

CHATHAM COUNTY ENVIRONMENTAL HEALTH

P. O. Box 130 / 80 East St.
Pittsboro, N.C. 27312-0130
542-8208

1000 S. 10th Avenue
Siler City, N. C. 27344
742-4911

WELL PERMIT

- ☒ New Well
☐ Replacement Well

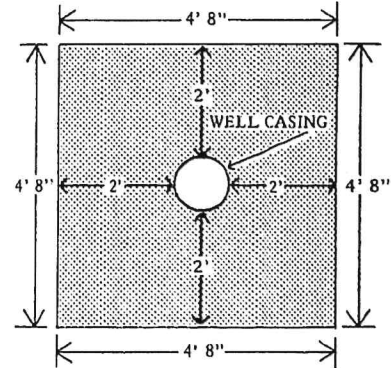
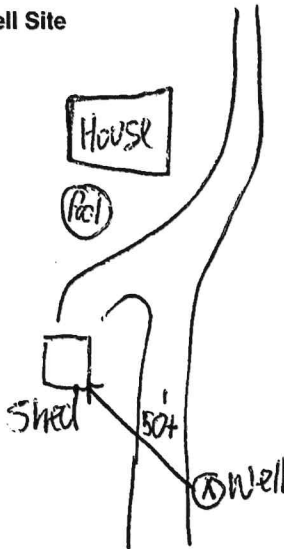
THIS PERMIT EXPIRES FIVE
YEARS FROM DATE OF ISSUE.

OWNER John L. Douglas ADDRESS 1656 NC Hwy 42

Directions to Site _____

WELL TO SERVE: ☐ Residence ☐ Mobile Home Park ☒ Other chicken house

Sketch of Well Site



CONCRETE WELL SLAB (top view)

Owner or contractor required to pour concrete slab around well casing, 4' 8" x 4' 8" x 4". MUST BE COMPLETED BEFORE APPROVAL OF PRIVATE WATER SUPPLY.

MAINTAIN 100' FROM ALL SEPTIC AREAS, 50' FROM ANY BUILDING FOUNDATION & 10' FROM ANY PROPERTY LINE.

WELL CONSTRUCTION

Distance from nearest property line 100'+
Distance from source of pollution 100'+
Total depth of well 510 ft. 3 @ 310 GPM 2 @ 400 B 3 @ 400
Water Bearing Zones: Depth 3 @ 310 Ft. 2 @ 400 Ft. 3 @ 400 Ft. 6 1/4 Ft.
Casing Depth: From +1 to 62 Ft.
Static Water Level 25
Casing Type: Steel Galvanized Steel Thickness 0.188

If steel, does owner approve: ☐ Yes ☐ No

Drive Shoe ☒ Yes ☐ No Height of casing above ground 12' inches

Problems in setting casing ☐ Yes ☒ No Explain _____

Grout Type: ☐ Neat ☐ Sand/Cement ☒ Concrete Annular space width 2" + in.

Water in Annular space ☐ Yes ☒ No Method of Grout: Pump ☐ Pressure ☐ Poured ☒

No. Bags of Portland Cement truck Depth From 0 to 20' + Ft.

Weight of 1 bag _____ lbs. Proper Slab Constructed _____ ID Plate _____ Chlorination ☒ Yes ☐ No

DEPTH		DRILLING LOG
From	To	FORMATION DESCRIPTION
0	20	Clay
20	62	Brownstone
62	510	Brownstone

I hereby certify that the above information is correct and that this well was constructed in accordance with the Chatham County Well Ordinance.

Don Blackwell 1-14-08
Signature of Contractor Date

Permit Issued By Toni Ritter R.S.

Well Grout Inspected by Toni Ritter R.S.

