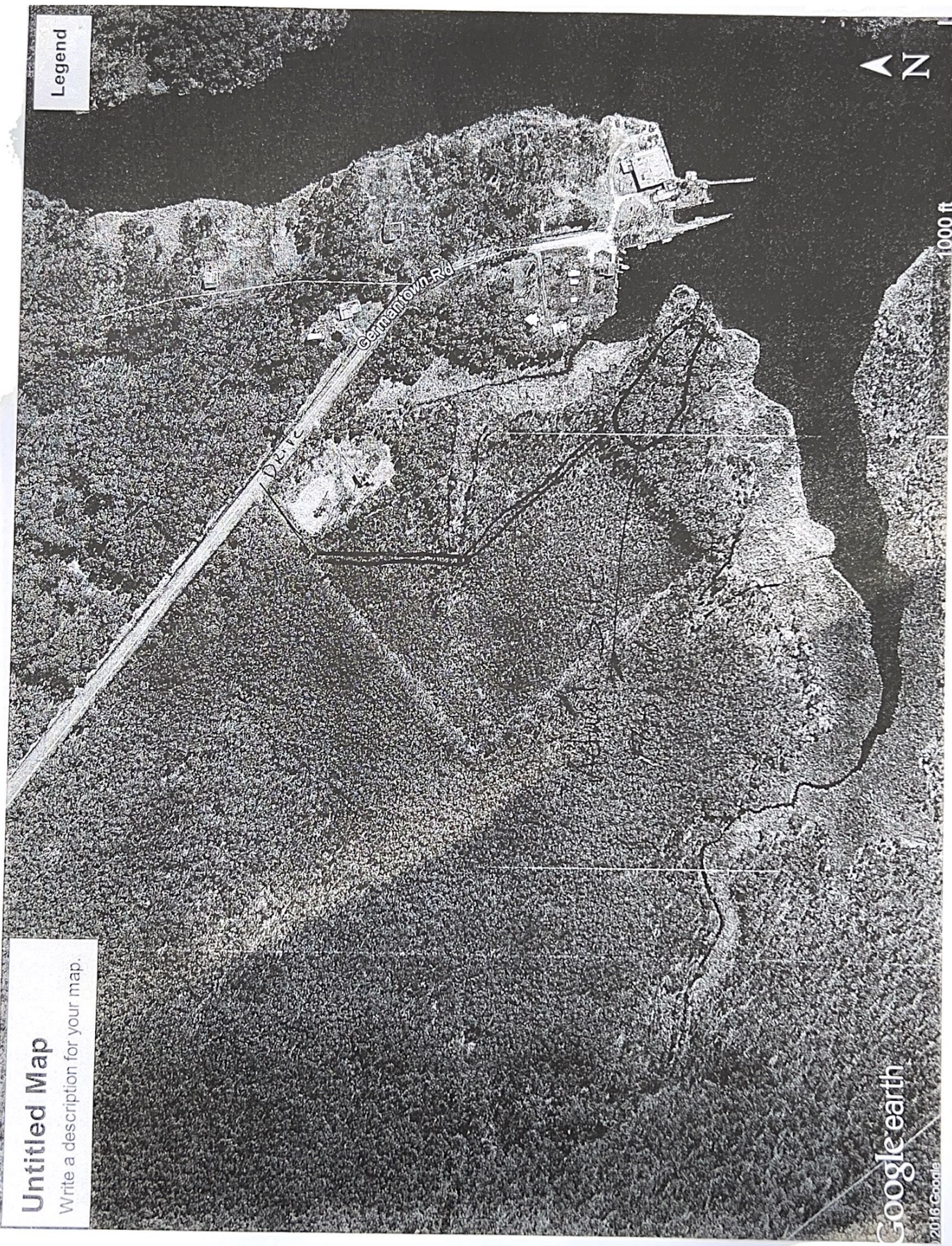
(Not to Scale)



Untitled Map

Write a description for your map.

Legend



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