

19809 STOUGH FARM RD

00141212

5/9/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3715 A DATE: 8/22/90

TC: 001 412 12 ☑ L ☐ CRT

SERIAL № 13546

Name of Owner William Kimbrough Juris.:

Address of Property 19809 Stough Farms Rd.

Inspection Data:

Tank Material PCC

Total Length of Drainfield 267' T&J (1 / 2nd)

Number of Lines 4 @ 3-80

Cover Depth 4'-6"

Water Supply Source P/well

Distance to Water Source >50

Excavation Inspected Y

Tank(s) Inspected Y, Y

Wash Line Inspected —

High Water Alarm Inspected installed

PLOT

Design: 1,500 ST, 1500 PT, P/, mod-T&J 5345 FT, 24" SAND, CECIL like CTR# 84

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☑ installed or constructed ☐ altered or repaired

☑ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this

☐ Certificate of Completion ☑ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 10 NCAC 10A .1900 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

COMMENTS: 4 bedrm. T&J panel installed according to submitted plans. (3) 2'x80'x24" sand, (1) 2'x27'x24" sand, Liberty pump.

Tim Whittaker, R.S.
Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

T & J

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

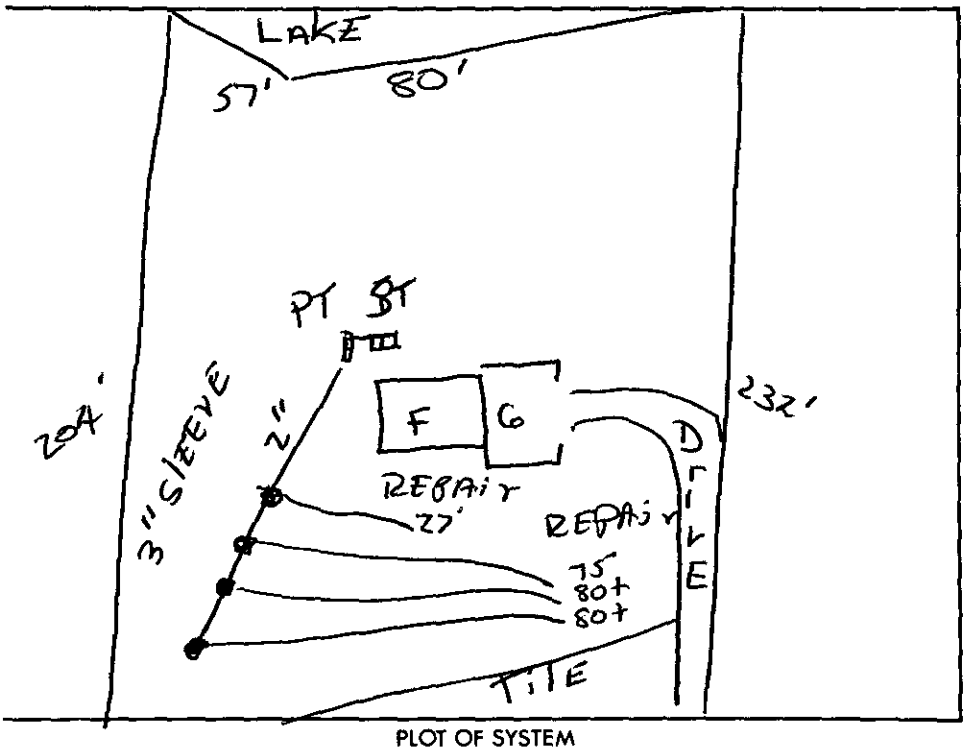
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3715-A DATE: 8/16/90

TC: 001 412 12 ☐ L

SERIAL Nº 14654

Permission is hereby given to ✓ Install or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 1/29/90. All work shall be completed on or before 9/16/90, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1,500 gallons

Liquid Capacity of Dosing Tank 1,500 gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 2' feet

Total Line Length 267 feet

Number of Lines 4 Rows

Depth of Stone SAND 24" inches

Distance from House 10 feet

Distance from Property Line 10 feet

Distance from Well >50 feet

NAME OF OWNER William Kimbrough

LOCATION OF PROPERTY 19809 Stough Farms Rd.

Comments: T & J panel for 4 bedrm. Install according to plans submitted. 3" sleeve on 2" service line. Lot 11

Division or Section Head

Tim Whittaker, R.S.
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Mecklenburg County Health Department in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER OR AGENT'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 5-17-90

Name/Company: Charlotte Building Group
Duncan Company

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: OP-19809 Stough Farm Rd
New - Modified

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID

MAY 17 1990

File # 37157
Cost # 1823

Fee: $ 100.00 $100.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Jackie Abernathy
Completed by

Collected by

COUNTY OF MECKLENBURG

REGISTER OF DEEDS
MECKLENBURG CO., N.C.

The undersigned, Russell J. & Cheria D. Shaw

owner of property located at 19809 Stough Farm Road, Davidson, NC

("the site") and described in an instrument recorded in Book 18 at Page 33, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

The undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

This 17th day of May, 1990.

Cheria D. Shaw (SEAL)

Russell J. Shaw (SEAL)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Rachael E Earley (Thompson), a Notary Public for said County and State, do hereby certify that Russell J. Shaw & Cheria D Shaw personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 17th day of May, 1990.