Inspection Completed by No slab required TR

Date 1-14-08

Date 1-14-08

Date 2-30-12

1656 NC Hwy 42

911 Address

Douglas, John

NAME/SUBDIVISION

CHATHAM COUNTY ENVIRONMENTAL HEALTH

P. O. Box 130 / 80 East St.
Pittsboro, N.C. 27312-0130
542-8208

1000 S. 10th Avenue
Siler City, N. C. 27344
742-4911

WELL PERMIT

☒ New Well
☐ Replacement Well

**THIS PERMIT EXPIRES FIVE
YEARS FROM DATE OF ISSUE.**

OWNER John Douglas ADDRESS 1656 NE HWY 42

Directions to Site _____

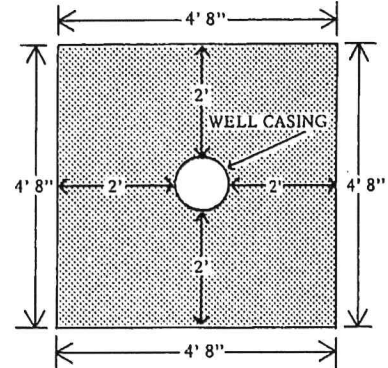
WELL TO SERVE: ☐ Residence ☐ Mobile Home Park ☒ Other chicken houses

Sketch of Well Site



#2

0#2



CONCRETE WELL SLAB (top view)

Owner or contractor required to pour concrete slab around well casing, 4'8" x 4'8" x 4". MUST BE COMPLETED BEFORE APPROVAL OF PRIVATE WATER SUPPLY.

MAINTAIN 100' FROM ALL SEPTIC AREAS, 50' FROM ANY BUILDING FOUNDATION & 10' FROM ANY PROPERTY LINE.

WELL CONSTRUCTION

Distance from nearest property line 10+
Distance from source of pollution 100+
Total depth of well 0 ft. GPM 510
Water Bearing Zones: Depth 350+ Ft. Ft. Ft. Ft.
Casing Depth: From 0 to 43 Ft. Diameter 6 1/8
Static Water Level
Casing Type: Steel Galvanized Steel ☒ Thickness .188

If steel, does owner approve: ☐ Yes ☐ No

Drive Shoe ☐ Yes ☐ No Height of casing above ground 12+ inches

Problems in setting casing ☐ Yes ☐ No Explain _____

Grout Type: ☐ Neat ☐ Sand/Cement ☒ Concrete Annular space width 2-3 in.
Water in Annular space ☒ Yes ☐ No Method of Grout: Pump ☐ Pressure ☐ Poured ☒
No. Bags of Portland Cement Truck Depth From 0 to 20+ Ft.
Weight of 1 bag _____ lbs. Proper Slab Constructed _____ ID Plate _____ Chlorination ☐ Yes ☐ No

DEPTH		DRILLING LOG
From	To	FORMATION DESCRIPTION
0	20	clay
20	510	Brownstone

I hereby certify that the above information is correct and that this well was constructed in accordance with the Chatham County Well Ordinance.

Don Blackwell 1-2' 0"

Signature of Contractor

Date

Permit Issued By Thomas J. Boye R.S.

Date 1-18-08

Well Grout Inspected by Thomas J. Boye

Date 1-24-08

No slab required TR

Date 3-30-12

1656 HWY 42

911 Address

Douglas, John

NAME/SUBDIVISION

CHATHAM COUNTY ENVIRONMENTAL HEALTH

P. O. Box 130 / 80 East St.
Pittsboro, N.C. 27312-0130
542-8208

1000 S. 10th Avenue
Siler City, N. C. 27344
742-4911

WELL PERMIT

☒ New Well
☐ Replacement Well

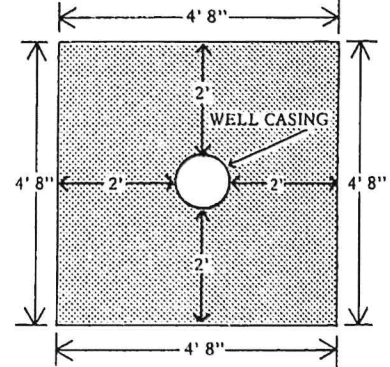
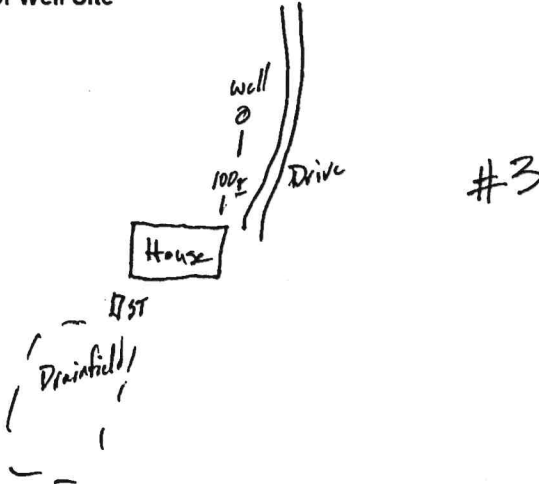
THIS PERMIT EXPIRES FIVE YEARS FROM DATE OF ISSUE.

