

Environmental Health PENDER COUNTY, North Carolina

P. O. Box 1209
Burgaw, NC 28425

Environmental Health
910-259-1233



SEPTIC SYSTEM / IMPROVEMENT PERMIT

Page # 1

CONSTRUCTION AUTHORIZATION / OPERATION PERMIT

<u>Zoning Determination</u>	<u>Improvement Authorization</u>	Permit# : 102010	Fee : 500.00
ME 12/02/10	CC 2/18/11	Issued Date : 12022010	Code Violation:
<u>Construction Authorization</u>	<u>Operation Authorization</u>	EH - File # : 103533	GEO PIN # : 42149942980000
CC 2/18/11	0/00/00	EHS ASSIGNED CC	

Permitted Use

residential

Description of Work

build 70 x 68 SFR with porches/garage 26'high

Applicant: SAL MIGLIARA
MIDDLE POINT RD 108
HAMPSTEAD NC

Work Phone: 233-7900
Home Phone:
Fax :

Relationship of Applicant to Owner :

CONTRACTOR

Owner : BRONSON KEITH R ET AL
EAST HIGH BLUFF DRIVE 122
HAMPSTEAD NC

Work Phone:
Home Phone:
Fax :

SITE ADDRESS : E HIGH BLUFF DR

Subdivision : PELICAN REEF

Section/Block : Lot: 30

Township : TOPSAIL

Deed Book/Page:
Plat Bk. & Page #:

WATER SUPPLY N/A SEWER SERVICE Private Septic

Directions to Site:

Lot 30 Pelican Reef - on E. High Bluff Dr behind townhouses

Requirements

- LOT SIZE - .5
- EXISTING WELLS, SPRINGS, OR EXISTING WATER LINES ON PROPERTY - Y
- ANY JURISDICTIONAL WETLANDS - N
- IS THE SITE SUBJECT TO APPROVAL BY ANY OTHER PUBLIC AGENCY - N
- STRUCTURE/CONSTRUCTION TYPE - HOUSE
- NUMBER OF BEDROOMS - 3
- NUMBER OF OCCUPANTS - 6
- SYSTEM TYPE - III-G
- LTAR (GPD/FT) - .5
- DAILY DESIGN FLOW (GPD) - 360
- WASTEWATER TYPE - DOMESTIC
- SEPTIC TANK SIZE (GALLONS) - 900-1,000
- NITRIFICATION FIELD (SQ. FT) - 720
- NUMBER OF LINES - 4
- LENGTH OF LINES (FT) - 45 (INCLUDES 25% REDUCTION)
- TRENCH WIDTH (INCHES) - 36
- TRENCH DEPTH (INCHES) - 18
- TYPE OF WATER SUPPLY - WELL
- TYPE OF FACILITY THE PROPOSED SITE IS TO SERVE - 3 BR. DWELLING
- DISTANCE FROM ALL WELLS (FT) *NO CASE LESS THAN 50 FT. - 100

See layout or attached plot plan.

No change in septic system or its location without prior approval from the Pender County Health Department.
This Permit is subject to revocation if the site plan, plat or intended use of their site change (G.S. 130A-335 (f)).

MINIMUM HORIZONTAL SEPARATION OF SEPTIC SYSTEM (see Section 1950 NCAC).

Grinder Pump Installed

2' supply → 10' x 4" pipe into tank

5-21-11 to APB-1020

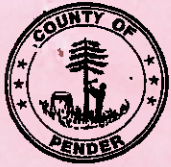
STB 1/20

prevent solids into tank

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<u>Construction Authorization</u>	<u>Operation Authorization</u>	Issued By : AB31	GEO PIN # : 42149942980000
CC 2/18/11	0/00/00	EH - File # : 103533	
		EHS ASSIGNED CC	

5 Year Improvement Permit : Clay Council Issue Date : 02/18/11
 Improvement Permit, No Expiration Date : _____ Issue Date : _____

Conditions

If gravity flow cannot be maintained a pump system will be required. Repair area is a subsurface drip system w/ pre-treatment.

