



# CARTERET COUNTY HEALTH DEPARTMENT

Environmental Health Division  
3820 Bridges Street, Suite A, Morehead City NC 28557

## TYPE II OPERATION PERMIT

OP#: 5158

OP ISSUANCE DATE: 11/20/2012

IMPROVEMENT PERMIT #:

OWNER: P T HONG HOOGENDORN

APPLICANT: BOGUE SOUND SEPTIC &  
GRADING, INC

ADDRESS: P.O. BOX 2734  
OLYMPIA WA, 98507

ADDRESS: 325 BARRINGTON RIDGE  
NEWPORT NC, 28570

PHONE #:

PHONE #: (252) 393-6426

PARCEL ID: 538519503622000

PROPERTY LOCATION: 442 STAR HIL DR, CAPE CARTERET, NC 28584 Subdivision STAR HILL  
GOLF, Phase 2, Section E, Lot 5

DESIGN FLOW: 480 gpd  
WATER SUPPLY: Municipal  
SYSTEM TYPE: *conventional*  
SYSTEM CLASSIFICATION: Type IIa

FACILITY TYPE: House  
*4 bedrooms*  
*5-8 occupants*

Septic tank: 1000 gal  
# lines: 3

Length of lines/bed: 45'

Width of lines/bed: 36"

Installer: Bogue Sound Septic & Grading Inc.

Date of Inspection: 11/19/2012

Drainline/Bed width

absorption area: 405 (sq.ft)

Trench Media: Polystyrene E2 Flow 1203H-GW

Inspected By: Amy Guthrie

Tri-party agreement recorded: \_\_\_\_\_

Easements recorded: \_\_\_\_\_

### Comments: Absolutely no parking or vehicular traffic over any part of the septic system.

\*It is the responsibility that all previous owners of this system assure the subsequent owners receive and abide by all requirements and conditions.

\*If any ownership changes occur, then it is required for the new owner/operator to come into the Carteret County Health Department and update the permit information.

Maintenance and cleaning records should be kept by the system owner and should be available for review by the Carteret County Health Department during inspections of the system. This shall include:

- a. Inspection of sludge and scum grease levels
- b. Hauler, date pumped, and disposal site
- c. Replacement of mechanical components
- d. Records of landscape maintenance and drainage
- e. All other pertinent maintenance

This Operation Permit shall be valid as long as the sanitary sewage system is in compliance with Article 11 of G.S. Chapter 130A Laws and Rules for Sewage Treatment and Disposal Systems (15 NCAC 18A.1900) of all conditions of this permit including the items specified below.

1. The sewage collection, treatment and disposal system shall be operated and maintained at all times to prevent public health hazards, to prevent seepage or discharge of sewage effluent to the surface of the ground or surface waters, and to prevent the direct discharge of effluent to the ground water.
2. In the event the system fails, a repair must be permitted and installed within 30 days.
3. This permit does not constitute a warranty and does not negate or supersede any zoning restriction or restricted covenants in the chain of title. It is the responsibility of the permittee to determine whether or not such restrictions apply.
4. This permit is transferable and is valid only with respect to the facilities described herein and the specified design flow. Prior to any expansions or revisions a revised permit shall be obtained from the Carteret County Health Department.
5. Septic tank sludge accumulation shall be evaluated every three (3) years and pumped when sludge level is found to be 12" or greater in depth.
6. Effluent filters should be checked annually for excessive clogging. Clean when necessary.
7. The septage generated from this system shall be disposed of in accordance with Article 9 on Chapter 130A 15A NCAC 13B et seq. and in a manner approved by the North Carolina Division of Solid Waste Management.
8. A suitable vegetative cover shall be maintained on the ground absorption field. Keep grass mowed, free of weeds and brush. Woody growth shall be eliminated by hand cutting and/or application of herbicides as often as necessary. Dead Trees shall be removed by cutting at or near the ground level. Stumps shall not be removed.
9. If a grease trap is installed, it shall be inspected a minimum of 2 to 4 weeks and pumped as needed, with records of maintenance and cleaning kept by the owner. The grease trap will be required to be pumped and cleaned more frequently during peak season or periods of high use.
10. No vehicular or equipment traffic, with the exception of lightweight mowing equipment, shall be allowed on the ground absorption field. No construction of buildings, parking, paving, or driveways shall be allowed over the system or repair area.
11. Provide positive surface drainage over drainfield area, seed with perennial grass to prevent erosion, and keep area mowed.
12. All ditches, swales, subsurface drainage, and outlets pertinent to the proper functioning of the septic system shall be maintained as required as long as the system is in use.
13. Garbage grinders are not recommended when a home is served by sub-surface sewage disposal. If a garbage grinder is used then it is recommended that the septic tank be pumped out annually to prevent excessive accumulation of sludge.
14. Discharge from water softeners shall not be allowed into the system.
15. The owner shall keep the plumbing system in the facility in good repair and eliminate leaks, drips, or excess flows as they are found. Use of ultra low fixtures and conservative water use practices is highly recommended.
16. Non-biodegradable products (plastics, metals, etc.) chemicals (disinfectants, drain cleaners, acids, alkalines, pesticides, petroleum products, etc) or grease shall not be discharged into the septic system.
17. All documents, including but not limited to design review plans and specifications, tri-party agreements, easements and other legal agreements will become a part of this permit. This includes operation and maintenance procedures and other pertinent documents relating to system operation and maintenance.
18. All other requirements of Section .1900 NCAC permit.
19. Drinking water wells should not be constructed without site location approval from the Carteret County Health Department.

