



Pender County Health Department

Environmental Health Division
803 Walker Street, P.O. Box 1209
Burgaw, NC 28425
Phone: 910-259-1233 Fax: 910-259-1404
www.pendercountync.gov

Wastewater System Operation Permit

Parcel Pin: 3282-60-3115-0000

Permit Number: CA-102565

Property Address: Rice Flat Bay

Facility Type: Single Family Dwelling

Property Description: Cypress Lakes Lot 9

Owner: Bill Clark Homes

System Operator: Owner

Address: 127 Racine Drive
Wilmington, NC

REQUIRED INSPECTIONS

ORC Inspection every:

System Installer: Inman

PCHD Inspection every:

System Classification: Other Trench (25%)

System Type: IIIg

In accordance with NCGS 130A-11 and 15A NCAC 18A Section .1900, This Operation Permit is issued to:

Bill Clark Homes


For the operation of a **480 GPD** wastewater treatment and disposal system.

Conditions

1. This permit shall be effective only with respect to the nature and volume of the waste specified. Water softener backwash is not allowed in the system.
2. This permit is transferable; however, any conditions imposed on this permit shall also transfer to the subsequent owner.
3. The system shall perform and be properly maintained and operated at all times in accordance with Rule .1961.
4. The owner, or other contractually responsible party if applicable, is responsible for compliance with 15A NCAC 18A section .1900.
5. In the event of failure of the system to perform satisfactorily (as determined by the PCHD), the owner, or other responsible part if applicable, shall take such corrective actions as required by the Department within the specified period of time.
6. No traffic, vehicles or excavations shall be allowed on the system or the repair area.
7. Appropriate permits shall be obtained from the PCHD prior to any repairs to the system or additions of flow.
8. The owner (and ORC, if applicable) shall notify the PCHD of any malfunction or necessary repairs.
9. The owner is responsible for keeping the plumbing system of the facility in good repair and eliminating leaks, drips, or excess flows as they are found.
10. A useable repair area as designated by the PCHD shall be maintained and reserved for the addition to or replacement of the initial drainfield.
11. Refer to the "as-built" inspection record on file at PCHD for system installation specifications.
12. Permits for Types V and VI systems expire in 5 years. Owner must contact PCHD 6 months prior to expiration for permit renewal.
13. The system shall be maintained and operated at all times in accordance with the Schedule of Operation and Maintenance shown on pg 2 of this permit.
14. Unless specifically allowed for on the Construction Authorization, systems are not designed for garbage disposal use.
15. See page 2 for any additional conditions.

This permit may be suspended or revoked for non-compliance with any permit condition.

ISSUED: 7/31/15


Registered Environmental Health Specialist



PENDER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION
 803 Walker Street, P.O. Box 1209
 Burgaw, NC 28425
 Phone 910-259-1233 FAX 910-259-1404
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WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION

Parcel PIN: 3282-60-3115
 Application Date:

Permit #: CA 102565
 Associated IP #: IP 102565

Applicant: Bill Clark Homes
 Address: 127 Racine Drive
 Wilmington, NC
 Phone: 350.1744

Owner: same
 Address:
 Phone:

Property Address: Rice Flat Bay
 Property Description: Cypress Lakes Lot 9
 Permit Type: Residential Revision

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

INITIAL SYSTEM

REPAIR SYSTEM

Design Flow: 480 GPD
 No. of Bedrooms: 4
 Septic Tank: 1000 GAL
 Pump Tank: N/A

System Type: Other Trench (25%)
 System Class: IIIg
 Nitrification: 3' x 240' Total
Max Trench Depth: 18"
 Horiz Trench Separation: 9'

System Type: Other Trench (25%)
 System Class: IIIg
 Nitrification: 3' x 240'
Max Trench Depth: 18"
 Horiz Trench Separation: 9'

Conditions/Comments:

1 - NOT DESIGNED FOR GARBAGE DISPOSAL.

4 lines at 60 feet each.

- INSTALL DRAIN LINES ON CONTOUR.
- IF GRAVITY FLOW CANNOT BE MAINTAINED A PUMP TANK WILL BE REQUIRED.
- THE DRAINFIELD MUST BE SEEDED PRIOR TO SYSTEM APPROVAL.

