

**CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT**  
**DIVISION of ENVIRONMENTAL HEALTH**  
**SEWAGE DISPOSAL OPERATIONS PERMIT**

|  |                                |
|--|--------------------------------|
| Owner: <u>WILLIAM SPIEGEL</u>                                    | Date: <u>06/10/2019</u>        |
| 911 Address: <u>2850 Chicken Bridge Rd., Pittsboro, NC 27312</u> | Subdivision & Lot#: <u>N/A</u> |

Residential:  Non-Residential:  Parcel Number 1241

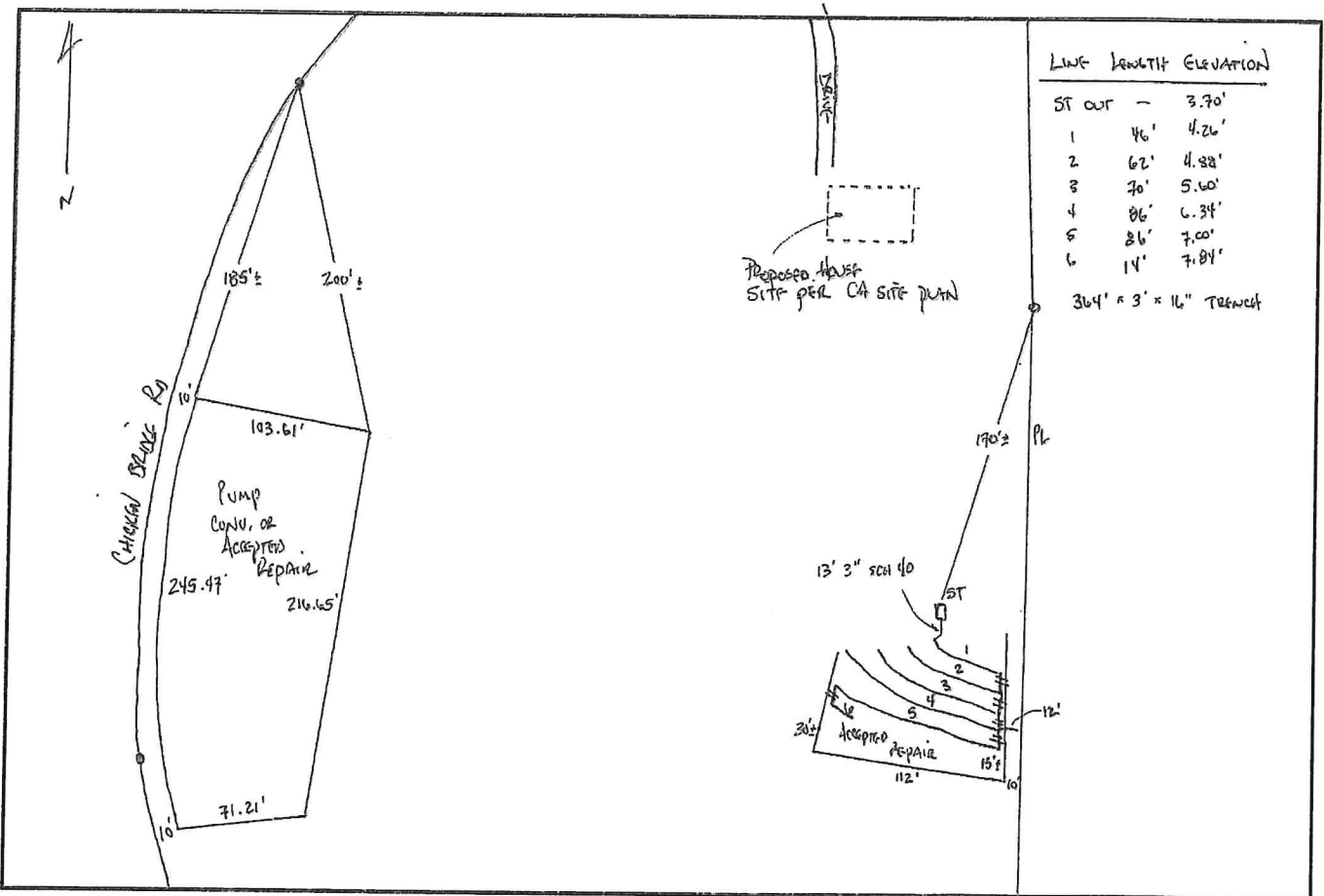
|  |                     |                                |
|--|---------------------|--------------------------------|
| Maximum Number of Bedrooms: <u>3</u>                                       | Max GPD: <u>360</u> | Other: <u>6 occupants max.</u> |
| Specific System Installed: <u>364' Infiltrator Quick-4 accepted trench</u> |                     |                                |