OWNER John Douglas ADDRESS 1656 NW 42

Directions to Site _____

WELL TO SERVE: ☐ Residence ☐ Mobile Home Park ☒ Other chicken house

Sketch of Well Site



CONCRETE WELL SLAB (top view)

Owner or contractor required to pour concrete slab around well casing, 4'8" x 4'8" x 4". MUST BE COMPLETED BEFORE APPROVAL OF PRIVATE WATER SUPPLY.

MAINTAIN 100' FROM ALL SEPTIC AREAS, 50' FROM ANY BUILDING FOUNDATION & 10' FROM ANY PROPERTY LINE.

WELL CONSTRUCTION

Distance from nearest property line 100'
Distance from source of pollution 100'
Total depth of well 310 ft. 270 GPM 20
Water Bearing Zones: Depth 270 Ft. Ft. Ft. Ft.
Casing Depth: From 0 to 45 Ft. Diameter 6 1/4
Static Water Level 30
Casing Type: Steel Galvanized Steel ☒ Thickness .188

If steel, does owner approve: ☐ Yes ☐ No

Drive Shoe ☐ Yes ☐ No Height of casing above ground 12' inches

Problems in setting casing ☐ Yes ☐ No Explain _____

Grout Type: ☐ Neat ☐ Sand/Cement ☒ Concrete Annular space width 2-3 In.

Water in Annular space ☐ Yes ☐ No Method of Grout: Pump ☐ Pressure ☐ Poured ☒

No. Bags of Portland Cement truck Depth From _____ to _____ Ft.

Weight of 1 bag _____ lbs. Proper Slab Constructed _____ ID Plate _____ Chlorination ☒ Yes ☐ No

DEPTH		DRILLING LOG
From	To	FORMATION DESCRIPTION
0	20	Clay
20	310	Brownstone

I hereby certify that the above information is correct and that this well was constructed in accordance with the Chatham County Well Ordinance.

Don Blaschke 1-24-08
Signature of Contractor Date

Permit Issued By Thomas J. Boye R.S.

Date 1-18-08

Well Grout Inspected by Thomas J. Boye R.S.

Date 1-24-08

No slab required to

3-20-12

1656 NW 42

911 Address

Douglas, John

AME/SUBDIVISION

CHATHAM COUNTY ENVIRONMENTAL HEALTH

P. O. Box 130 / 80 East St.
Pittsboro, N.C. 27312-0130
542-8208

WELL PERMIT

1000 S. 10th Avenue
Siler City, N. C. 27344
742-4911

☒ New Well
☐ Replacement Well

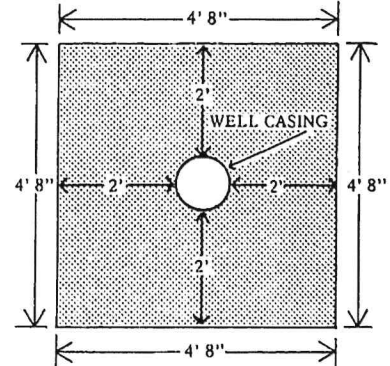
**THIS PERMIT EXPIRES FIVE
YEARS FROM DATE OF ISSUE.**

OWNER John L Douglas ADDRESS ~~158~~ 1656 Hwy 42
Directions to Site _____

WELL TO SERVE: ☐ Residence ☐ Mobile Home Park ☒ Other Chicken House

Sketch of Well Site

See Site Sketch



CONCRETE WELL SLAB (top view)

Owner or contractor required to pour concrete slab around well casing, 4'8" x 4'8" x 4". MUST BE COMPLETED BEFORE APPROVAL OF PRIVATE WATER SUPPLY.

MAINTAIN 100' FROM ALL SEPTIC AREAS, 50' FROM ANY BUILDING FOUNDATION & 10' FROM ANY PROPERTY LINE.

