**PENDER COUNTY HEALTH DEPARTMENT**

ENVIRONMENTAL HEALTH DIVISION
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**North Carolina Public Health**
Everywhere. Everyday. Everybody.

# IMPROVEMENT PERMIT

Parcel PIN: **4214-98-6779-0000**
Application Date: **10/10/2021**

Permit #: **EHIP-01389-2021**

Applicant: **Eric & Jennifer Geake**
Address: **21 Stephen Road**
**Bourne, MA 02532**

Phone: **(508) 292-7500**

Owner: **Charles & Brenda Davis**
Address: **3762 N. Olde Carriage Road**
**Rocky Mount, NC 27804**

Phone:

Property Desc.: **Pelican Reef Lot 35 Sec. 1**
Property Address: **Lot 35 E. High Bluff**
Permit Type: **Residential New**

Lot Size (Acres): **0.6**
Facility Type: **Single Family Dwelling**
Water Supply: **Public**

| | **INTIAL SYSTEM** | **REPAIR SYSTEM** |
|---|---|---|
| Design Flow: **480 GPD** | System Type: **Pump To Panel Block** | System Type: **Aerobic Drip (TS1)** |
| No. of Bedrooms: **4** | System Class: **IIIbg** | System Class: **V** |
| Site Classification: **PS** | Useable Soil Depth: **36"** | Useable Soil Depth: **36"** |
| | LTAR: **0.7** | LTAR: **1.0** |

**Conditions:**

-INSTALL DRAIN LINES ON CONTOUR

-WHEN GRAVITY FLOW CANNOT BE MAINTAINED A PUMP TANK AND PRESSURE MANIFOLD IS REQUIRED.

-NO VEHICLE TRAFFIC OR DISTURBANCE WITHIN THE DESIGNATED DRAIN FIELD AREAS.

-A 6" CAP IS REQUIRED OVER DRAINFIELD, CAP MUST EXTEND 5' BEYOND DRAINFIELD.

*Refer to the attached site plan for specific information regarding location of the designated area. Soil and site descriptions are located on file at Pender County Environmental Health. There may be other types of systems which are applicable to this site. The permit and evaluation are valid only for the site as designated on the attached site plan. A Construction Authorization must be issued prior to the issuance of the Building Permit and before any construction or system installation can commence. This permit is subject to revocation if the site plan, plat, or intended use changes or if the site is altered. Do not drive on or otherwise disturb the designated soil area or this permit may be revoked.*

**ISSUED:** 10/1/2021

Michael Harris

Registered Environmental Health Specialist

**EXPIRES:** 10/1/2026

## Lot 35 Pelican Reef Section 1
## E High Bluff Dr
## Hampstead, NC

All measurments in ft, scale 1:40

10' setback

10.00

14.687

485.27

(59.135)

57.00

Proposed 4 bdrm house

71.00

45.502

4.00

24.00

130.590

Well

Ø6.00

E High Bluff Dr

R375.00

20'
Anaerobic Drip Repair
24'

Initial 38'
8' o.c. 38'
8' o.c. 38'

Shed

30.00

15.00

17'

45.00

22.943

2.00

22.415

240.38

145'

well

25'

3.00

55'

8'
5'
PT
ST

24.00

Driveway