REFER TO THE ATTACHED SITE PLAN SHOWING THE SYSTEM AND FACILITY LOCATIONS AND OTHER SYSTEM SPECIFICATIONS. THIS AUTHORIZATION SHALL BECOME INVALID AND MAY BE REVOKED IF THE INFORMATION SUBMITTED ON THE APPLICATION OR SITE PLAN IS INCORRECT, FALSIFIED, OR CHANGES OR IF THE SITE IS ALTERED OR IF THE SYSTEM INSTALLATION IS NOT COMPLETED BEFORE THE EXPIRATION DATE. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH:

- NORTH CAROLINA ADMINISTRATIVE CODE TITLE 15A .1900.
- APPLICABLE SYSTEM APPROVALS.
- PENDER COUNTY HEALTH DEPARTMENT POLICIES.

ISSUED: 27 Feb 15

Vernie Dodson

 Registered Environmental Health Specialist

EXPIRES: 31 Dec 16

Typical Setbacks Required By State Rules Unless Otherwise Specified In Writing:

1. Any private water supply sources, including any well or spring	100 feet
2. Any public water supply source	100 feet
3. Streams classified as WS-I	100 feet
4. Any other stream, canal, marsh, or other surface water	50 feet
5. Any Class I or Class II reservoir	100 feet from normal pool elevation
6. Any permanent storm water retention pond	50 feet from flood pool elevation
7. Any other lake or pond	50 feet from normal pool elevation
8. Any building foundation or building footing	5 feet
9. Any property line	10 feet
10. Top of slope of embankments or cuts of 2 feet or more	15 feet
11. Any water line	10 feet
12. Drainage systems:	
A) Interceptor drains, foundation drains, and storm water diversions	
I) upslope from system	10 feet
II) sideslope from system	15 feet
III) downslope from system	25 feet
B) groundwater lowering ditches and devices	25 feet
13. Any swimming pool	15 feet
14. Any other nitrification field (except repair area)	20 feet
15. Drip line (outermost edge of a structure)	5 feet

Any changes to the proposed plans must be approved by the PCHD

*

Please do not allow any traffic, construction, excavation, utilities, material storage, or any other disturbance to take place on the designated septic areas. These activities may void your permit.

*

The Owner is responsible for marking any property lines, corners, proposed house site, outbuildings, decks and driveways. The Contractor is responsible for ensuring that the well or septic system is installed in the proper location and that all setbacks and conditions on the permit are met.

*

The system must be installed/repaired by a Registered Septic System Contractor

*

For systems with a pump, the Registered Septic Contractor is responsible for insuring the proper installation of the electrical components. An electrical permit must be obtained and a person with a valid North Carolina SP-PH Electrical license must provide electrical service to the pump controller and alarm.

*

It is the responsibility of the Registered Septic Contractor to call the PCHD to schedule the installation inspections.

*

The Registered Septic Contractor is responsible for backfilling the system components so that no areas are subject to the retention or ponding of surface water.

*

After the installation is completed, some settling of the backfill material may take place. The system Owner is responsible for eliminating settled or sunken area, stabilization, and final landscaping of the ground surface.

*

When the Construction Authorization is issued for a Conventional or Accepted System, the Owner may choose to substitute any Accepted System for the permitted system, provided there are no changes necessary in the specific line locations, depths, or distribution system. When a substitution is made, verification that the Owner made the system choice will be required prior to issuance of the Operation Permit