WELL CONSTRUCTION

Distance from nearest property line 100'
Distance from source of pollution 100'
Total depth of well 370 ft. GPM 25
Water Bearing Zones: Depth 5 @ 250 Ft. 20 @ 330 Ft. Ft. Ft. Ft.
Casing Depth: From 0 to 63 Ft. Diameter 6 1/4
Static Water Level 40 Galvanized Steel ☒ Thickness .188
Casing Type: Steel
If steel, does owner approve: ☐ Yes ☐ No
Drive Shoe ☒ Yes ☐ No Height of casing above ground 12' inches
Problems in setting casing ☐ Yes ☒ No Explain _____

Grout Type: ☐ Neat ☐ Sand/Cement ☒ Concrete Annular space width 2-3 In.
Water in Annular space ☐ Yes ☒ No Method of Grout: Pump ☐ Pressure ☐ Poured ☒
No. Bags of Portland Cement truck Depth From 0 to 20 Ft.
Weight of 1 bag _____ lbs. Proper Slab Constructed _____ ID Plate _____ Chlorination ☐ Yes ☐ No

DEPTH		DRILLING LOG
From	To	FORMATION DESCRIPTION
<u>0</u>	<u>20</u>	<u>Clay</u>
<u>20</u>	<u>370</u>	<u>Brownstone</u>

I hereby certify that the above information is correct and that this well was constructed in accordance with the Chatham County Well Ordinance.

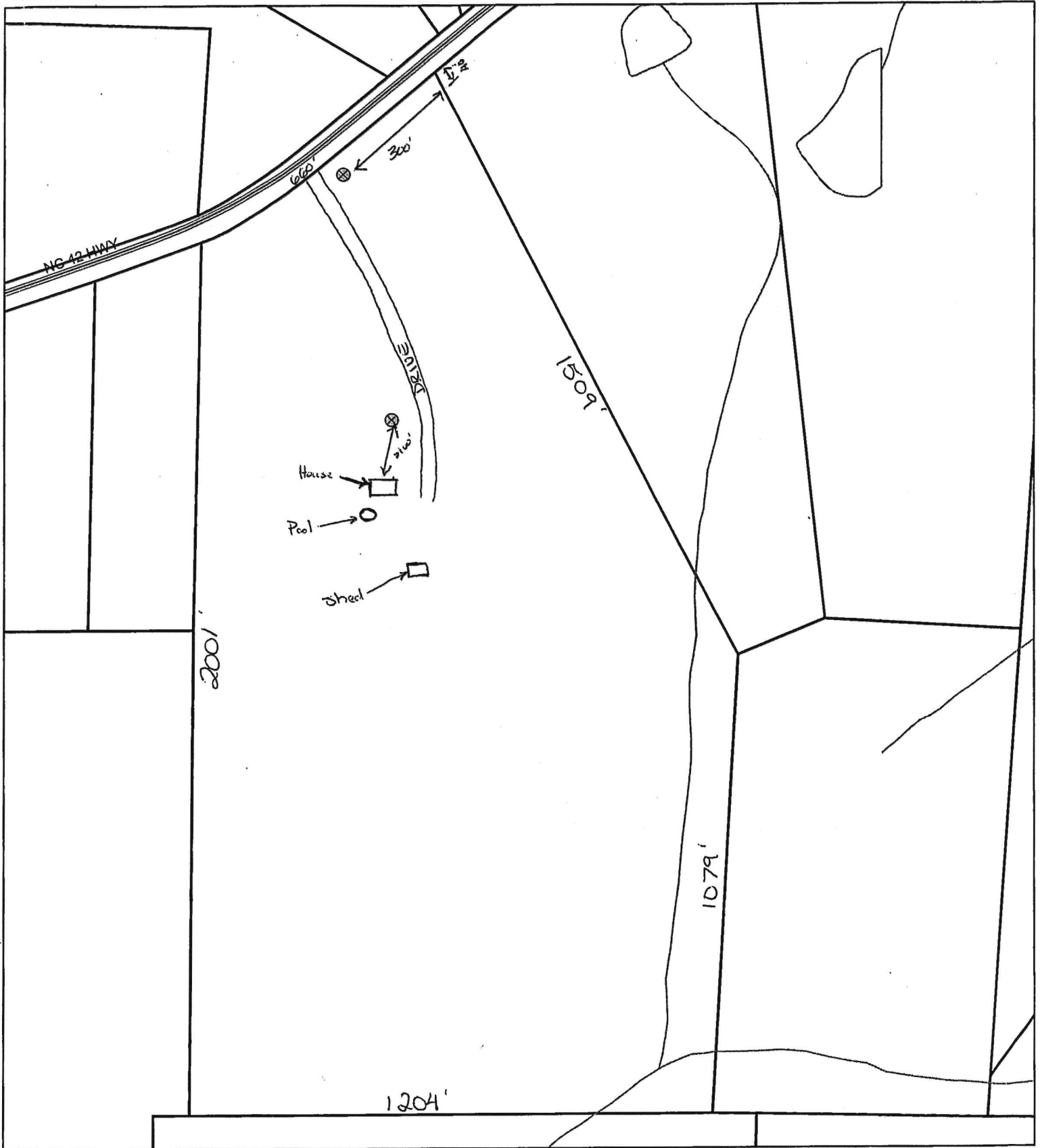
Don Blackwell 1-23-08
Signature of Contractor Date