This permit authorizes the owner to operate the sewage disposal system in accordance with the state and local rules. The contents shall be pumped whenever the solids level is found to be 1/3 of the liquid depth in any compartment; approximately every 3 to 5 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.

**TYPE III-B, IV, V, VI SYSTEMS REQUIRE ROUTINE VISITS by the Chatham County Public Health Department and owners are required to pay an annual COUNTY MONITORING FEE. Type IV, V, & VI systems are required to have certified subsurface system operators monitor & maintain these systems at a frequency specified in RULE .1961, TABLE V(a). OPERATION PERMIT HOLDERS ARE RESPONSIBLE FOR NOTIFYING SUBSEQUENT OWNERS OF OPERATION PERMIT REQUIREMENTS.**

Type System: I  II  III  III-B  IV  V  VI  REHS James B. Tye, LEAS  
 Installer JIMMY STONE Certification #2911

This map is not a certified survey & has not been reviewed by a local government agency for compliance with any applicable land development regulations.



NAME: Spiegel

PARCEL # 1241

CHECKLIST

INT/DATE

ST CC40 72 S/C BTS-1200 SRB-106

6/4/19

PT N/A

One Piece - Two Piece -

Filter Paylox PL-60

Riser ✓

Drainfield 364' ACCEPTON

6/6/2019

Gravel TCHP IOAW EZ1203H

LDP8 LDP10 LPP Other

Pump N/A

Pump Demo

Distribution device

Alarm/Floats

Circuits

Cover ✓

Monitoring Fee N/A

Water Supply well

Vertical line with arrows at top and bottom, indicating a continuous record or check.



## Construction Authorization for Wastewater Systems

CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT  
DIVISION OF ENVIRONMENTAL HEALTH

80 EAST ST., P.O. BOX 130 - PITTSBORO, NC 27312-0130

PHONE 919-542-8208 / FAX 919-542-8288

[www.chathamnc.org/environmentalhealth](http://www.chathamnc.org/environmentalhealth)

Expiration Date: January 31, 2019

Permit Number: PREH201400051

New

Owner: SPIEGEL WILLIAM D

911 Address: 2850 CHICKEN BRIDGE RD, PITTSBORO, NC 27312

Parcel Number: 1241 Subdivision Name: Subdivision Lot:

- 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 NCOWCICB.
- 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:

- x Design capacity: Number of Bedrooms: 3 or 360 GPD.
- x System Type: II
- x Nitrification Line: Length 480 ft; Width 3 ft; Depth 16 in

Approximate contour in the the system area is shown on site plan. The installer must flag the system prior to installation to ensure proper grade.

- x Approximate system component locations shown on site plan; contractor must verify component locations prior to installation to assure proper fall from house to septic tank and from septic tank to approved system area.
- x Approved site plan attached.  
Site plan per Improvement Permit approved.  
System Type II.  
System types IIIb, 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 the issuance of the Operation Permit.**

Special Conditions: 1000 gal septic tank with riser and filter Additional soil cover may be required May use accepted system - 360 ft x 3 ft x 16 in

For new installations, the Operation Permit is required to be recorded at the Chatham County Register of Deeds Office prior to Environmental Health notifying Chatham County Building Inspections Department of Septic System Approval.

