



**Repair System**

Usuable Soil Depth: 22

Design Flow: 480

Soil Application Rate: 0.500

\*System Classification/Description:  
TYPE V A. SAND FILTER PRETREATMENT  
*TS-I w/ DRIP*

\*Proposed System: OTHER

Nitrification Field 960 Sq. ft.

No. Drain Lines

Total Trench Length: \_\_\_\_\_ ft.

Trench Spacing: --

Trench Width: --

Aggregate Depth: 2 Inches

Minimum Trench Depth: 2 Inches

Minimum Soil Cover: 6 Inches

Maximum Trench Depth \_\_\_\_\_ Inches

Maximum Soil Cover: \_\_\_\_\_ Inches

\*Distribution Type: DRIP

Pump Required:  Yes  No  May Be Required

Pre-Treatment:  NSF  TS-I  TS-II

- Inches O.C.
- Feet O.C.
- Inches
- Feet

**\*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.

Pre-construction Conference Required.

Low Profile media required. No reduction in linear footage allowed.

Maintain a minimum 50ft from all wells and 5ft from any building foundation.

Do not install in wet conditions.

This Authorization for Wastewater System Construction shall be valid for a period equal to the period of validity of the Improvement Permit and may be issued at the same time the Improvement Permit issued (NCGS 130A-336(b)). If the installation has not been completed during the period of validity of the Construction Permit, the information submitted in the application for a permit or Construction Authorization is found to have been incorrect, falsified or changed, or the site is altered, the permit or Construction Authorization shall become invalid, and may be suspended or revoked (.0204(k)(1)). 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 (per rule .0301((a)).

Applicant/Legal Resps. Signature Required?  Yes  No

Applicant/Legal Reps. Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*Issued By: Harris, Julie Date of Issue: 04/10/2026

Authorized State Agent: *Julie Harris* Malfunction Log  Yes

Hand Drawing  Import Drawing

Total Time:(HH:MM)