Rachael E. Earley (Thompson)
Notary Public

My Commission Expires 1/12/93

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____, sealed with its corporate

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
SEP 24 1990
ENVIRONMENTAL HEALTH
DIVISION

(OFFICE USE ONLY)
FILE: 3715A
TC:
SERIAL: № 14567
☑ L ☑ CRT

JOB LOCATION

① ADDRESS: 19809 STOUGH FARM ROAD (STREET NO. / STREET) ② FILE: 3715 A
③ JURISDICTION: ④ TAX PARCEL NO.: 001-412-12
⑤ SUBDIVISION: PATRICK'S PURCHASE PHASE I ⑥ LOT: 11 ⑦ BLOCK:

OWNER

⑧ NAME: ~~STOUGH FARMS TRUST~~ (FIRST) RUSSELL (MIDDLE) S (LAST) SHAW NEW OWNER DSC 5/17/90
⑨ MAILING ADDRESS: ~~P.O. BOX 31146~~ 3403 POCHARD COURT C/O RACHAEL THOMPSON
⑩ CITY: CHARLOTTE ⑪ STATE: N.C. ⑫ ZIP: ~~28231~~ 28213
⑬ PHONE: (WORK) 334-5494 ⑭ (HOME) 892-3224

REQUEST

This request is for a(n):

⑮ ☑ New permit
⑯ ☐ Repair or alteration permit
⑰ ☐ Authorization for mobile home exchange
⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home
㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 3
㉕ Type?
㉓ Maximum occupancy? 4
㉖ Maximum number of employees?
㉔ Basement? ☑ yes ☐ no
㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☑ Individual well
B ☐ Municipal system
C ☐ Community well
D ☐ Community system

㉙ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Richard J. Klein David S. Shaw
Date: 9/23/89 5/17/90

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

. . . No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair permit is issued by this Department.

. . . This permit is not transferable, and shall become null and void 36 months from the date of issuance.

Suitable Area Found
For Septic Approval
5-18-90

Environmentalist / Date

Director or Authorized Section Head / Date

*This permit must be signed by the Director of Environmental Health or an authorized section head in order to be valid.

Mecklenburg County
Health Department

May 16th, 1990

Albert Miller
2401 Belmeade Drive
Charlotte, NC 28214

RE: Property located at Belmeade Drive
FILE: 6739A
PARCEL: 0531105

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 17908) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Very truly yours,

Gene Vaughan

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure (2)

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 17908

File: 6739A Action 2

Parcel: PO 053-011-05 ☐ PC

Location:

Subdivision:

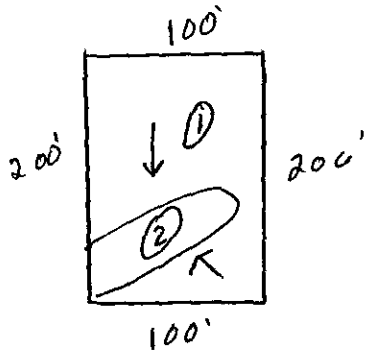
Lot: Block: Acres: .46

Owner:
Address:

Comments: 100% Repair

Described by: William A. Marlin

Date: 5-15-90



☐ ← Existing House

Belmeade Dr

***** EVALUATION KEY *****
S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-8%	S PS (U) Depression	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) 2-1 clay	S PS U —	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Block	S PS U —	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U 7-36" To water	S PS U —	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 20-36"	S PS U —	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 7-36"	S PS U —	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U limited	S PS U —	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series Expansive	Enon-Like clay	Depression				
Area Classification	S PS (U)	S PS (U)	S PS U	S PS U	S PS U	S PS U

PRESENTED FOR REGISTRATION

90 APR 30 PM 4:09

ANNE A. POWERS
REGISTER OF DEEDS
MECKLENBURG CO., N.C.

000491

FILE NO. 3715A

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION OF SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

The undersigned, Russell J. Shaw and wife, Cheria D. Shaw

owner of property located at 19809 Stough Farms Road, Huntersville, NC 28078

("the site") and described in an instrument recorded in Book 6224 at Page 897, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

The undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

This 9th day of March, 19 90.

REAL ESTATE BOOK 6262 PAG 055

06/06/90 UUU 5459# 82.42

UU 3 HE
UU 3
UU 3 FEE

Russell J. Shaw (SEAL)
Russell J. Shaw

Cheria D. Shaw (SEAL)
Cheria D. Shaw

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Ruth Ann L. Doster, a Notary Public for said County and State, do hereby certify that Russell J. Shaw and wife, Cheria D. Shaw personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 9th day of March, 19 90.

Ruth Ann L. Doster
Notary Public

My Commission Expires: 6-21-90

Drawn by Mecklenburg County Health Dept. - ~~Mail to Wray~~, Layton, Cannon, Parker & Jernigan (Box #81)

Return to

REAL ESTATE
BOOK PAGE
6262 0552

State of North Carolina, County of Mecklenburg
The foregoing Certificate(s) of Ruth Ann L. Doster

Notary(ies) Public is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

ANNE A. POWERS, REGISTER OF DEEDS

By Amy K Privett Deputy - Register of Deeds

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 4/26/90

Name/Company: Hugh Farris Farm Limited Partnership

RUSSELL S S
3400 POCHARD

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: MS - new
3715A

MECKLENBURG
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
APR 26 1990

Fee: $ 100.00

cor # 1116
$100.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by

Collected by

N. Ishee

Mecklenburg County
Health Department

February 26, 1990

William Ardrey Kimbrough
19529 Weaver's Circle
Huntersville, NC 28078

RE: Property located at 19809 Stough Farms Rd.
FILE: 3715A
PARCEL: 001-412-12

Gentlemen:

Receipt of your plans for a modified waste disposal system for the property referenced above is acknowledged.

Your plans for the modified system for the above property as submitted are approved with the following comments:

- The well should be located 100 feet or no less than 50 feet away from any part of the sewage disposal system and repair area.
- Water saving plumbing devices and low flush toilets must be installed when constructing the residence.
- Occupants to utilize maximum water conservation measures wherever possible.
- Effectively rake and lime all trench sidewalls

Upon execution and recording with the Register of Deeds Office, Mecklenburg County, of the enclosed "Septic Tank Agreement Form", an Improvements Permit may be issued by this office.

Sincerely,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

GV/kat

Enclosures - 3 Septic Tank Agreement Forms

Speed Message

To GENE VAUGHN

From WILLIAM KIM BROUGH
STOUGH FARMS
19529 WEAVERS CIRCLE
HUNTERSVILLE, N.C 28078
892 3683

Subject

Date 4-25-90 19

FILE # ~~5700A~~, ~~5836A~~, ~~5068A~~, 5068A, ~~2894A~~, 5067A @ $100.00 ea = $600.00

FILE # 5837A @ $100.00 ea = $100.00

TOTAL $700.00

FILE # 3715A HAS BEEN SOLD ($100.00 PAID)

CORRECTED MAP AND ADDITIONAL $ 100.00 PER LOT IS ENCLOSED

THANKS FOR YOUR HELP

PLEASE ADVISE OF ANY ADDITIONAL REQUIREMENTS

Signed William A. Kimbrough

WilsonJones
GRAYLINE FORM 44-911 3-PART
©1983 • PRINTED IN U.S.A.

