



Brunswick County Environmental Health Services  
Onsite Wastewater

BCHS File Number: 2024080292

Tax Parcel: 201LA012

New     Revision     Repair

Owner's Name: BENONI LANDS LLC

Property Address: 1017 BACKFIN PL SE 28422

Subdivision: CREEKSIDE ESTATES    Lot: 57    Block:    Section: 14

Water Supply:  Public Water or  Private Water    Project Type:  Residential or  Commercial    Design Flow (GPD): 360

**Improvement Permit**

In accordance with the provisions of North Carolina General Statutes 130A 333-345, 15A NCAC 18A.1900, or 15A NCAC 18E, and other Laws and Rules, as applicable.

Required Effluent Standard:  DSE     HSE     NSF/ANSI 40     TS-1     TS-II     RCW

Site Recorded:  Prior to July 1, 1977     Prior to January 1, 1983     Prior to December 31, 1989

**The following conditions must be met prior to the issuance of the Authorization to Construct Permit:**

- See the Improvement Permit Site Plan for the septic system location and design criteria.
- Maintain 10 feet minimum to any water line. If applicable, requirements of 15A NCAC 18E.0601(e) may be met.
- Do not drive, park, pave, or build any structure over the initial septic system area or repair septic system area.
- Maintain 5 feet to any structure.
- Maintain gravity flow to the septic system.
- Maintain the following setback to any well:  50 feet    or     100 feet
- Fill shall be installed in accordance with Brunswick County Environmental Health Services (BCHS) Fill Plan.
- 25% reduction taken. Installer shall utilize an approved trench product that allows a 25% reduction in linear feet.
- Each drainline shall be installed on contour due to landscape position.
- Well(s) shall be properly abandoned (Well Abandonment Permit Required).
- This site is required to connect to a public or community sewage system within 90 days after such system is available for connection and after it is determined that 300 feet or less of sewer line is required for connection.
- Plans shall be submitted to BCHS and approved prior to the issuance of the Authorization to Construct Permit.
- Pump Plans shall be designed by a registered Professional Engineer.
- A pre-installation conference is to be held on the site prior to any site modifications to the property. The following representatives shall be present at the pre-construction conference:  
 Wastewater Installer     Owner     Applicant     Engineer     Other: \_\_\_\_\_
- Low flow technology: Neither the State nor local health department shall be liable for any damages caused by an engineered system approved or permitted pursuant to Session Law 2014-120 Section 53.
- Drainage shall be required. Drainage Type: \_\_\_\_\_
- Other: \_\_\_\_\_
- Other: \_\_\_\_\_

- Changes in the location, design flow, or wastewater strength of the wastewater system may result in permit action.
- The issuance of all BCHS permits do not preclude the permittee from complying with any and all statutes, regulations, and ordinances which may be imposed by other government agencies which have jurisdiction, or other permits issued by BCHS.
- BCHS permits may become invalid if the information submitted in the application was falsified, changed, and/or inaccurate.

Improvement Permit Issuance Date: 10/30/24    Improvement Permit Expiration Date: 10/30/29