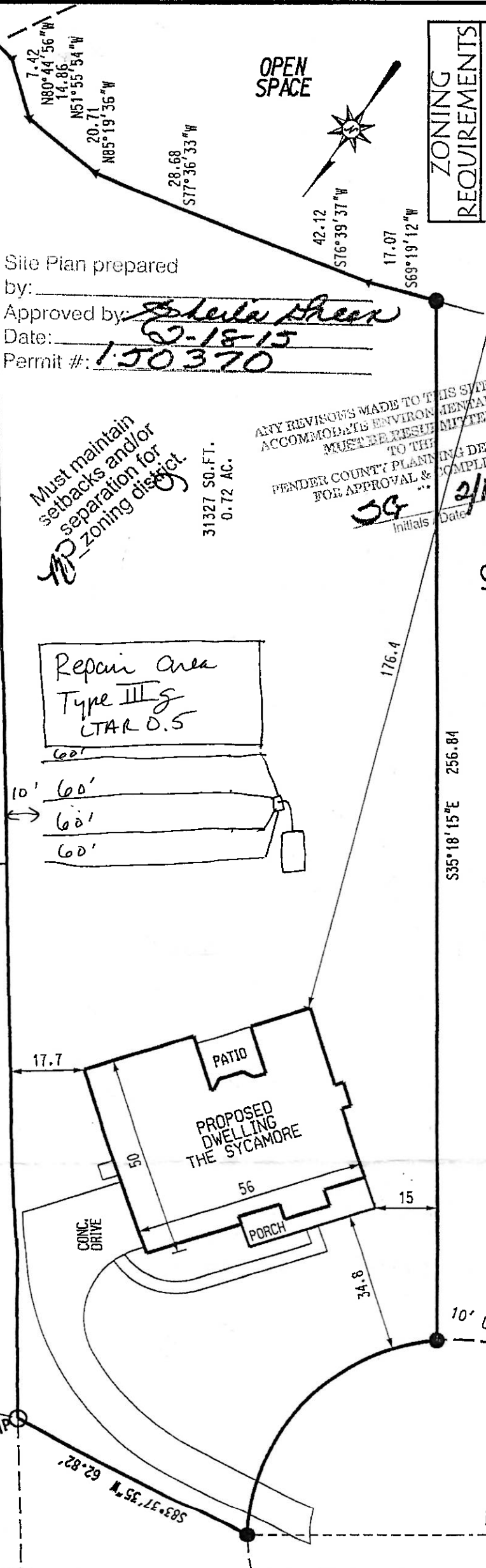
*

It is the responsibility of the Owner to ensure proper maintenance.

MEGALEG, LLC
TRACT A
MAP BOOK 51 PAGE 57
BK 3993 PG 172

SWAN SONG PROPERTIES, LLC
LOT 2
MAP BOOK 51 PAGE 58
BK 4307 PG 16

RICH LEHRER
LOT 3
MAP BOOK 51 PAGE 58
BK 3852 PG 145



Site Plan prepared by: _____

Approved by: *Shelia Sheer*

Date: *2-18-15*

Permit #: *150370*

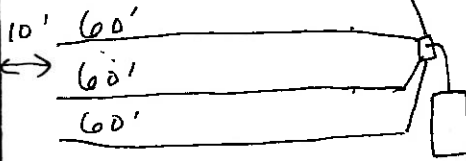
Must maintain setbacks and/or separation for *MD* zoning district

31327 SQ.FT.
0.72 AC.

ANY REVISIONS MADE TO THIS SITE PLAN TO ACCOMMODATE ENVIRONMENTAL HEALTH MUST BE RESUBMITTED TO THE PENDER COUNTY PLANNING DEPARTMENT FOR APPROVAL & COMPLIANCE

SC Initials
2/18/15 Date

Repair Area
Type III
LTAR 0.5



IMPERVIOUS AREA	2852 SF
BUILDING DRIVE & WALK	1565 SF
TOTAL	4417 SF
ALLOWED	5000 SF

NOTE: THIS PROPERTY IS NOT LOCATED WITHIN THE 100 YR. FLOODPLAIN AS SHOWN ON FIRM COMMUNITY PANEL 3720 3281 00J.

LEGEND
E.I.P. IRON PIPE
● EXISTING PROPERTY CORNER
■ EXISTING CONTROL MONUMENT

ZONING REQUIREMENTS

PENDER COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH SECTION
P.O. BOX 682
HAMPSTEAD, NC 28443
PERMIT # *CA102565*
PAGE _____ OF _____
SIGNATURE *[Signature]* DATE *2/18/15*

NOT TO SCALE
THIS IS A PRELIMINARY PLAN FOR PERMITTING PURPOSES ONLY. IT IS NOT THE RESULT OF A SURVEY. ALL IMPROVEMENTS SHOWN ARE PROPOSED. THIS PLAN IS NOT TO BE USED FOR REAL ESTATE SALES OR CONVEYANCES.
WITNESS MY HAND AND SEAL THIS 18th DAY OF FEBRUARY 2015
[Signature]
DAY OF _____

