



PENDER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION
803 Walker Street, P.O. Box 1209
Burgaw, NC 28425
Phone 910-259-1233 FAX 910-259-1404
www.pendercountync.gov

WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION

Parcel PIN: 4224-13-3917
Application Date:

Permit #: EHCA-2709-2024
Associated IP #: EHIP-2549-2024

Applicant: Casey Williams
Address: Backfin Building

Owner: same
Address:

Phone:

Phone:

Property Address: Coveside Lane
Property Description: Pelican Sound Lot 24
Permit Type: Residential New

Lot Size (Acres):
Facility Type: Single Family Dwelling
Water Supply: Well

INITIAL SYSTEM

REPAIR SYSTEM

Design Flow: 480 GPD System Type: Conventional
No. of Bedrooms: 4 System Class: IIa
Septic Tank: 1000 GAL Nitrification: 3' x 66'
Pump Tank: N/A Max Trench Depth: 24"
Horiz Trench Separation: 9'

System Type: Conventional
System Class: IIa
Nitrification:
Max Trench Depth:
Horiz Trench Separation:

Conditions/Comments:

1 - NOT DESIGNED FOR GARBAGE DISPOSAL.

Install four lines at 66 feet each at a maximum of 24 inch trench bottoms

-INSTALL DRAIN LINES ON CONTOUR.

-IF GRAVITY FLOW CAN BE MAINTAINED A PUMP TANK WILL NOT BE REQUIRED.

-THE DRAINFIELD MUST BE SEEDED PRIOR TO SYSTEM APPROVAL.


REFER TO THE ATTACHED SITE PLAN SHOWING THE SYSTEM AND FACILITY LOCATIONS AND OTHER SYSTEM SPECIFICATIONS. THIS AUTHORIZATION SHALL BECOME INVALID AND MAY BE REVOKED IF THE INFORMATION SUBMITTED ON THE APPLICATION OR SITE PLAN IS INCORRECT, FALSIFIED, OR CHANGES OR IF THE SITE IS ALTERED OR IF THE SYSTEM INSTALLATION IS NOT COMPLETED BEFORE THE EXPIRATION DATE. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH:

-NORTH CAROLINA ADMINISTRATIVE CODE TITLE 15A .1900.

-APPLICABLE SYSTEM APPROVALS.

-PENDER COUNTY HEALTH DEPARTMENT POLICIES.

ISSUED: 07 Feb 24


Registered Environmental Health Specialist

EXPIRES: 31 Jan 29

Typical Setbacks Required By State Rules Unless Otherwise Specified In Writing:

1. Any private water supply sources, including any well or spring	100 feet
2. Any public water supply source	100 feet
3. Streams classified as WS-I	100 feet
4. Any other stream, canal, marsh, or other surface water	50 feet
5. Any Class I or Class II reservoir	100 feet from normal pool elevation
6. Any permanent storm water retention pond	50 feet from flood pool elevation
7. Any other lake or pond	50 feet from normal pool elevation
8. Any building foundation or building footing	5 feet
9. Any property line	10 feet
10. Top of slope of embankments or cuts of 2 feet or more	15 feet
11. Any water line	10 feet
12. Drainage systems:	
A) Interceptor drains, foundation drains, and storm water diversions	
I) upslope from system	10 feet
II) sideslope from system	15 feet
III) downslope from system	25 feet
B) groundwater lowering ditches and devices	25 feet
13. Any swimming pool	15 feet
14. Any other nitrification field (except repair area)	20 feet
15. Drip line (outermost edge of a structure)	5 feet

Any changes to the proposed plans must be approved by the PCHD

*

Please do not allow any traffic, construction, excavation, utilities, material storage, or any other disturbance to take place on the designated septic areas. These activities may void your permit.

*

The Owner is responsible for marking any property lines, corners, proposed house site, outbuildings, decks and driveways. The Contractor is responsible for ensuring that the well or septic system is installed in the proper location and that all setbacks and conditions on the permit are met.

*

The system must be installed/repaired by a Registered Septic System Contractor

*

For systems with a pump, the Registered Septic Contractor is responsible for insuring the proper installation of the electrical components. An electrical permit must be obtained and a person with a valid North Carolina SP-PH Electrical license must provide electrical service to the pump controller and alarm.

*

It is the responsibility of the Registered Septic Contractor to call the PCHD to schedule the installation inspections.

*

The Registered Septic Contractor is responsible for backfilling the system components so that no areas are subject to the retention or ponding of surface water.

*

After the installation is completed, some settling of the backfill material may take place. The system Owner is responsible for eliminating settled or sunken area, stabilization, and final landscaping of the ground surface.

*

When the Construction Authorization is issued for a Conventional or Accepted System, the Owner may choose to substitute any Accepted System for the permitted system, provided there are no changes necessary in the specific line locations, depths, or distribution system. When a substitution is made, verification that the Owner made the system choice will be required prior to issuance of the Operation Permit

*

It is the responsibility of the Owner to ensure proper maintenance.