BURG COUNTY HEALTH DEPARTMENT
IRONMENTAL HEALTH DIVISION

CHARGE SLIP

1/30/90
Stough Farms Development Co

Sanitation _____

Vector Control _____

O.P.W.D. _____

imp new (modified)
(6) @ $100.00 each
~~5700A~~, ~~5836A~~, ~~5069A~~,
~~5068A~~, ~~2494A~~, 5067A

NITY
NT
DIVISION

600.00 CD

ck # 1088
$600.00

NOTICE:

essing fee of $15.00 will be charged for all
ed checks in accordance with N.C. General
25-3-512.

Collected by

MECKLENBURG COUNTY HEALTH DEPAR
ENVIRONMENTAL HEALTH DIVISIO

CHARGE SLIP

Date: 1/30/90

Name/Company: Stough Farms Dev
Limited
Pa

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: imp/new (mod
2 @ $100.00 ea
5837A (3715A

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID

Holds
for Sagem
ck #
$

Fee JAN 30 1990 200.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by

Collected by

100% Perc

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 3715A
TC:
SERIAL: № 20442

See ~~3715A~~ 58374

~~PL~~ CRT

JOB LOCATION

① ADDRESS: 19809 (STREET NO.) STOUGH FARMS RD (STREET) ② FILE: 3715 A

③ JURISDICTION: ④ TAX PARCEL NO.: 001 412 12

⑤ SUBDIVISION: PATRICKS PURCHASE ⑥ LOT: 11 ⑦ BLOCK:

OWNER

STOUGH FARM FAMILY LIMITED PARTNERSHIP

⑧ NAME: WILLIAM (FIRST) AUDREY (MIDDLE) KIMBROUGH (LAST)

⑨ MAILING ADDRESS: 19529 WEAVERS CIRCLE

⑩ CITY: HUNTERSVILLE ⑪ STATE: N.C ⑫ ZIP: 28078

⑬ PHONE: (WORK) 892 3683 ⑭ (HOME) 892 3683

REQUEST

This request is for a(n):

⑮ ☒ New permit

⑯ ☐ Repair or alteration permit

⑰ ☐ Authorization for mobile home exchange

⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home

㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 4

㉕ Type?

㉓ Maximum occupancy?

㉖ Maximum number of employees?

㉔ Basement? ☐ yes ☐ no

㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☒ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: William A. Kimbrough

Date: 01-29-90

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

... No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair permit is issued by this Department.

... This permit is not transferable, and shall become null and void 36 months from the date of issuance.

Environmentalist Date

Director or Authorized Section Head 6-1-90 Date

*This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

Error on agreement for owner to get in touch with Register of Deeds & let us know -

Hold Till we hear!

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 1/30/90

Name/Company: Stough Farms Family Limited Partnership

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Upgrade/new (modified)
2 @ $100.00 each
5837A; 3715A

COUNTY
TMENT
ALTH DIVISION
ENVIRO...
PAID
JAN 30 1990

Fee: 200.00 cash #1088 $200.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by

Collected by

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)

FILE: 3715 A

TC: _____

SERIAL: 20142 ☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 19809 (STREET NO.) STOUGH FARMS RD (STREET) ② FILE: 3715 A

③ JURISDICTION: _____ ④ TAX PARCEL NO.: 001 412 12

⑤ SUBDIVISION: PATRICKS PURCHASE ⑥ LOT: 11 ⑦ BLOCK: _____

OWNER

STOUGH FARM FAMILY LIMITED PARTNERSHIP

⑧ NAME: WILLIAM (FIRST) AUDREY (MIDDLE) KIMBROUGH (LAST)

⑨ MAILING ADDRESS: 19529 WEHUIERS CIRCLE

⑩ CITY: HUNTERSVILLE ⑪ STATE: N.C ⑫ ZIP: 28078

⑬ PHONE: (WORK) 892 3683 ⑭ (HOME) 892 3683

REQUEST

This request is for a(n):

⑮ ☒ New permit

⑯ ☐ Repair or alteration permit

⑰ ☐ Authorization for mobile home exchange

⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 4 ㉕ Type? _____

㉓ Maximum occupancy? _____ ㉖ Maximum number of employees? _____

㉔ Basement? ☐ yes ☐ no ㉗ Maximum number of seats? _____

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☒ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: William A. Kimbrough

Date: 01-29-90

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

... No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair permit is issued by this Department.

... This permit is not transferable, and shall become null and void 36 months from the date of issuance.

_____ / _____

Environmentalist Date

_____ / _____

Director or Authorized Section Head Date

*This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

INSTRUCTIONS

PLEASE PRINT OR TYPE ALL REQUESTED INFORMATION

ITEM(S) ....INSTRUCTIONS

① .....Indicate location of property for which the request is being made. Give **street number** and street or road name. If you do not know the street number, you must contact the Mecklenburg County Engineering Department to have one assigned.

② .....If a soil investigation has been run, copy the file number from the report. This may appear as SIR, ICAR(S) or APT numbers on older reports.

③ .....Indicate the jurisdiction in which the property is located. The jurisdiction is assigned by County Engineering.

④ .....Indicate the tax account or parcel number for the property (example 000-000-00). If the property is comprised of a portion of a large tract, precede the parcel number with the letters "PO."

⑤-⑦ .....Indicate the subdivision name and the lot and block numbers in the subdivision if applicable.

⑧-⑭ .....Indicate, in the requested format, the information as it pertains to the person to whom the permit should be issued.

⑮-⑱ .....Indicate the purpose of the request by placing an "X" in the appropriate box.