Notes

- +++REVISION DATE: 2/10/11 - Moved house back - will need Envir. Health approval before final zoning
- before final zoning:
 - need CA - septic permit
 - Existing well on property
- before sheathing
 - need foundation survey by surveyor
- before framing
 - all trades final
- before final building insp
 - all reinsp fees paid
 - all trades final
 - all conditions on zoning satisfied\
 - Operational Permit for septic

note in file that Sal Migliara can pull permit
NOT IN FLOOD

Construction Authorization : Clay Council Issue Date : 2/18/11

VALID FOR 5 YEARS FROM THE DATE OF ISSUANCE OF IMPROVEMENT PERMIT.

Operation Permit : Clay Council Issue Date : 0/00/00
 Installer : Sid Burg 09/17/11

OPERATION PERMIT IS VALID FOR 12 MONTHS ONLY FROM DATE OF ISSUANCE AND ONLY ONE GENERAL CONSTRUCTION BUILDING PERMIT MAY BE ISSUED UNDER THIS PERMIT.

THIS PERMIT DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE AND SATISFACTORY PERFORMANCE IS NOT ASSURED BY THE PENDER COUNTY HELATH DEPARTMENT.

THE SITE IS SUBJECT TO APPROVAL BY OTHER PUBLIC AGENCIES. .1973 (b) (1) (c)
PCHD/EH-3 Rev. 2-98

4314-99-4278-0

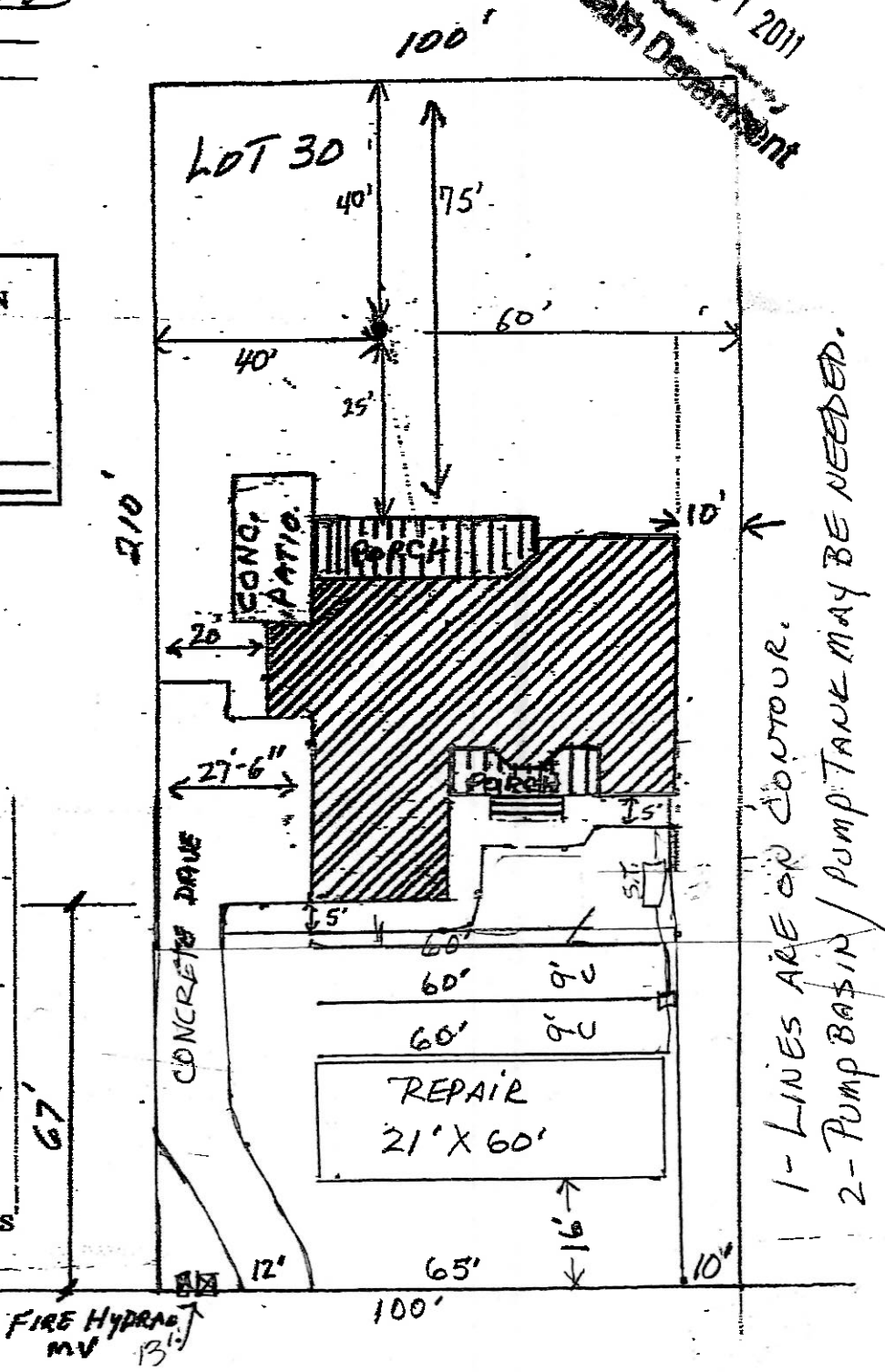
Site Plan prepared by: St. Mylon
Approved by: Sheld Sheer
Date: 2-10-11
Permit #: 103510 -
Morison