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 Terri Ritter

Registered Environmental Health Specialist

Date: Jan 31, 14

NORTH CAROLINA  
 PROFESSIONAL  
 LAND SURVEYOR  
 STATE NO. 138530  
 DANIEL RITCHIE

D. Daniel Ritchie

GRVEL  
 CANOE  
 PARKING  
 LOT @  
 CHICKEN  
 BRIDGE

PARTIAL BOUNDARY SURVEY  
 MADE TO LOCATE SEPTIC FIELDS  
 DOES NOT MEET GS 47-30.  
 R. RECORDATION, SALES OR  
 RANCE.

PB31-1

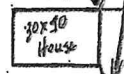
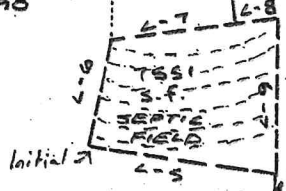
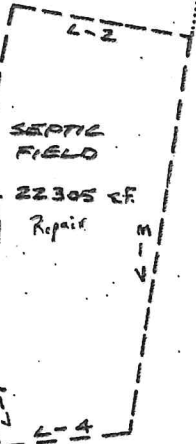
WYCSR 1545

R 458.20  
 L 393.69  
 L 1-1  
 L 1-2  
 L 1-3  
 L 1-4  
 N 86°16'00"E  
 10.18  
 367.14  
 N 14°25'37"W  
 328.13

4.382 AC.S  
ABOVE ELEV. 330

390'  
CONTOUR

5.085 AC.S  
BELOW ELEV. 390



S 88°55'38"W  
 10.00

LINE / CURVE DATA

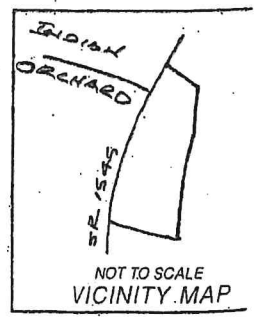
|     |                              |
|-----|------------------------------|
| L-1 | N 14°25'37"W, 37.89          |
| C-1 | R 448.20, L 207.58, C 205.73 |
| CB  | N 01°09'31"W                 |
| L-2 | S 77°53'25"E, 103.61         |
| L-3 | S 04°24'24"W, 216.65         |
| L-4 | S 86°16'00"W, 71.21          |

N 87°08'29"W  
 403.34

Bill Spiegel CA  
 1-31-14  
 Jerru Rutter  
 1"=100'

LINE DATA

|     |                   |
|-----|-------------------|
| L-5 | N 83°01'23"W, 113 |
| L-6 | N 14°07'48"E, 62  |
| L-7 | N 83°21'01"E, 78  |
| L-8 | N 73°49'39"E, 17  |
| L-9 | S 01°04'22"E, 88  |



NOT TO SCALE  
VICINITY MAP

— LEGEND —  
 — Lot Boundary Li  
 - - - - - Adjoining Lot Li  
 (Lines not Surv)  
 EIP Existing Iron Pipe

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

|                     |
|---------------------|
| File Name _____     |
| 911 Address _____   |
| Parcel Number _____ |

SEWAGE DISPOSAL CONSTRUCTION AUTHORIZATION

EXPIRATION DATE 9-5-12

New  Repair  Expansion

Owner Bill Spiegel  
Directions To Property 2850 Chicken Bridge Rd

- 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 \_\_\_\_\_.
- Approximate contour in system area is shown on site plan. The installer must flag the system prior to installation to ensure proper grade.
- Approximate system component locations shown on site plan, contractor must verify component locations prior to installation to assure proper fall from house to septic tank and from septic tank to approved system area.
- 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.*  
480' x 3' x 16" conventional  
360' x 3' x 16" Accepted

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. Baya R.S. Date 9-6-12  
Environmental Health Specialist