⑲-㉑ .....Indicate the type structure the system will serve by placing an "X" in the appropriate box.

- Residence means a single or multi-family dwelling (duplex, apartment, hotel, motel) or any other place where people reside.
- Mobile home means a trailer used as a residence that is designed without a permanent foundation and is capable of being moved to another location.
- Business or place of public assembly means non-residential use of buildings such as manufacturing, office space, warehousing operations, place of amusement or recreation, church, fairground, stadium, campground or any other place where people work or assemble.

㉒-㉔ .....If the system will serve a residence or a mobile home, indicate the number of bedrooms, the maximum occupancy of the residence and whether or not the structure will have a basement. When calculating the number of bedrooms include all rooms which are intended to be used as bedrooms or might later be furnished or converted to bedroom use and any additional bedrooms to be constructed in the future.

㉕-㉗ .....If the system will serve a business, indicate the type business, the maximum number of employees and the maximum number of seats to be provided. Include in these figures projections for future expansions.

㉘ .....Indicate the type water supply by placing an "X" in the appropriate box.

- Individual well means a well located on the lot, serving a building occupied by only one family or one business establishment and will not be a public place, a place of public gathering, or business which processes or manufactures any product which is used as, or is used in a food product.
- Municipal system means a water supply furnished by a city, county, town or other governmental authority.
- Community well means a privately owned water system originating from a well source.
- Community system means a privately owned water system originating from a source other than a well.

㉙ .....Once you have completed the application, read the certification statement in the lower, left hand corner. The statement must be signed, dated, and returned to the Department along with a Proposed Plot Plan and a copy of the Engineering Address Record prior to the issuance of any permits. **IN ORDER FOR YOU TO RECEIVE A COPY OF THE COMPLETED PERMIT FOR CONSTRUCTION, ALL COPIES OF THIS FORM MUST BE RETURNED TO THE ADDRESS LISTED ON THE FRONT OF THE APPLICATION.**

RECOMMENDED INDIVIDUAL RESIDENCE

T & J PANEL

GROUND ABSORPTION, WASTEWATER

DISPOSAL SYSTEM

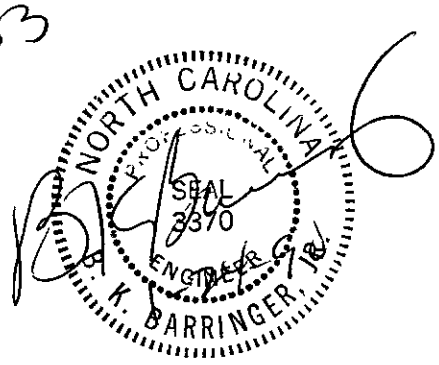
for

WILLIAM KIMBROUGH
STOUGH FARM ROAD - LOT 11
FILE NO. 3715A - PARCEL 001-412-12
MECKLENBURG COUNTY, N.C.
19809 STOUGH FARMS RD
JANUARY 24, 1990

892-3683

Owner:
William Kimbrough
19529 Weavers Circle
Huntersville, N.C. 28028

Prepared By:
B. K. Barringer, Jr., P.E.
N. C. Registration No. 3370
104 Westfield Center
Mooresville, N. C. 28115
Phone (704)664-7888
Fax (704)664-1778



T & J PANEL SYSTEM

DESIGN CONSIDERATIONS:

PROPOSED FOUR BEDROOM HOME with two baths and a washing machine. The unit will be serviced by a water well located a minimum of 50' from the septic tanks.

LOCATION: The property is located on Stough Farm Road, off Meta Road and north of Jetton Road. The proposed field is located to the north of the proposed house location.

TERRAIN The property, where the field is to be located, slopes north to south at approximately 9%.

REFERENCE MATERIAL:

(1) DESIGN AND INSTALLATION (Manual)
OF LOW PRESSURE PIPE WASTE WATER TREATMENT SYSTEMS
By: Craig Cogger; Bobby L. Carlisle; Dennis Osborne; Ed Holland
Published by: UNC Sea Grant College Pub. UNC-SC-82-03
May, 1982.

(2) LAWS AND RULES FOR GROUND ABSORPTION SEWAGE DISPOSAL SYSTEMS.
SECTION .1956 OF THE N.C. Administrative Code: Title 10 Health Services; Environmental Health; Subchapter 10a; Sanitation.
Published by: N.C. Dept. of Human Resources; July 1, 1982.
Paragraph .1956 (a)(ii)(B).

(3) EPA 625/1-80-012 Design Manual
Onsite Wastewater Treatment and Disposal System Oct.,1980;
Chapter 7.

RECOMMENDATIONS: Due to shallow soil depth, sloping lot, and limited area, a precast porous block panel system (PPBPS) - T & J - is recommended for the location.

AVAILABLE SPACE: This property qualifies under Rule 10NCAC 10A.1945. Available space is not required.

OWNERSHIP RESPONSIBILITY:

It must be kept in mind that this system is designed to accept a moderate amount of waste water (which is called the EFFLUENT), in a minimal water absorbing soil.

Conservation measures must be undertaken by all members of the house hold to minimize the volume of waste water entering the disposal system, including, but not limited to, the following precautions:

(a) Provide water conserving plumbing fixtures within the facility; toilets shall be equal to Eljer "Ultra-One/G" or Sloan's "Flushmate".

(b) Develop conservative water use habits;

(c) Monitor and maintain the system as necessary for proper operation;

(d) Check and pump the septic tank sludge on a regular basis of approximately every year if garbage disposal is included in the residence, or approximately every three years otherwise.

(e) Make rapid repairs to leaking plumbing fixtures and faucets.

(f) Avoid excessive watering of the lawn in the vicinity of the disposal field.

CONSTRUCTION SEQUENCE AND COMPONENTS OF THE SYSTEM

Refer to T & J Panel System's manufacturing and installment manual. Furnish and install all items required for a complete system in accordance with plans and specifications; for requirements of the County Dept. of Environmental Health (CDEH); the N. C. Dept. of Environmental Health (NCDEH); the N. C. Building Code, Plumbing Code and Electrical Code; and the National Electric Code. System must be properly installed by a qualified, competent contractor.