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WELL PERMIT

Parcel PIN: 4224-13-3917
Application Date:

Permit #: EHWP-1195-2024

Applicant: Casey Williams
Address: Backfin Building

Owner: same
Address:

Phone:

Phone:

Property Desc: Pelican Sound Lot 24
Property Address: Covese Lane
Permit Type: New

Lot Size:
Facility Type: Dwelling
Water Supply: Private

WELL SETBACKS (Unless Specified): Utilize the North Carolina 2C Well Rules and Laws.

25 ft. from foundations & decks

50 ft. from water bodies

50 ft. from septic system (s)

50 ft. sanitary sewer

50ft. from all other sources of pollution

No change in location or specifications without prior Environmental Health approval

Well Permit Issued By:

Vance Ruff
See Site Plan for Approved Well Location

Date

Certificate of Completion

Installer

Date

Registered Environmental Health Specialist

***Note: Building Inspection- Hold Electrical Final until Certificate of Completion is approved and signed by Environmental Health.

***Note: It is the responsibility of the well owner to provide access and power to the well in order for the Department to take water samples. This Department recommends that the water is not used until a negative sample is obtained.

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SIGNATURE [Signature] DATED 07 Feb 24

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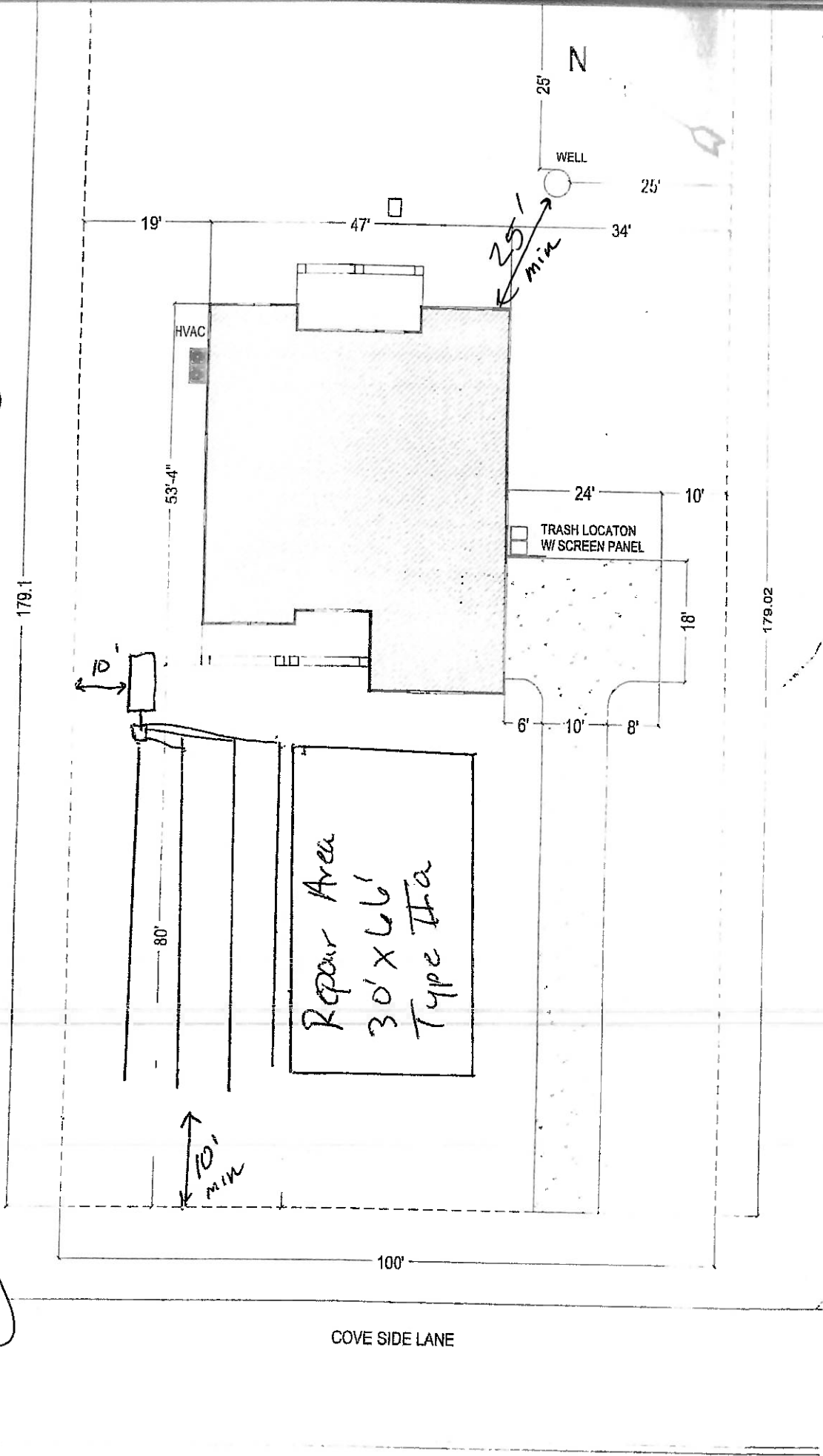
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SIGNATURE [Signature] DATE 31 Jan 24



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