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

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Owner/Legal Representative

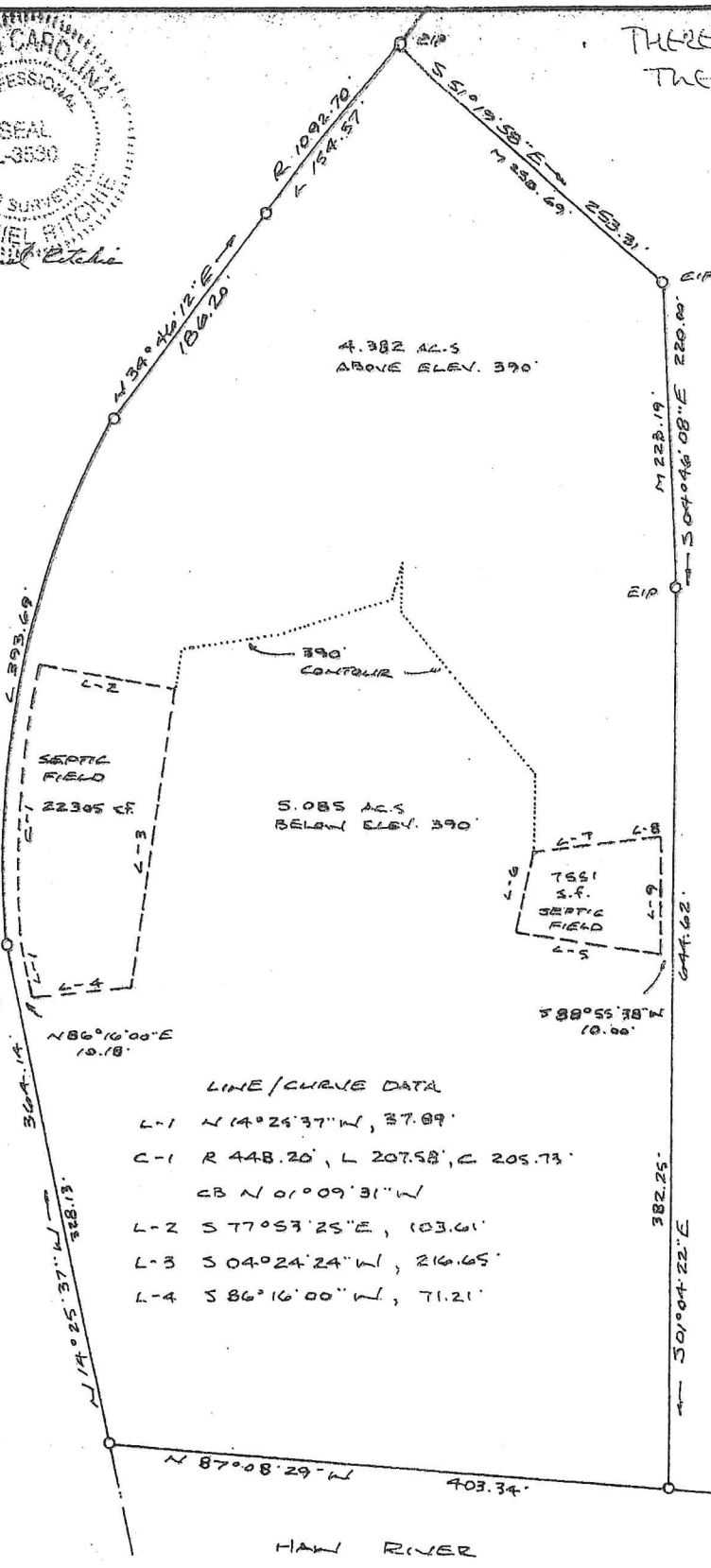


D. Daniel Ritchie

THERE'S A NOTE ON THE REVERSE SIDE N-F THOMAS SPIEGEL THANKS! TRACT 2 B.L.C. PB 31-1 SPIEGEL

GRAVEL CANOE PARKING LOT @ CHICKEN BRIDGE

NOTE: PARTIAL BOUNDARY SURVEY PERFORMED TO LOCATE SEPTIC FIELDS ONLY. DOES NOT MEET US AT-30. NOT FOR RECORDATION, SALES OR CONVEYANCE.