COMPONENTS OF SYSTEM

1. Two compartment septic tank
2. Pumping chamber
3. Submersible effluent pump and level controls
4. High water alarm signals (audible and visible)
5. Supply pipe
6. Ball valves
7. T & J 16" high panels & distribution laterals
8. Check valve

CONSTRUCTION SEQUENCE:

(1) Lay out T & J, 16" high, Panel System network area and repair area with stakes and flagging to ten feet (minimum) beyond the limits of the network. As soon as the absorption area is designated, it should be flagged, roped off and isolated from construction traffic. This barrier should be maintained until the system is accepted by the Owner. Refer to site plan for the size of absorption area. The Engineer has previously flagged the general limits of the nitrification field. See site plans for flag locations.

(2) Prior to actually beginning construction of the system, carefully locate, lay out and identify disposal site, manifolds and the lateral panel piping networks, using a tripod mounted engineer's leveling instrument to accurately establish each lateral along a level contour. Note: Lateral panel runs which conflict with cut-off-in-place stumps or trees shall "snake" by with a 12" minimum trench clearance and then continue along its projection run. (The 6' minimum trench separation must be maintained.)

(3) Excavate for and construct curtain drain (if shown on the plan.)

(4) Excavate lateral network trenches 24" wide by 28" deep (see detail). Remove loose soil from bottom of trench.

(5) Install sand in bottom of the lateral trench to the proper depth of approximately 22" below finish ground level.

(6) Follow the manufacturer's guidelines for installing the T & J Panel System.

(7) All joints in lateral and the manifold piping shall be water tight connections to insure that the only source of the water seepage from the system is through the orifices as designed. See layout and details. Carefully install manifold and lateral network according to the attached designed layout. A larger diameter protective sleeve with cap or approved box with lid shall be placed over the turned up lateral and positioned level with the ground surface (so as not to be damaged by mowing machine.)

(8) Carefully backfill manifold trenches to finish grade with clean (debris free earth (no stone).

(9) Leave absorption area with a raked surface, ready for grassing.

(10) The installation contractor shall stabilize the area of construction by planting and seeding with Kentucky 31 tall fescue and shall keep the planted area watered and mulched until such time that a hardy stand of grass is established. (See Seeding Specification.)

(11) The septic tank shall consist of a 1,500 gallon capacity, reinforced, precast concrete tank with full baffle and shall have easy access to each chamber from ground level for checking and pumping. The first chamber of the septic tank shall consist 2/3 to 3/4 of the volume of the total tank and the baffle shall contain a horizontal opening across the tank at about midway its height. Locate the septic tank at such height as to provide approximately 8" of cover soil over top of the tank.

(12) The dosing tank shall consist of a 1,000 gallon capacity, reinforced, precast concrete tank without baffle and shall have a concrete mounting pad (concrete blocks) for accommodating the pump. Provide access for entry into the tank directly over the pump location, and extending 6" above final grade. Use a 30" diameter concrete well casing and concrete well cap.

(13) All piping and fittings shall be PR160 PVC. Glue for all PVC pipe joints shall be as recommended by the pipe manufacturer.

(14) PUMP: The submerged pump shall be Model WHRH5 manufactured by F.E.Meyers Co., Ashland, OH, or equal, 1/2 hp, 115v/1ph; capable of pumping 30.0 gallons per minute at an 28.6' head.

(15) PUMP ON-OFF water level control switch shall by Myers, Model MLC-20, mercury switch, with three prong, piggy back plug.

(16) HIGH WATER ALARM SWITCH shall be equal to Myers, model FLCA-30, mercury switch, red colored ball with support bracket.

(17) HIGH WATER ALARM CONTROL BOX shall be equal to Myers, model FLCA CA-SS4 with connection box having buzzer alarm, on, off, test switch with terminal block for all connections. Control box shall be supplied by two separate 115 volt circuits, one plug circuit, and one alarm circuit.

(18) A "HOME OWNER'S WARNING SIGN" shall be located within the house to inform the owner of what action to take in case the "High Water Alarm" is activated. This sign shall contain the name, address, telephone number, and emergency telephone number of the person to contract immediately upon malfunction of the system.

(19) PUMP AND CONTROLS: Details of pump installation are shown on the plan. The pump must be placed on two concrete blocks next to each other on the bottom of the tank. This prevents the pumping of any solid particles which can clog the LPP system. A piece of nylon rope or other non corrodible material should be attached to the pump and to the outlet pipe for lifting the pump in and out of the chamber. (The PVC outlet pipe is too fragile to support the pump.)

Controls are fastened to the outlet pipe with clamps or brackets supplied by the manufacturer. The lower level control or "pump-off" must be positioned above the pump, so that the pump remains submerged at all times. The upper level control "pump-on" is positioned to pump a specified volume of effluent. The high water control float is then mounted about 3" above the upper pump-on control. (Note: Care must be taken to insure that floats do not become fouled by other components in the tank such as the electric power cord or the lifting rope.)

The pump outlet pipe should be connected to the supply manifold with a threaded PVC union (or dresser coupling) to allow quick removal. The gate valve must also be installed in the supply line (within the pump-chamber) to allow final adjustment of the pressure. If effluent will be pumped down hill, a 1/4" siphon-breaker hole must be drilled in the bottom of the supply line before it leaves the pump tank. This breaks any vacuum in the system and prevents the inadvertent siphoning of effluent out of the tank. This hole is very important.

(20) ELECTRICAL CONNECTIONS: The pump and high water alarm must be placed on separate electrical circuits. (If the pump circuit fails, the alarm must still be able to operate.) Follow the manufacturers' recommendations for the proper fuses or circuit-breakers. All electrical connections must be made outside the pumping chamber. Power cords from the pumps and controls should be plugged into a NEMA approved outdoor receptacle mounted outside of the pumping chamber. The receptacle must not be located inside the pumping chamber due to the corrosive and explosive gasses that may form from the sewage.

Electrical connections may be made inside the pumping tank only if wired inside a sealed, water tight box. Some level control switches have a box built into the housing, but are more expensive than the plug-in devices.