JUL 07 2011
Health Department

PENDER COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH SECTION
P.O. BOX 1209
BURGAW, NC 28425
PERMIT # 103533
PAGE 3 OF 4
SIGNATURE [Signature] DATE 02

SYSTEM DESIGN

OF BEDROOMS: 3
SYSTEM TYPE: TIL-G
% REDUCTION: 25%
LTAR: .5
SQ. FT. 720 LINEAR FEET 180
OF LINES: 4 3 ^{includes Reduc.}
LENGTH EACH LINE: 45 60'
TRENCH BOTTOM: 18"
TRENCH WIDTH: 3' FEET W/ LINES
9' FEET ON CENTER



PCHD 103533
Pelican Reef
#30

120 EAST HIGH BLUFF DR.
SCALE = 1/30



Infiltrator Systems Inc.
FIVE YEAR LIMITED WARRANTY
NORTH CAROLINA
STANDARD WARRANTY

Infiltrator Systems Inc. ("Infiltrator") hereby extends the following FIVE (5) YEAR Limited Warranty to the original purchaser of a new EZflow drainfield system installed by an authorized EZflow installer. The EZflow drainfield system is warranted to be free from defects in material and workmanship under normal use, subject to the terms and conditions herein.

WARRANTY ELIGIBILITY:

The system owner is eligible for this Limited Warranty provided all of the terms and conditions of this Limited Warranty have been met. The terms of this Limited Warranty shall extend to the original purchaser/homeowner and to each subsequent owner of the home during the term of this Limited Warranty. This Limited Warranty covers only the performance of the EZflow drainfield system as manufactured and installed in accordance with the manufacturer's design specifications and applicable state rules and regulations.

OWNER'S OBLIGATIONS AND MAINTENANCE

1. The system owner must retain evidence that septic tank solids (digested sludge) have been properly removed once every thirty-six (36) months.
2. The system owner must not landscape over the EZflow drainfield system with trees or shrubbery nor erect any structures or place heavy items over the drainfield.
3. The system owner must retain this Limited Warranty signed by an authorized EZflow drainfield system installer and a properly issued Operation Permit.