Permit Issued By Jonathan D. Hix
Well Grout Inspected by Thomas J. Boyce R.S.
No chh. drilled

Date 01/23/2008
Date 1-24-08
3-30-12

PARCEL # 5418

OWNER John Douglas



Legend

- ⊗ Existing Well
- == Roads
- Auger Boring (Depth)
- Stream/River
- Parcels



1 inch equals 300 feet

0 75 150 300 450 600 Feet

This document is for general information purposes only and is not to be considered official. Independent verification of all maps and data should be obtained by the users of the data from the Chatham County Environmental Health Dept.

NAME: Jonathan Douglas

DATE: 1/23/2008

911 ADDRESS

1656 NC HWY 42

NAME / SUBDIVISION & LOT #

Douglas, Loh

CHATHAM COUNTY HEALTH DEPARTMENT SEWAGE DISPOSAL OPERATIONS PERMIT

Date 11-1-06

Improvements Permit No. _____

Owner Loh Douglas

Conditions _____

This permit authorizes the owner to operate the sewage disposal system in accordance with the state and local rules. The department does recommend that septic tanks be pumped out every 3 to 5 years, and filters be cleaned every 2 to 3 years. In the event of a malfunction contact this office.

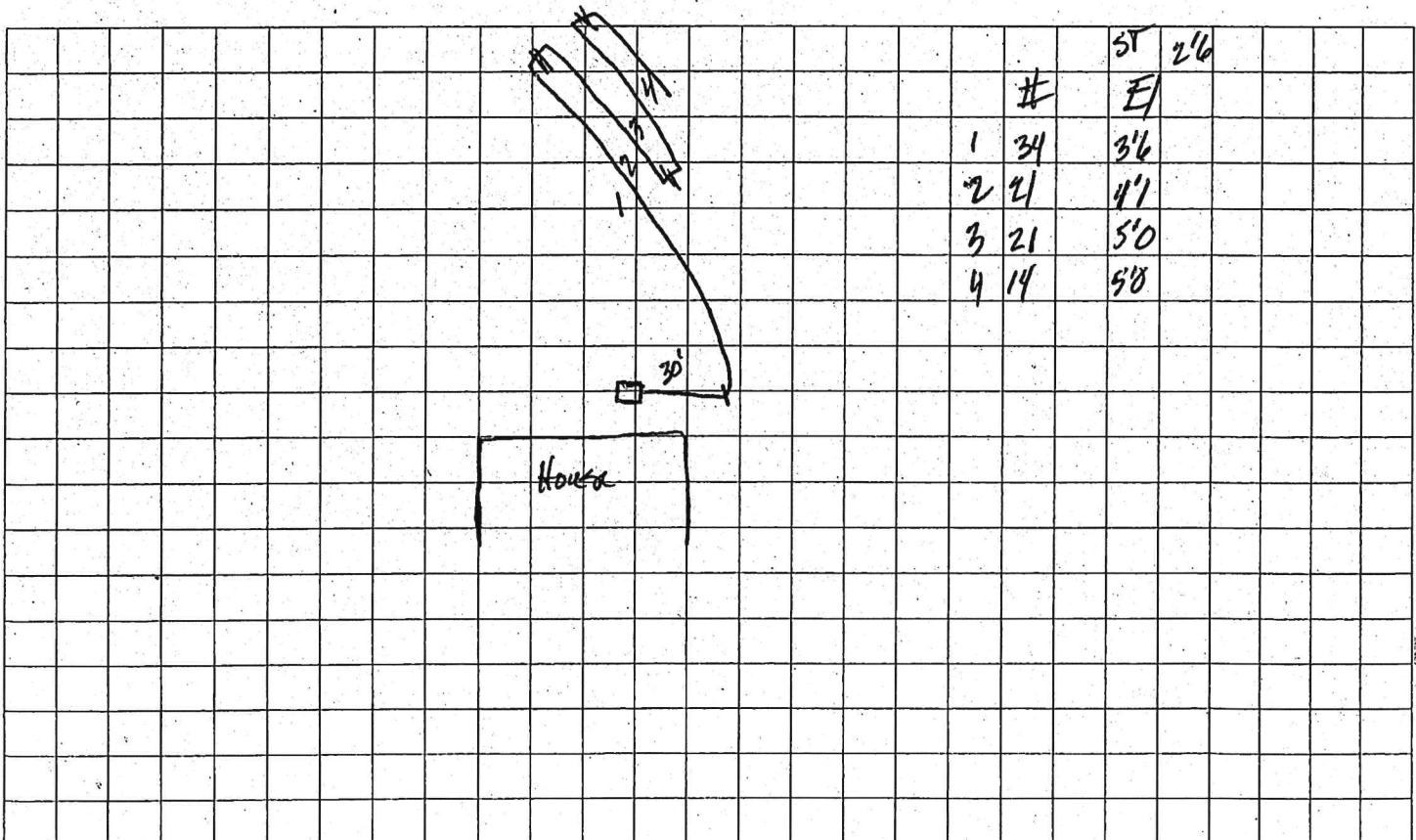
This certifies that the system has been installed in compliance with applicable NC General Statutes and Rules for Sewage Treatment and Disposal and all conditions of the Improvements Permit and Construction Authorization.