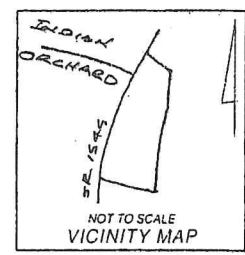


LINE DATA

|     |              |        |
|-----|--------------|--------|
| L-5 | N 83°01'23"W | 112.45 |
| L-6 | N 14°07'48"E | 62.77  |
| L-7 | N 83°21'01"E | 78.81  |
| L-8 | N 73°49'39"E | 17.16  |
| L-9 | S 01°04'22"E | 88.06  |

LINE / CURVE DATA

|     |                                 |        |
|-----|---------------------------------|--------|
| L-1 | N 14°24'37"W                    | 37.89  |
| C-1 | R 448.20', L 207.58', C 205.73' |        |
| CB  | N 01°09'31"W                    |        |
| L-2 | S 77°53'25"E                    | 103.61 |
| L-3 | S 04°24'24"W                    | 216.65 |
| L-4 | S 86°16'00"W                    | 71.21  |



- LEGEND ---
- Lot Boundary Line
  - - - Adjoining Lot Line (Lines not Surveyed)
  - EIP - Existing Iron Pipe
  - NIP - New Iron Pipe
  - EIS - Existing Iron Stake
  - PKN - P. K. Nail (Existing)
  - MBL - Min. Bldg. Line
  - NI - No Iron (Set or Found)
  - PC/PT - Point of Curve / Tangent



MAP OF PROPERTY OF  
WILLIAM SPIEGEL

9.467 ACRES ON NCSR 1545, BALDWIN TNSH., CHATHAM CO., NC

RITCHIE SURVEYING CO., 7704 LONGSTREET DR., RALEIGH, NC 27615

# 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

**OFFICE USE ONLY**

TPN \_\_\_\_\_  
Permit No. \_\_\_\_\_  
Date \_\_\_\_\_  
EHS \_\_\_\_\_  
System Type \_\_\_\_\_

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

NEW  REPAIR  EXPANSION

An Improvement Permit is issued to Bill Spiegel for  
a 9.467 acre site located on east side of Chickasaw Bridge Rd on the New River  
in Chatham County. It is specifically issued for the following facility:

Facility: Residential (X) Non-Residential ( )

No. Bedrooms 3 No. Residents/Employees 6 max

Type Wastewater: Residential (X) Commercial ( )

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

Description \_\_\_\_\_

Type System: Shallow Conventional (X) LPP ( )

Other \_\_\_\_\_

Design Flow 360 EPGD Application Rate .25 GPD/ft<sup>2</sup>

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

Nitrification Line (Length/Width/Max Depth) 480 x 3 x 16"

Additional soil cover may be needed to achieve final 6" of cover

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

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

Description pump to shallow conv.

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 [X] 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. Boyle R.S.  
Environmental Health Specialist