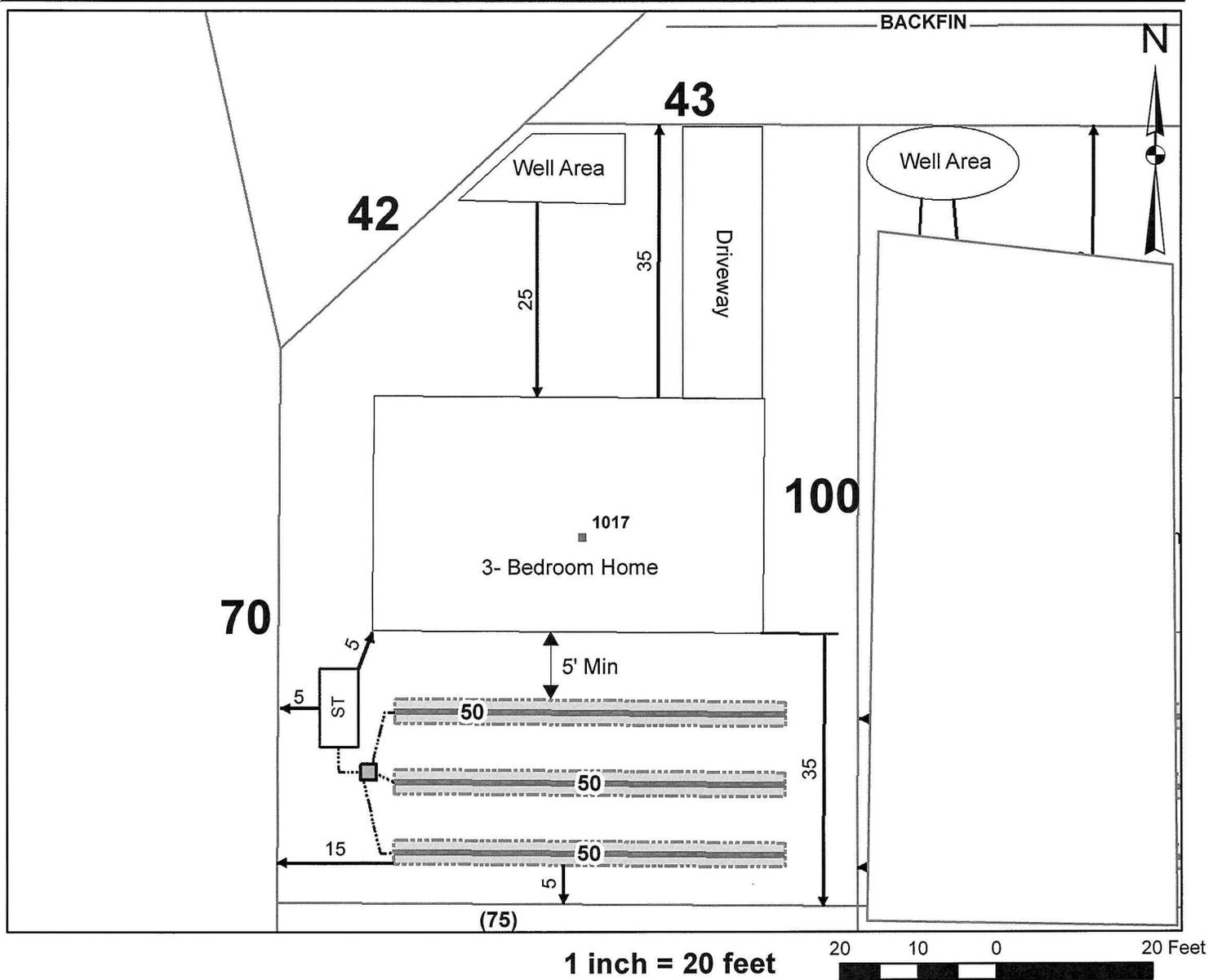
REHS Signature: Chen Smith    REHS Registration Number: 3181

\*See Improvement Permit Site Plan and Conditions for Septic System Location and Further Detail\*



- Improvement Permit
- Existing System Approval
- Fill Plan
- Well Permit
- Proposal
- Well Abandonment Permit
- Authorization to Construct Permit
- Other: \_\_\_\_\_

**\*SITE PLAN ONLY. THIS IS NOT A PERMIT\***



Onsite Wastewater System Design Criteria

Type of Initial Wastewater System: <u>2-A</u>	Number of Occupants/Employees (Max): <u>6</u>
Number of Bedrooms (Max.): <u>3</u>	LTAR of Initial Wastewater System (gpd/ft <sup>2</sup> ): <u>0.8</u>
Design Flow (GPD): <u>360</u>	Length of Lines (Feet): <u>50</u>
Number of Lines: <u>3</u>	Width of Lines (Feet): <u>3</u>
Trench Bottom Depth From Top of Final Cover (Max. Inches): <u>24</u>	Drainfield Square Feet: <u>450</u>
Min. Size of Septic Tank (Gal.): <u>1000</u> at deepest point	Bed Dimensions (Feet x Feet): _____
Min. Size of Pump Tank (Gal.): _____	Type of Repair System: <u>Exempt</u>
Min. Size of Grease Trap (Gal.): _____	Repair System Trench Bottom Depth (Max. Inches): _____
Other Information: _____	LTAR of Repair System (gpd/ft <sup>2</sup> ): _____

*Chris Smith*

10/30/24