Wiring between the pumping chamber and the house should meet State and local code requirements. A lightning arrester is recommended to protect the pump and controls from electrical surges.

(21) PROPER OPERATION CHECK: After all components have been installed and connected, the system should be checked for proper operation. With electrical power turned off, fill the pumping chamber with water from a garden hose (or allow effluent to accumulate) until the liquid rises to the level of the high-water alarm float. Turn on the electrical power. The alarm light should go on in the house, and the pump should start operating. The alarm light should go off when the liquid level falls below the high-water float. The pump should turn off when the liquid reaches the lowest float control. Be sure the pump is still completely submerged.

(22) PRESSURE HEAD ADJUSTMENT: The pressure head must be adjusted to match that specified in the design. The pressure head is measured as the height liquid will rise above the turn-up elbow when the pump is running. To adjust the head:

(a) Glue a 4' length of pipe (preferably clear) to a threaded adapter that will screw onto the turn-up adapters. (Call this the "test tube".)

(b) Replace the turn-up cap with the "test tube".

(c) Turn the power on to allow liquid to rise in the "test tube".

(d) Adjust the ball valve beginning at the end of each lateral until the effluent reaches the desired height in the "test tube". Remember to include the distance below the ground surface to the lateral line when measuring the height. The pressure head should be 3' for each line. This is the height above the lateral the liquid should be in the temporary "test tube". Continue to adjust valves until all test tubes have an equal amount of liquid.

(23) FINAL LANDSCAPING: After the T & J System is installed, the following should be checked to insure that the system will not be over-loaded with excess rain water and run off:

(a) The distribution field is shaped to shed rain water and is free of low area.

(b) Gutter and downspout drains are directed away from the system.

Any problems should be corrected before approving the system.

Finally, the entire area should be planted with grass according to specifications.

DESIGN SPECIFICATIONS - T & J PANEL SYSTEM
William Kimbrough - Lot 11 Mary Ardrey Cir.
Mecklenburg County January 24, 1990

Daily design waste flow:	480 gpd
Septic tank size:	1,500 gal. (2 compartment)
Pumping tank size:	1,000 gal.
Effluent loading rate:	0.30 gpd/sf
Total linear feet and diameter of laterals	267 ft. of 1-1/4" dia. PVC and T & J 16" high panels
Total length and diameter of supply manifold:	115 lf - 1.5" dia. PVC
Number and length of laterals:	3 laterals at 80 lf 1 lateral at 27 lf total
Number of panels:	60
Hole size:	5/32"
Hole spacing:	1 hole per panel
Total number of holes:	60
Flow rate through the system:	30.0 gpm
Elevation head (pump to end of manifold):	18'
Pressure head:	3'
Friction head:	7.6'
Total head:	28.6'
Pump requirements:	30.0 gpm at 28.6'; use Myers 1/2 hp WHRH5 pump
Dosing volume:	216 gal.
Depth of water pumped per dose:	9.9"
Pump run per dose:	7.2 min.
Check valve:	yes
Syphon break hole:	no

2-6-90

Agenda Mark Calculate

Modifications

No Easement needed

2-14-90

Legal ok

SEEDING SPECIFICATIONS

3:1 SLOPES OR FLATTER

1. Apply agricultural lime at the rate of 30 lbs/1000 sf.
2. Apply 10-10-10 commercial fertilizer at the rate of 20 lb/1000 sf.
3. Seed in accordance with the following schedule & application rate:

DATE	TYPE	PLANTING RATE
8/15 - 11/1	Tall Fescue	200 lb/ac or 7 lb/1000 sf
11/1 - 3/1*	Tall Fescue and	200 lb/ac or 7 lb/1000 sf
	Abruzzi Rye	25 lb/ac or 1/2 lb/1000 sf
3/1 - 4/15	Tall Fescue	200 lb/ac or 7 lb/1000 sf
4/15 - 7/30	Mulled Common or Bermuda Grass	30 lb/ac or 1 lb/1000 sf
7/15 - 8/15	Tall Fescue and	200 lb/ac or 7 lb/1000 sf
	Browntop Millet or	35 lb/ac or 7/8 lb/1000 sf
	Sorghum-Sudan Hybrids	30 lb/ac or 3/4 lb/1000 sf

4. Mulch with straw applied at the rate of 75-100 lb/1000 sf.
* Heavily mulched during January - March period.

SLOPES GREATER THAN 3:1 TO 2:1 SLOPES

1. Apply agricultural lime at the rate of 50 lb/1000 sf.
2. Apply 10-10-10 commercial fertilizer at the rate of 20 lb/1000 sf.
3. Seed in accordance with the following schedule & application rate:

DATE	TYPE	PLANTING RATE
3/1 - 6/1	Sericea Lespediza (scarified) and	50 lb/ac or 11 lb/1000 sf
3 - 4	Add Tall Fescue	150 lb/ac or 3-1/2 lb/1000 sf
	or	
3 - 6	Add Weeping Lovegrass	5 lb/ac or 1/8 lb/1000 sf
6 - 9/1**	Tall Fescue and	60 lb/ac or 1-1/2 lb/1000 sf
	Brown Top Millet	35 lb/ac or 7/8 lb/1000 sf
	or Sorghum	30 lb/ac o 3/4 lb/1000 sf
	Sudan Hybrids	
9 - 3/1	Sericea Lespediza (unhulled-unscarified)	70 lb/ac or 1-3/4 lb/1000 sf
	Tall Fescue	150 lb/ac or 3-1/2 lb/1000 sf
	Millet or Sudan	20 lb/ac or 1/2 lb/1000 sf

** Temporary - Reseed September 1 at recommended rates.
4. Mulch with 3" straw applied at the rate of 50-90 lb/1000 sf and anchor with asphalt emulsion tack coat applied at the rate of 14-28 gal/1000 sf or 800-1200 gal/ac.