WHAT IS WARRANTED AND FOR HOW LONG:

The EZflow prefabricated drainfield system is warranted for FIVE (5) YEARS from the date installation of the system is completed, to be free from defects in material or workmanship. During the warranty period, Infiltrator shall, at its option, repair or replace any defective system components at no charge for labor or materials. REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT IS THE EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY. Any replacement or repair parts are warranted for the remainder of the warranty period or ninety (90) days, whichever is longer. Under this Limited Warranty, Infiltrator will provide only for replacement and installation of defective EZflow drainfield system parts. Owner shall be responsible for any other costs, including but not limited to re-sodding and any permits required for installation.

WHAT IS NOT COVERED BY THIS LIMITED WARRANTY:

1. The septic tank, filters, effluent distribution box(es) or other system components.
2. Improper design or installation, including but not limited to repairs/replacements necessitated due to improper or inaccurate soils analysis, the use of incorrect application rates or inadequate sizing criteria.
3. Landscaping or re-sodding costs.
4. Repair work performed without Infiltrator authorization.
5. Damage caused by unauthorized or improper attachment, alterations or modifications, including but not limited to the use of geotextiles or plastic pipe.
6. Damage caused by flood, earthquake or other natural disaster.
7. Damage or failure due to improper maintenance or lack of proper maintenance.
8. Failure due to excessive water usage, improper grease disposal or other excessive or improper use.
9. Failure caused by placing structures or plant material over the drainfield or by stresses or vehicular traffic greater than that prescribed in the installation or operation instructions.

CONDITIONS OF LIMITED WARRANTY:

1. The design and installation of the EZflow drainfield system is performed according to the rules and regulations of the North Carolina Department of Environment and Natural Resources and the Commission for Health Services.
2. The EZflow drainfield system is subject to use permitted by applicable state or local rules and regulations for on-site wastewater systems.
3. Installation of the EZflow drainfield system is performed only by an authorized EZflow installer.

NOTICE OF WARRANTY CLAIM:

To obtain warranty service under this Limited Warranty, the system owner must notify Infiltrator within ninety (90) days after discovery of any defect and obtain an authorization number for investigation, repair, or replacement service. Notice should be sent to: Infiltrator Systems Inc., 6 Business Park Road, Old Saybrook, CT 06475, Toll Free Phone: 1-800-689-7759. Infiltrator will not pay for any costs, repairs, or replacements for which prior authorization has not been obtained.

DISCLAIMER OF AND LIMITATION ON WARRANTIES:

OTHER THAN THE EXCLUSIVE WARRANTY SPECIFICALLY SET FORTH HEREIN, NO OTHER EXPRESS OR IMPLIED WARRANTIES HAVE BEEN MADE OR WILL BE MADE BY OR ON BEHALF OF RING. INFILTRATOR HEREBY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND DO NOT INCLUDE INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, LOSS OF USE, INCONVENIENCE, OR LOSS OR DAMAGE TO PERSONAL PROPERTY, WHETHER DIRECT OR INDIRECT, WHETHER ARISING IN CONTRACT OR IN TORT.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. FEDERAL OR STATE LAW MAY GIVE YOU CERTAIN OTHER RIGHTS THAT ARE NOT CONTAINED HEREIN.

Print Purchaser/Homeowner Name	Homeowner's Address
	122 E. High Bluff
Signature	Hampstead, NC 28443

INSTALLER CERTIFICATION

"I certify that the EZflow drainfield system has been installed properly and in accordance with the Infiltrator installation procedures, applicable North Carolina wastewater laws and regulations and all health department permits."

Installer Business Name	By:
AL Seabury Const.	AL Seabury
	Title:
	owner
	Date:
	9-13-11

This warranty is provided in triplicate. One copy shall go to Infiltrator Systems Inc., one to the local health department, and one to the system owner.

PERMIT # 103533

February 2011