SYSTEMS CLASSIFIED AS TYPE IV, V, or VI, REQUIRE SYSTEM MANAGEMENT BY A STATE-CERTIFIED OPERATOR. OPERATION PERMIT HOLDERS ARE RESPONSIBLE FOR NOTIFYING SUBSEQUENT OWNERS.

Thomas J. Boyer R.S.
Environmental Health Specialist

Type System: I ☐ II ☒ III ☐ IV ☐ V ☐ VI ☐

Installer Terry Maples



CHECKLIST

INT/DATE

ST BTS 1000 STD 103 CCHD 484

TJB 11-1-06

PT _____

One piece _____ Two piece _____

Filter Simtech

Riser ✓

Drainfield Quick 4 STD W

Dist. Device _____

Pump _____

Pump Demo _____

Alarm/Floats _____

Circuits _____

Cover ✓



Chatham County Public Health Department
Environmental Health Division
80 East Street, P.O. Box 130 Pittsboro, NC 27312
(919) 542-8208 FAX (919) 542-8288

911 Address

Parcel Number

SEWAGE DISPOSAL CONSTRUCTION AUTHORIZATION

EXPIRATION DATE 10-28-10

New ☒

Repair ☐

Expansion ☐

Owner John Douglas

Location 1656 NC 42 HWY

- This permit authorizes its permit holder to install the sewage disposal system within five years of the issue date on the Improvement Permit.
- This permit is non-transferable.
- The installer must be registered with the Chatham County Environmental Health Division.
- This authorization is required prior to the issuance of a building permit.
- Before an Operations Permit is issued, all required inspections and conditions of the permit must be completed and verified by this department and payment of applicable fees must be received.

Instructions and Conditions

☒ Design capacity: Number of bedrooms 3 or GPD 360.

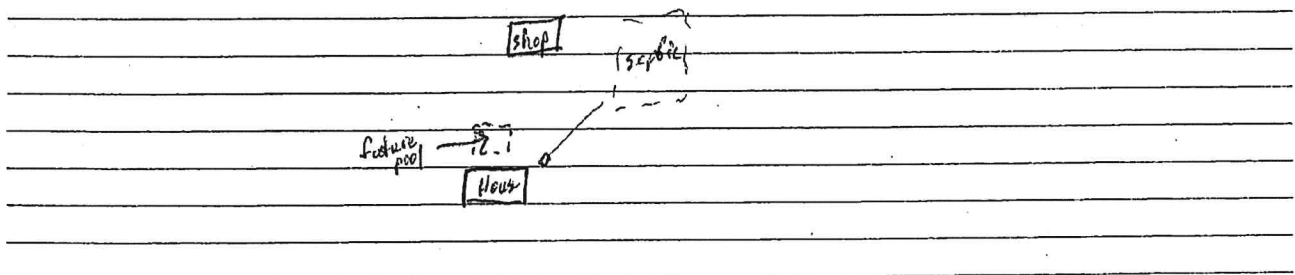
☐ Plans, if required were approved by _____.