**\*\*Site Plan/Drawing attached.\*\***

Applicant: Chelsea Humphrey

Address: 301 Mayflower Dr

City: Newport

Property Owner: Chelsea Humphrey

Address: 301 Mayflower Dr

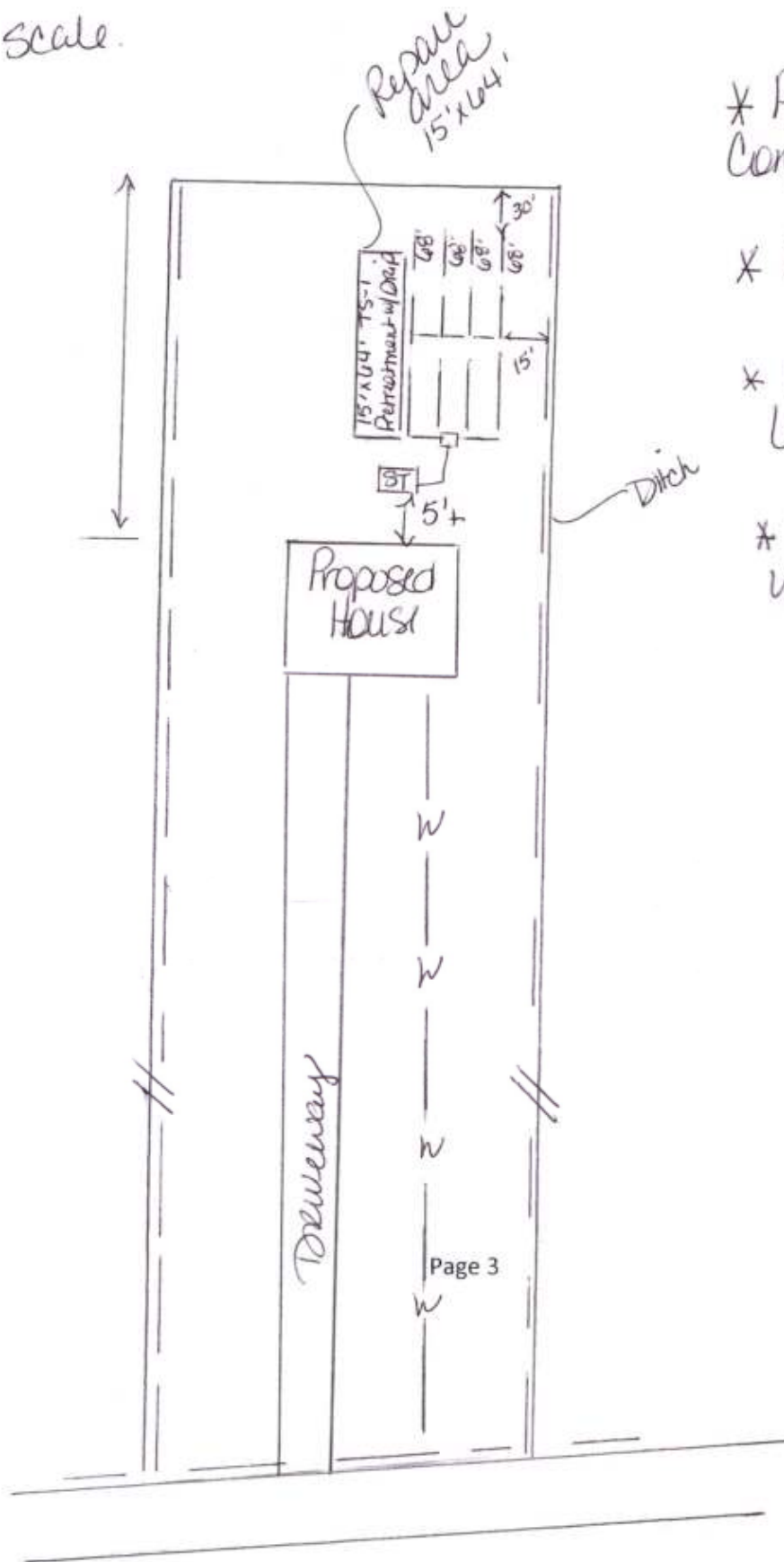
City: Newport



Carteret County Health Department  
Environmental Health Division  
3820 Bridges St. Suite A  
Morehead City, NC 28557

CDP File Number: 334254-2  
County File Number: 638801195957000  
Address: 303 Mayflower Drive, Newport  
Chadwick Shores Plantation Lot 49

\* Not to scale.



\* Pre-construction Conference Required

\* Low Profile media Required.

\* No Reduction in Linear footage allowed.

\* Do not install in wet conditions.



# IMPROVEMENT PERMIT

Carteret County Health Department  
 Environmental Health Division  
 3820 Bridges St. Suite A  
 Morehead City, NC 28557  
 Phone: 252-728-8499 Fax: 252-222-7753

*A*

For Office Use Only

\*CDP File Number: 334254 - 2  
 County ID Number: 638801195957000  
 Evaluated For: NEW

PERMIT VALID UNTIL: 04/10/2031

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

Applicant: Chelsea Humphrey  
 Address: 301 Mayflower Dr  
 City: Newport  
 State/Zip: NC 28570  
 Phone #: wrk: (252) 726-2121 cell :(252) 808-5259

Property Owner: Chelsea Humphrey  
 Address: 301 Mayflower Dr  
 City: Newport  
 State/Zip: NC. 28570  
 Phone #: wrk: (252) 726-2121 cell :(252) 808-5259

### Property Location & Site Information

Address: 303 MAYFLOWER DR NEWPORT, NC 28570      Subdivision: CHADWICK SHORES      Block/Phase: NEW      Lot: 49

**Directions**

Road#: \_\_\_\_\_  
 Structure: SINGLE FAMILY  
 # of Bedrooms: 4  
 # of People: 8  
 \*Water Supply: COMMUNITY

### System Specifications

**Initial System**

Usable Soil Depth: 22      Minimum Trench Depth: 8 Inches  
 Saprolite System?: No      Maximum Trench Depth: 8 Inches  
 Design Flow: 480      Septic Tank: 1000 Gallons  
 Soil Application Rate: 0.6000  
 \*System Classification/Description:  
 Type IIIg - Other Non-Conventional Systems  
 1-Piece:  Yes  No  
 Pump Required:  Yes  No  May Be Required  
 \*Proposed System:  
 LOW PROFILE      Pump Tank: \_\_\_\_\_ Gallons  
no reductions allowed      1-Piece  Yes  No

Repair System Required:  Yes  No  No, but has Available Space

**Repair System**

Usable Soil Depth: 22      Minimum Trench Depth: 2 Inches  
 Soil Application Rate: 0.500      Maximum Trench Depth: 2 Inches  
 \*System Classification/Description:  
 Type Va - Advanced Pretreatment Me.  
TS-1 w/drip  
 \*Proposed System:  
 OTHER

Pump Required:  Yes  No  May Be Required

**\*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.

- Pre-construction Conference Required.
- Low Profile media required. No reduction in linear footage allowed.
- Maintain a minimum 50ft from all wells and 5ft from any building foundation.
- Do not install in wet conditions.

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 (per rule .0301((a)).

Applicant/Legal Resps. Signature Required ?  Yes  No

Applicant/Legal Reprs. Signature: \_\_\_\_\_

Date: \_\_\_\_\_

\*Issued By: Harris, Julie

Date of Issue: 04/10/2026

Authorized State Agent: *Julie Harris Bentz*

Valid without Expiration ?

Hand Drawing

Import Drawing

**\*\*Site Plan/Drawing attached.\*\***