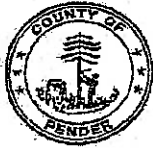
C-0647

STROUD ENGINEERING, P.A.
1220 CHEVA DRIVE
WILMINGTON, NC 28403
1502819-0775

PRELIMINARY PLOT PLAN FOR
BILL CLARK HOMES
LOT 9
CYPRESS LAKES
TOPSAIL TOWNSHIP PENDER COUNTY NORTH CAROLINA
DATE: 02/11/15
SCALE: 1"= 30'

10' UTILITY EASEMENT
RICE FLAT BAY
45° PRIVATE R/W

7/14/2008 9:34:08 AM



Environmental Health PENDER COUNTY, North Carolina

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IMPROVEMENT PERMIT SITE

Page # 1

No Zoning or Building Permit is to be issued with this permit.
See Article 11 NC General Statutes, Chapter 130A-336 through 130A-338

<u>Zoning Determination</u>	<u>Construction Authorization</u>	Permit# : 074261	Fee : 500.00
JP	12/11/07	Issued Date : 01252008	Code Violation:
		Issued By : AB31	GEO PIN # : 32815997750000
		EH - File # : 102565	
		EHS ASSIGNED	CKB

Permitted Use / Description of Work

Single family dwelling

Description of Work

Site evaluation of a 60 x 80 SFR (Not to exceed 35' in height)

Applicant: HELIAS DIANA
PO BOX 882
HAMPSTEAD NC

Work Phone: 9102702919
Home Phone:
Fax :

Relationship of Applicant to Owner:

AGENT FOR PROPERTY OWNER

Owner : TL VENTURES LLC
HUGHES RD 611
HAMPSTEAD NC

Work Phone:
Home Phone:
Fax :

SITE ADDRESS : 611 TURTLE COVE CT
Subdivision : MANOR AT CYPRESS LAKES
Section /Block : Lot: 9
Township : TOPSAIL

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

WATER SUPPLY N/A SEWER SERVICE Private Septic

Directions to Site:

Lt 9 The Manor at Cypress Lakes--Hwy 17 S to left on Washington Acres Rd. to right on Thomas Lane, property on left at intersection of Pearsons Lane

Requirements

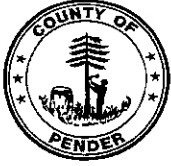
- LOT-SIZE - 31,338 SF
- EXISTING WELLS, SPRINGS, OR EXISTING WATER LINES ON PROPERTY - N
- ANY JURISDICTIONAL WETLANDS - Y
- IS THE SITE SUBJECT TO APPROVAL BY ANY OTHER PUBLIC AGENCY - Y
- STRUCTURE/CONSTRUCTION TYPE - LESS THAN OR EQUAL TO 4 BDRM DWELLING
- NUMBER OF BEDROOMS - LESS THAN OR EQUAL TO 4
- NUMBER OF OCCUPANTS - LESS THAN OR EQUAL TO 8
- BASEMENT - N
- GRINDER PUMP FOR LOWER LEVEL PLUMBING - N
- SYSTEM TYPE - II-A CONVENTIONAL BED
- LTAR (GPD/FT) - .5
- DAILY DESIGN FLOW (GPD) - LESS THAN OR EQUAL TO 480
- WASTEWATER TYPE - DOMESTIC
- SEPTIC TANK SIZE (GALLONS) - GREATER THAN OR EQUAL TO 1000
- NITRIFICATION FIELD (SQ. FT) - 1440
- NUMBER OF LINES - 9
- LENGTH OF LINES (FT) - 54
- TRENCH WIDTH (INCHES) - N/A
- TRENCH DEPTH (INCHES) - 24
- BED SYSTEM SIZE - 27' X 54'
- TYPE OF BUSINESS - N/A
- TOTAL SQ. FOOTAGE OF BLDG. - N/A

*Permit and site plan valid until
12/31/2016 per SL 2010-177 (WNO)*

Environmental Health PENDER COUNTY, North Carolina

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IMPROVEMENT PERMIT SITE

Page # 1

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SITE ADDRESS : 611 TURTLE COVE CT
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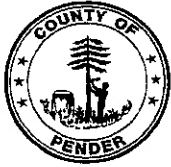
Requirements