☐ The installer must flag the system prior to installation to ensure proper grade.

☐ Approved site plan attached.

☒ Site plan per Improvement Permit approved.

☐ System Type* _____. System types III (b), IV, V and VI require the payment of annual onsite wastewater monitoring fees to the Chatham County Public Health Department. *Payment of the first annual fee is required prior to issuance of the Operation Permit.*



This Construction Authorization is subject to revocation if the site plan, plat or the intended use changes. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal conditions on this permit.

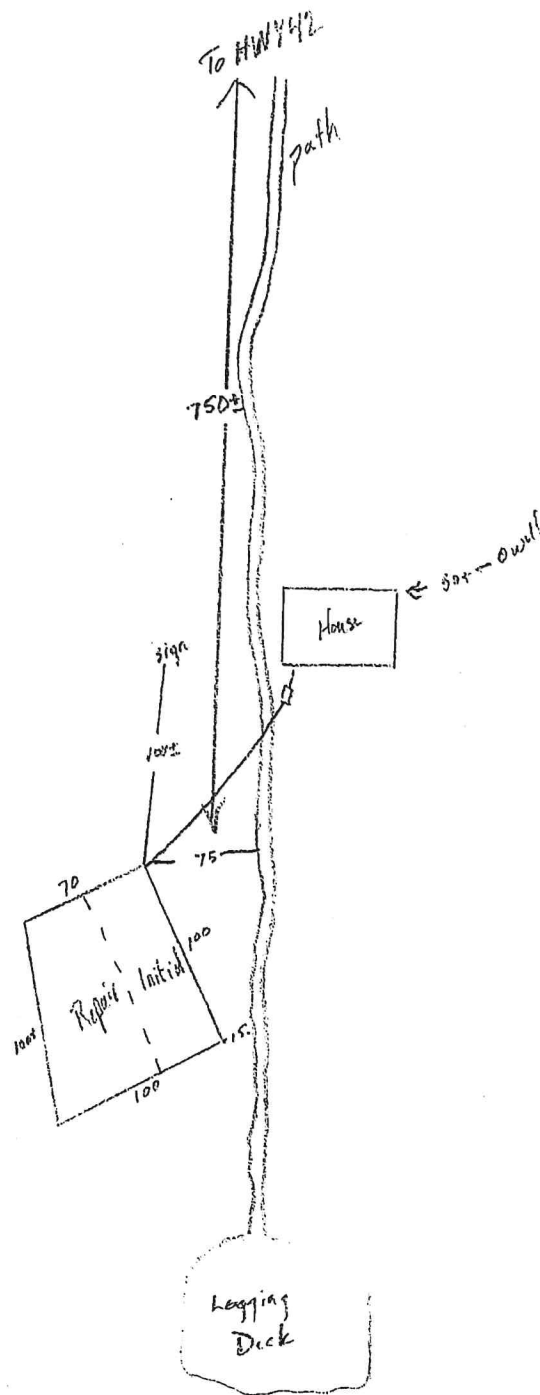
Permit issued by Thomas J. Boyce R.S.
Environmental Health Specialist

Date 6-13-06

* I understand that the system type specified is different from the type specified on the application and accept the specifications of this permit.

Signature _____
Owner/Legal Representative

Date _____



William McAllister S.S.
10-28-05

Thomas J. Baye R.S.