N.C. Registration Number 1353

Date 5-31-05

911 Address

Name Spiegel, Bill

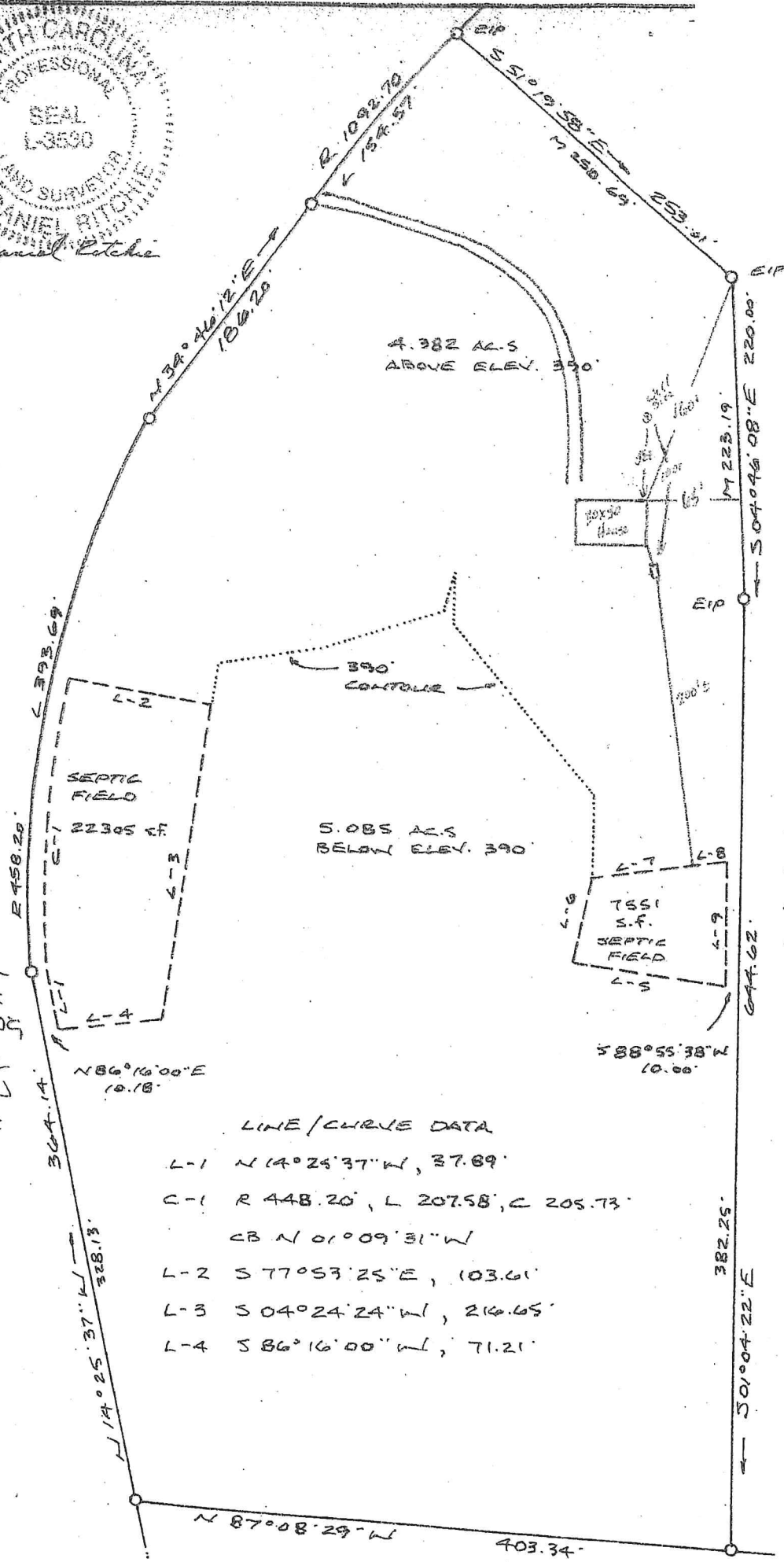
Name



D. Daniel Ritchie

GRAVEL  
CANOE  
PARKING  
LOT @  
CHICKEN  
BRIDGE

PARTIAL BOUNDARY SURVEY  
MADE TO LOCATE SEPTIC FIELDS  
SES NOT MEET CB AT 30'  
RECORDATION, SALES OR  
ANCE.



4.382 A.C.S  
ABOVE ELEV. 390'

5.085 A.C.S  
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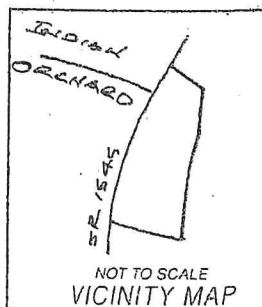
Bill Spiegel  
5-31-05  
1"=100'  
THRU 9 Bay R.S.

LINE DATA

|     |                      |
|-----|----------------------|
| L-5 | N 83° 01' 23" W, 112 |
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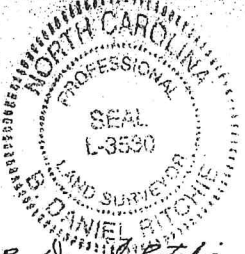
LINE / CURVE DATA

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- CB N 01° 09' 31" W
- L-2 S 77° 53' 25" E, 103.61'
- L-3 S 04° 24' 24" W, 216.65'
- L-4 S 86° 16' 00" W, 71.21'



— LEGEND —  
 — Lot Boundary Lin  
 - - - - - Adjoining Lot Lin  
 / / / / / Lines not Surveyed



