

# 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# : 062915	Fee : 200.00
ME 8/03/06	CC 9/14/07	Issued Date : 08032006	Code Violation:
<u>Construction Authorization</u>	<u>Operation Authorization</u>	Issued By : AB31	GEO PIN # : 32638692400000
CC 9/14/07	0/00/00	EH - File # : 101645	
		EHS ASSIGNED CC	

Permitted Use

residential

Description of Work

septic evaluation for 50x 60 SFR envelope

Applicant: DAVIS HOMER N ET AL  
 NC HWY 210 4325  
 ROCKY POINT NC  
Relationship of Applicant to Owner:

Work Phone: 270-4779  
 Home Phone:  
 Fax :

Owner : DAVIS HOMER N ET AL  
 NC HWY 210 4325  
 ROCKY POINT NC

Work Phone:  
 Home Phone:  
 Fax :

SITE ADDRESS : ~~925~~ HWY 210

Subdivision :  
 Section/Block : Lot: 3  
 Township : TOPSAIL

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

WATER SUPPLY : Private Well SEWER SERVICE Private Septic

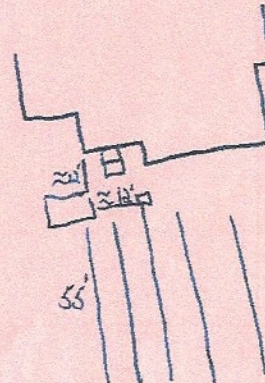
Directions to Site:

lot on left just pass Cross Creek on Hwy 210 going toward Burgaw

Requirements

- LOT SIZE - /
- EXISTING WELLS, SPRINGS, OR EXISTING WATER LINES ON PROPERTY - N
- ANY JURISDICTIONAL WETLANDS - N
- IS THE SITE SUBJECT TO APPROVAL BY ANY OTHER PUBLIC AGENCY - N
- STRUCTURE/CONSTRUCTION TYPE - HOUSE
- NUMBER OF BEDROOMS - 4
- NUMBER OF OCCUPANTS - 8
- BASEMENT - /
- GRINDER PUMP FOR LOWER LEVEL PLUMBING - /
- SYSTEM TYPE - II-A
- LTAR (GPD/FT) - .6
- DAILY DESIGN FLOW (GPD) - 480
- WASTEWATER TYPE - DOMESTIC
- SEPTIC TANK SIZE (GALLONS) - 1000
- NITRIFICATION FIELD (SQ. FT) - 800
- NUMBER OF LINES - 5
- LENGTH OF LINES (FT) - 53
- TRENCH WIDTH (INCHES) - 36
- TRENCH DEPTH (INCHES) - 18
- TYPE OF WATER SUPPLY - PUBLIC
- TYPE OF FACILITY THE PROPOSED SITE IS TO SERVE - 4 BR. DWELLING
- DISTANCE FROM ALL WELLS (FT) \*NO CASE LESS THAN 50 FT. - 100

115108  
 BT 1000  
 STB-103



# Environmental Health PENDER COUNTY, North Carolina

P. O. Box 1209  
Burgaw, NC 28425

Environmental Health  
910-259-1233



## SEPTIC SYSTEM / IMPROVEMENT PERMIT

Page # 2

## CONSTRUCTION AUTHORIZATION / OPERATION PERMIT

<u>Zoning Determination</u>	<u>Improvement Authorization</u>	Permit# : 062915	Fee : 200.00
ME 8/03/06	CC 9/14/07	Issued Date : 08032006	Code Violation:
<u>Construction Authorization</u>	<u>Operation Authorization</u>	Issued By : AB31	GEO PIN # : 32638692400000
CC 9/14/07	0/00/00	EH - File # : 101645	
		EHS ASSIGNED CC	

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 ).

5 Year Improvement Permit : CC 9/14/07 Issue Date : 9-14-07  
 Improvement Permit, No Expiration Date : \_\_\_\_\_ Issue Date : \_\_\_\_\_

#### Conditions

If gravity flow cannot be maintained, a pump system will be required.