MECKLENBURG COUNTY
Department of Environmental Health

Joe Kaylor
Pete Dennis Downing
John Hyde
332 8766
S7R 11

July 31st, 1987

Mr. Richard J. Kline
Stough Farms Trust
Box 1797
Davidson, NC 28036

RE: Property located at Stough Farm Road 11/A
FILE: 3715A
PARCEL: 00141212

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 14444) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Sincerely,

Sylvia D. Daniel
Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

Enclosure (2)

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 14444

File: 3715A Action 2

Parcel: 00141212

Location: Stough Farm Road

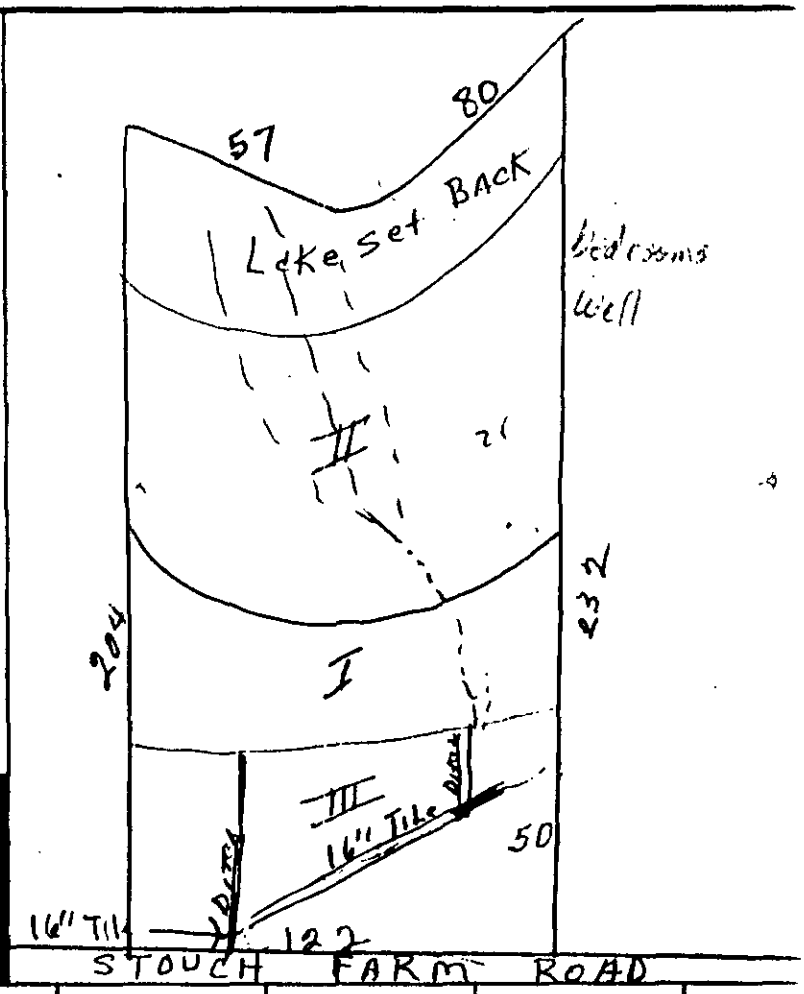
Subdivision:

Lot: 11/A Block: Acres: .60

Owner: Stough Farms Trust
Address: Box 1797
Davidson, NC 28036

Comments: * Drainage From Rd Ditch
Spread over Lot
* Lift Station Maybe Required

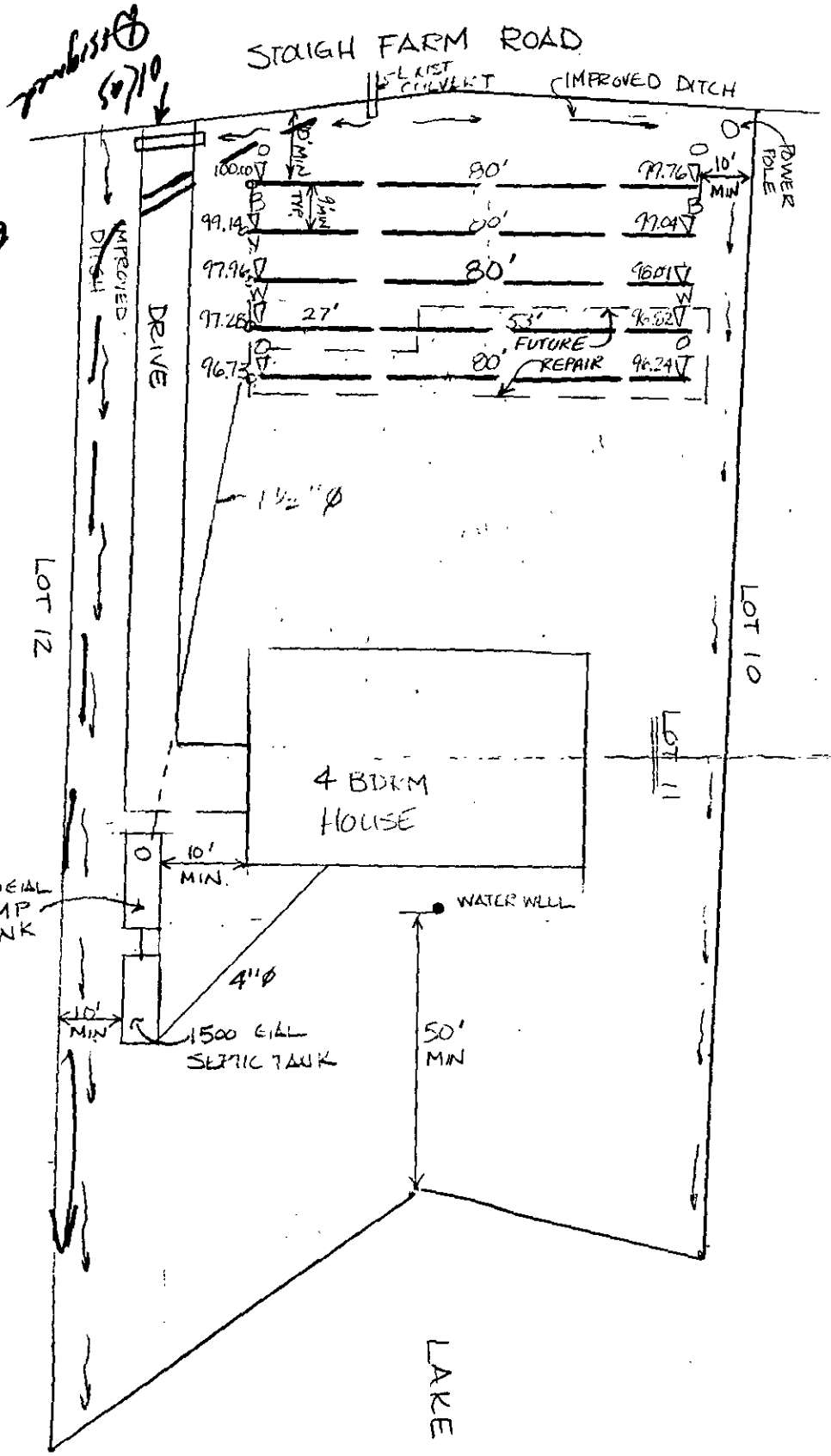
Described by: W. B. Ramsey
Date: 7-31-87