CHATHAM COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH DIVISION

80 East Street ▪ P. O. Box 130 ▪ Pittsboro, NC 27312-0130
Phone (919) 542-8208 ▪ Fax (919) 542-8288

Improvement Permit for Wastewater Systems ARTICLE II-CHAPTER 130A OF THE NC GENERAL STATUTES

OFFICE USE ONLY

TPN _____
Permit No. _____
Date _____
EHS _____
System Type _____

NEW ☒ REPAIR ☐ EXPANSION ☐

An Improvement Permit is issued to Est. of William McAllister for
a 5.6[±] acre site located Hwy 42 near Cozith across from 1661
in Chatham County. It is specifically issued for the following facility:

Facility: Residential (☒) Non-Residential ()

No. Bedrooms 3 No. Residents/Employees 6 max

Type Wastewater: Residential (☒) Commercial ()

Initial System Type: I () II (☒) III () IV () V () VI ()

Description _____

Type System: Shallow Conventional () LPP ()

Other At Grade Accepted 25% Reduction

Design Flow 360 EGPD Application Rate .25 GPD/ft²

Size Tank(s) w/Risers and Effluent Filter ST 1000 Gal PT _____ Gal

Nitrification Line (Length/Width/Max Depth) 360 x 3 x 12"

6" cover required over system area

(On contour in approved septic area; sch. 40 PVC required over step-downs)

Repair System Type: I () II () III () IV () V (☒) VI ()

Description Pretreatment LPP or Drip Irrigation (No Pretreatment)

Special Conditions _____

A plat with site plan showing specific location of the facility, the site for the proposed wastewater system, existing buildings, property lines, water supplies, surface waters, the conditions for any site modifications; and any other information required by the department must be attached to be valid.

This permit is valid [] without expiration [☒] for five years but is subject to revocation if the site is altered, soil disturbed, set-backs violated, or the plans of intended use are changed.
The Improvement Permit shall not be affected by change in ownership.

THIS IS NOT AUTHORIZATION TO INSTALL. An authorization for Wastewater Construction must be obtained from this department before installation.

Issued by Thomas J. Bayne R.S.
Environmental Health Specialist

N.C. Registration Number 1353

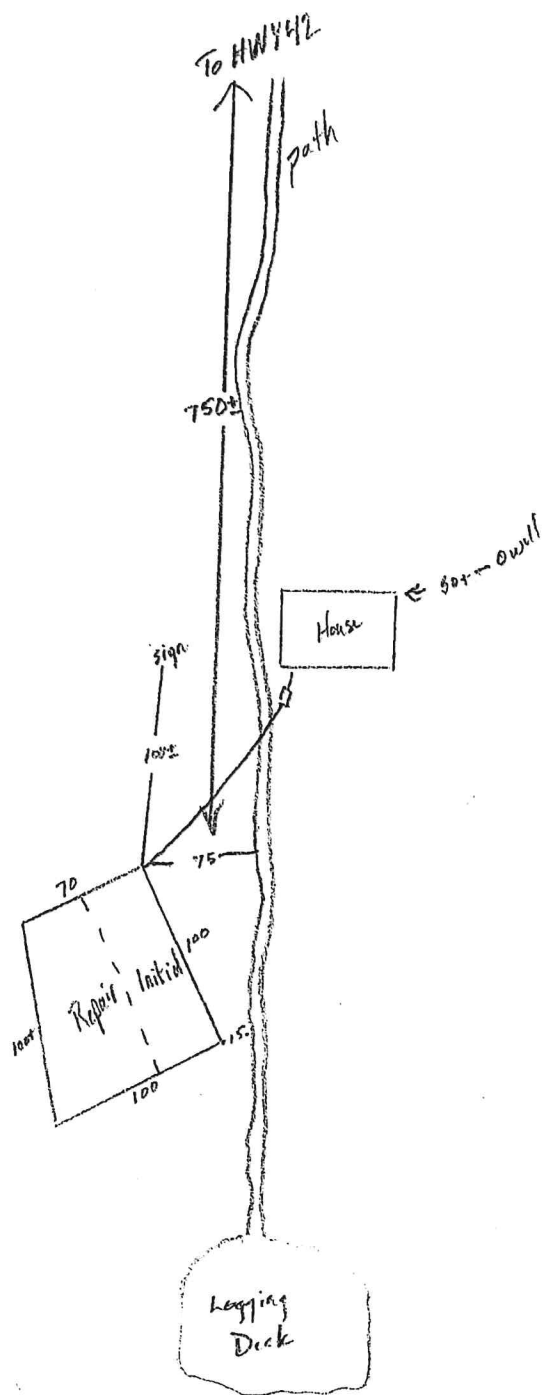
Date 10-28-05

911 Address

Est. of

William McAllister

Name



William McAllister Est.
10-28-05

Thomas J. Bayne R.S.