#### Notes

OTHER porch tie downs front and back  
 NOTE: TWO FUEL PIPING CONTRACTOR - AMERIGAS DOING OUTSIDE PIPING - MOVED TANK  
 C O R R E C T I O N: AMERIGAS NOT DOING WORK ON THIS ADDRESS - ATTACHED BY MISTAKE  
 GAS PIPING FINAL-customer gave wrong permit #, cancelled  
 plat to be recorded before final zoning  
 septic evaluation at this time - need house information at final zoning  
 Kampschroeder Construction, Inc. has permission to begin the permitting process in regards to lot #3  
 of the Homer Davis Property. They will not begin construction of any kind on this lot until it has  
 been purchased by them. They are currently in the process of financial arrangements and attorney  
 scheduling.  
 LOT HAS COUNTY WATER  
 HEIGHT OF HOUSE 25 FEET  
 PROPERTY TO BE IN KAMPSCHROEDER CONS., INC. NAME BEFORE FINAL ZONING  
 S I T E P L A N C H A N G E  
 Plat Book 43/60 in Kampschroeder Cons.Inc. name Deed Book 3324 Page 013  
 plans ok GM  
 subs have workman comp  
 NOTE REVISION FOR 4 BEDROOMS OK CC SEE PAPERS IN FILE  
 FOUNDATION 10/25/07 Mike H GC not ready.  
 >>>>received foundation survey 12/3/07>>>>  
 GAS PIPING RI  
 ROUGH-IN, PLUM leak on building drain, seal under upstairs shower and un-used hole, washer vent?,  
 pipes not in wall?, need letter on cut I joist  
 PLU - ROUGHIN 12-20-07 no water in dwv

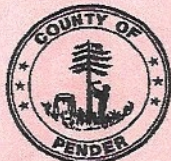
Construction Authorization : CC 9/14/07 Issue Date : 9/14/07

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

# Environmental Health PENDER COUNTY, North Carolina

P. O. Box 1209  
Burgaw, NC 28425

Environmental Health  
910-259-1233



## SEPTIC SYSTEM / IMPROVEMENT PERMIT

Page # 3

## CONSTRUCTION AUTHORIZATION / OPERATION PERMIT

<u>Zoning Determination</u>	<u>Improvement Authorization</u>	Permit#	:	<b>062915</b>	Fee	:	200.00
ME	8/03/06	CC	9/14/07	Issued Date	:	08032006	Code Violation:
<u>Construction Authorization</u>	<u>Operation Authorization</u>	Issued By	:	AB31	GEO PIN #	:	32638692400000
CC	9/14/07	EH - File #	:	101645	EHS ASSIGNED	CC	

Operation Permit : *Jane Toady, RSI*  
 Installer : *Chris Blackman, RSI*  
*Danny Inman*

Issue Date : 0/00/00  
 3110/08

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 HEALTH DEPARTMENT.