\* If all conditions of this permit are not met, then this permit is void.





# CARTERET COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION  
3820 Bridges Street, Suite A, Morehead City NC 28557  
J.T. Garrett, Ed. D., M.P.H.

Improvement Permit 5158

Construction Authorization 5158

Expiration Date: 11/15/2017

OWNER: P T HONG HOOGENDORN

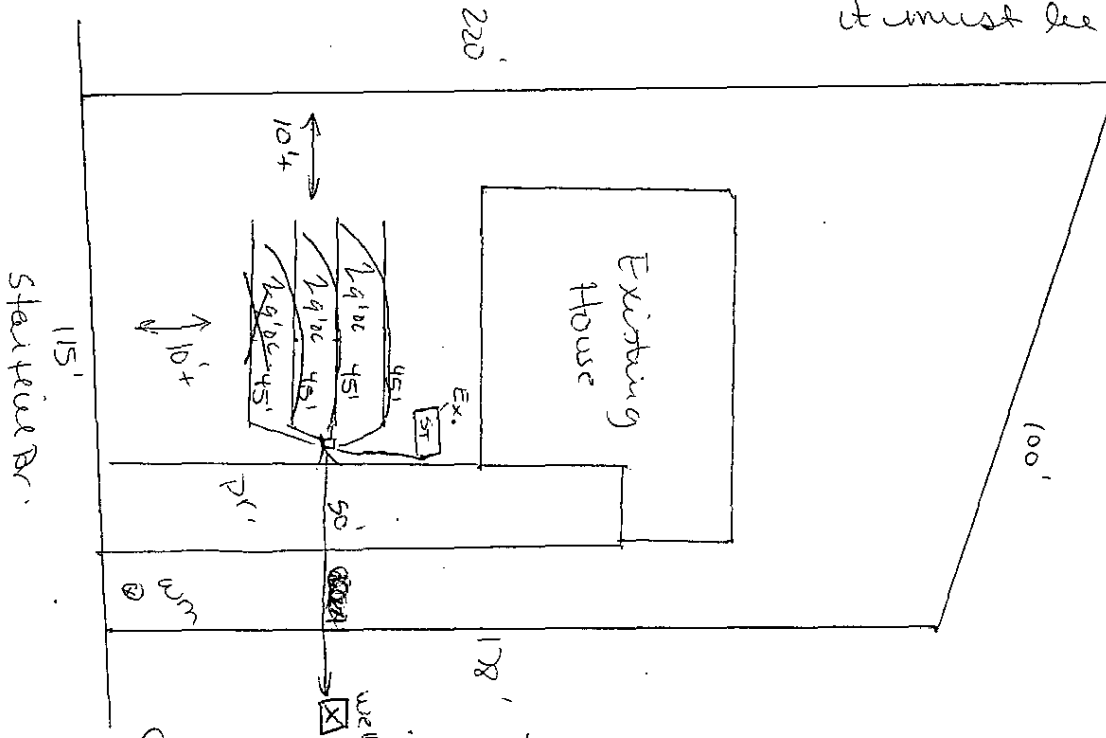
BOGUE SOUND  
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APPLICANT: GRADING, INC

PROPERTY LOCATION:  
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Phase 2, Section E, Lot 5  
PARCEL ID: 538519503622000

## SITE PLAN

May use existing septic tank if it is water tight and structurally sound.

*\* if any part of the driveway is over the septic tank, it must be removed.*



*Amberlin RETP*  
Environmental Health Specialist

11/15/14  
Date

*11/19/12 - 3-45'  
EZ PLOW (2034) - (602)  
n:-*