LOT SIZE - 31,338 SF
EXISTING WELLS, SPRINGS, OR EXISTING WATER LINES ON PROPERTY - N
ANY JURISDICTIONAL WETLANDS - Y
IS THE SITE SUBJECT TO APPROVAL BY ANY OTHER PUBLIC AGENCY - Y
STRUCTURE/CONSTRUCTION TYPE - LESS THAN OR EQUAL TO 4 BDRM DWELLING
NUMBER OF BEDROOMS - LESS THAN OR EQUAL TO 4
NUMBER OF OCCUPANTS - LESS THAN OR EQUAL TO 8
BASEMENT - N
GRINDER PUMP FOR LOWER LEVEL PLUMBING - N
SYSTEM TYPE - II-A CONVENTIONAL BED
LTAR (GPD/FT) - .5
DAILY DESIGN FLOW (GPD) - LESS THAN OR EQUAL TO 480
WASTEWATER TYPE - DOMESTIC
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LENGTH OF LINES (FT) - 54
TRENCH WIDTH (INCHES) - N/A
TRENCH DEPTH (INCHES) - 24
BED SYSTEM SIZE - 27' X 54'
TYPE OF BUSINESS - N/A
TOTAL SQ. FOOTAGE OF BLDG. - N/A

Environmental Health PENDER COUNTY, North Carolina

P. O. Box 1209
Burgaw, NC 28425

Environmental Health
910-259-1233



IMPROVEMENT PERMIT SITE

Page # 2

No Zoning or Building Permit is to be issued with this permit.

See Article 11 NC General Statutes, Chapter 130A-336 through 130A-338

<u>Zoning Determination</u>	<u>Construction Authorization</u>	Permit# : 074261	Issued Date : 01252008	Fee : 500.00
JP	12/11/07	0/00/00	EH - File # : 102565	Code Violation:
		EHS ASSIGNED	CKB	GEO PIN # : 32815997750000

LOWER LEVEL PLUMBING - N/A
 MAXIMUM NO. EMPLOYEES, MEMBERS, SEATS, ETC. - N/A
 MINIMUM SYSTEM REVIEW FREQUENCY - N/A
 TYPE OF WATER SUPPLY - PUBLIC
 TYPE OF FACILITY THE PROPOSED SITE IS TO SERVE - LESS THAN OR EQUAL TO 4 BDRM DWELLING
 DISTANCE FROM ALL WELLS (FT) *NO CASE LESS THAN 50 FT. - 100

No Zoning or Building Permit is to be issued with this permit.
 See Article 11 NC General Statutes, Chapter 130A-336 through 130A-338
 This permit is subject to revocation if site plans or intended use changes.

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) (l) (c).

Conditions

Notes

- THE FOLLOWING ARE REQUIREMENTS AND CONDITIONS PRIOR TO C.A. ISSUANCE:
- SUBMIT SPECIFIC HOUSE PLANS THAT INCLUDE: DRIVEWAY LOCATION, GARAGE LOCATION, PORCHES AND DECKS, AND ANY OTHER SITE CONSIDERATIONS SUCH AS STORAGE BUILDINGS, SWIMMING POOLS, ETC. PLANS MUST ACCOMMODATE PERMITTED SEPTIC SYSTEM AND SEPTIC SYSTEM REPAIR AREA.
 - IF GRAVITY FLOW CANNOT BE MAINTAINED, A PUMP SYSTEM WILL BE REQUIRED.
 - AN ADDITIONAL SITE VISIT MAY BE REQUIRED.
 - REVISION FEES WILL BE REQUIRED AT TIME OF REQUEST FOR SEPTIC PERMIT REVISION.
 - NO BUILDING PERMIT TO BE ISSUED WITH THIS PERMIT.
 - MUST BE 15FT FROM TOP OF BANK
 - ANY WATERLINE MUST BE 10FT FROM ANY PART OF THE SEPTIC SYSTEM, IF NOT THE TAP WILL HAVE TO BE RELOCATED.
 - Before final zoning, a plat must be approved by the Pender County Planning Department and recorded in the Pender County Registry.
 - Will need proof of water source before final zoning. If property will be serviced by a well, will need a copy of well permit. If property will be service by county water or private source, will need letter from provider.
 - Applicant identified wetlands on property. If construction occurs in wetlands will need wetland fill authorization or permit.
 - At final zoning, please check for new tax identification number as this lot is currently part of a 25 acre tract.

Improvement Permit: Chris Blochman

Issue Date : 7/18/08

5 Year Improvement Permit : Chris Blochman

Issue Date : 7/18/08

Improvement Permit, No Expiration Date : _____

Issue Date : _____