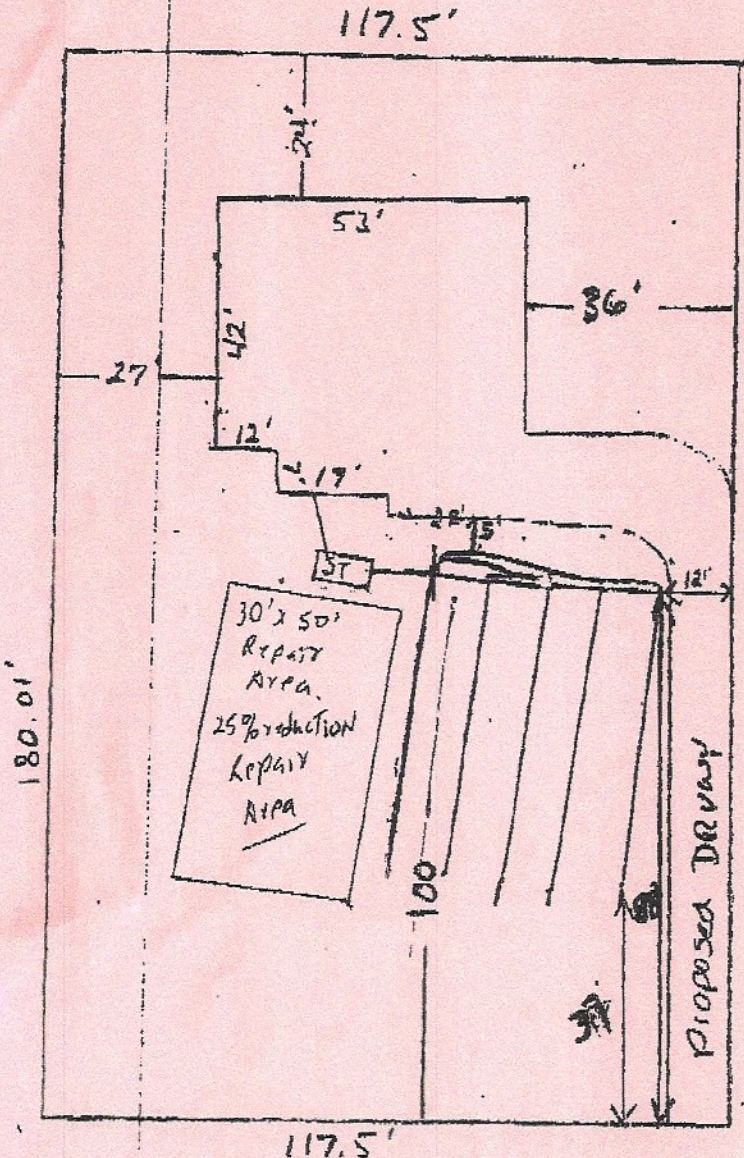
THE SITE IS SUBJECT TO APPROVAL BY OTHER PUBLIC AGENCIES. .1973 (b) (1) (c)  
 PCHD/EH-3 Rev. 2-98

**PLOT PLAN**

SCALE: 1 inch = 30 feet

**ADDITIONAL PERMIT CONDITIONS:**

1. Do not park or drive on any part of the septic system or repair area.
2. Do not add or remove soil, or otherwise alter the lot in the proposed septic system location and repair area without prior approval from Pender County Environmental Health. Doing so may result in a revision fee or permit revocation.
3. Nitrification trench aggregate shall be covered with geotextile filter fabric, straw, untreated paper or other approved materials prior to final cover/backfilling.
4. Do not install system under wet conditions.
5. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or sized in accordance with size numbers 3, 4, 5, 57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. 150 B-14 (e). Documentation of aggregate size shall be available upon request.
6. Adhere to minimum setback requirements as stated in Rule 1950 and 1951 of N.C. Laws and Rules for Sewage Treatment and Disposal Systems (Article 11, G.S. Chapter 130A), unless otherwise indicated in this permit.
7. All two-section pump tanks shall be tested for water tightness. In addition, any septic tank or pump tank may be subject to a water tightness test.
8. Ensure plumbing elevation is high to achieve gravity flow, or a pump system will be required. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N. C. Plumbing Code is used to pump raw sewage to the septic tank, a 2" tank shall be installed prior to the 1" for settling of solids.
9. An accepted wastewater system may also be installed in accordance with the Accepted Wastewater System Approval (AWWS-00-01 or AWWS-05-02) Maximum LTAR of 1.0 gpd / 22.



System Design:  
 4 ~~3~~ Bedrooms  
 480 ~~360~~ GPD  
 .6 LTAR  
 800 ~~600~~ Square Ft.  
 267 ~~200~~ Linear Ft.  
 5 ~~4~~ Lines @ ~~50~~ 53 feet  
 18" Trench Depth  
 3' Trench Width w/ Lines 9' on center

Revised  
 10/11/07  
 138" 3 BR. TO 111"  
 A 4 BR.  
 Per owner's Request.

\*IF GRAVITY FLOW CANNOT BE MAINTAINED,  
 A PUMP SYSTEM WILL BE REQUIRED.

NC Hwy 210 Lot 3

\* Revised  
 09-05-07

PENDER COUNTY HEALTH DEPT.  
 ENVIRONMENTAL HEALTH SECTION  
 P.O. BOX 1209  
 BURGAW, NC 28425

PERMIT # 101645  
 PAGE 2 OF 2  
 SIGNATURE Chy. [unclear] DATE 10-09-06