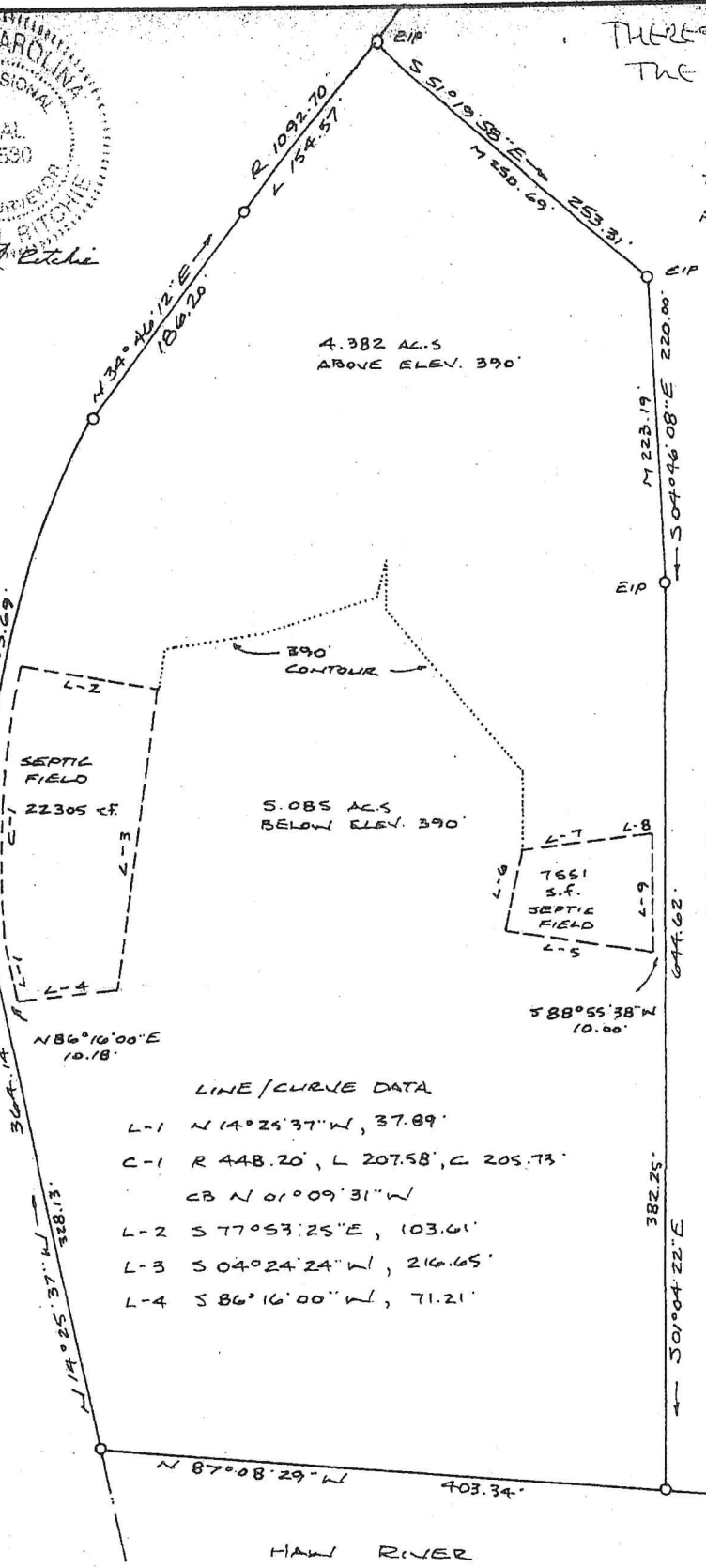


B. Daniel Ritchie

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4.382 AC'S ABOVE ELEV. 390'

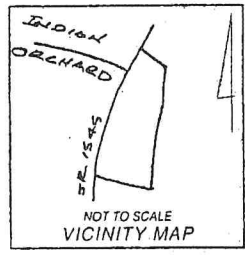
5.085 AC'S BELOW ELEV. 390'

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