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA
Topography	S (PS) U 2-11	S (PS) U 7-19	S PS (U) 2-6 Drainage Ditching	S PS U	S PS U	S PS
Texture	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS
Structure	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS
Drainage	S PS (U) *	S PS (U) *	S PS (U) *	S PS U	S PS U	S PS
Depth	S PS U 48	S (PS) U 48	S (PS) U 48	S PS U	S PS U	S PS
Restrictive Horizons	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS
Available Space	S (PS) U * Limited	S (PS) U *	S PS (U)	S PS U	S PS U	S PS
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS
Soil Group/Series	IIa Cecil	~~IIa~~ Cecil	IIa Cecil			
Area Classification	S (PS) U	S (PS) U	S PS (U)	S PS U	S PS U	S PS

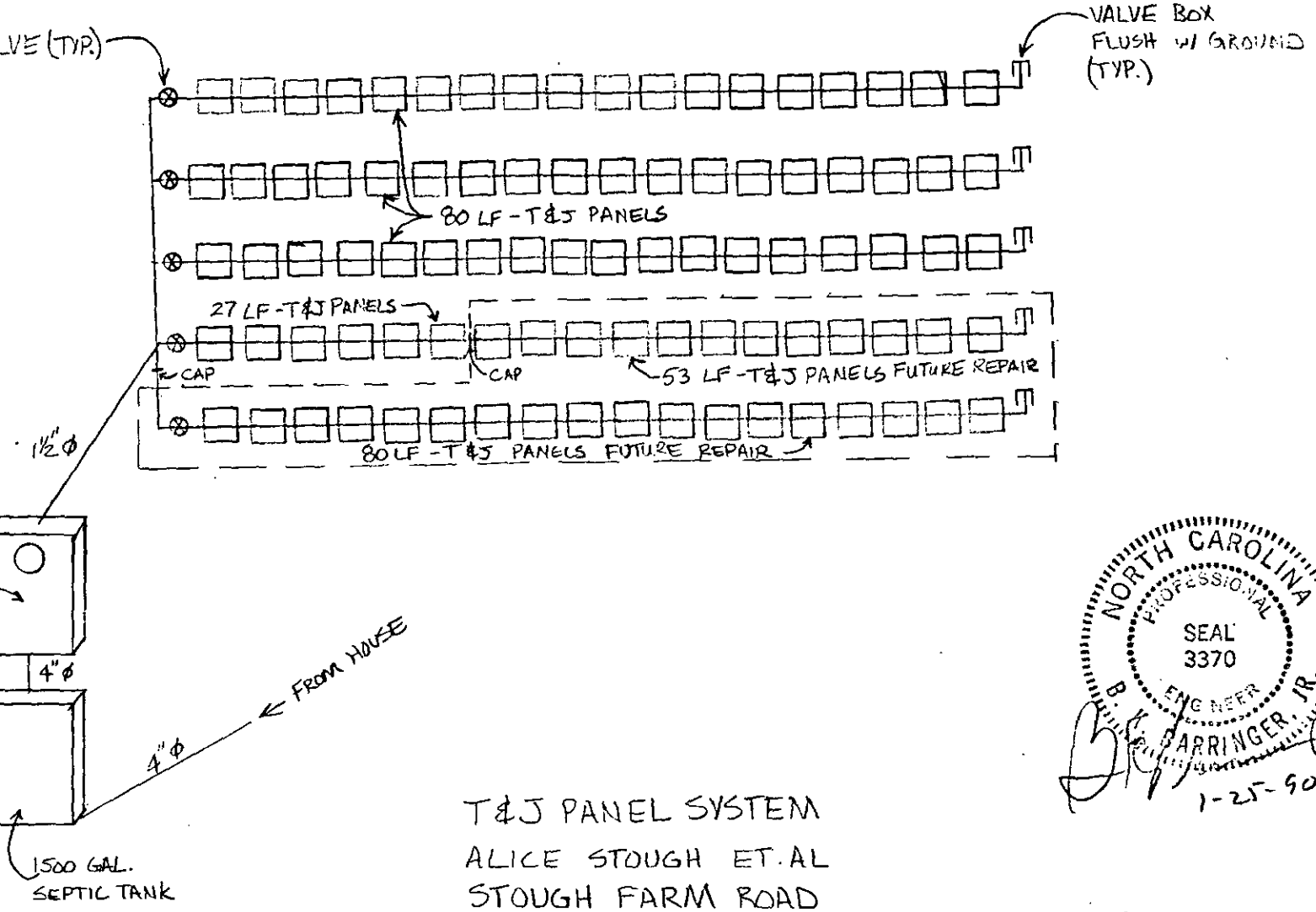


NOTE:
PER 10NCAC 10A. 1945
REPAIR AREA NOT REQ'D

Planner City
Approved
Date

#5 Lenoir

NORTH CAROLINA PROFESSIONAL SEAL 5370 JR.



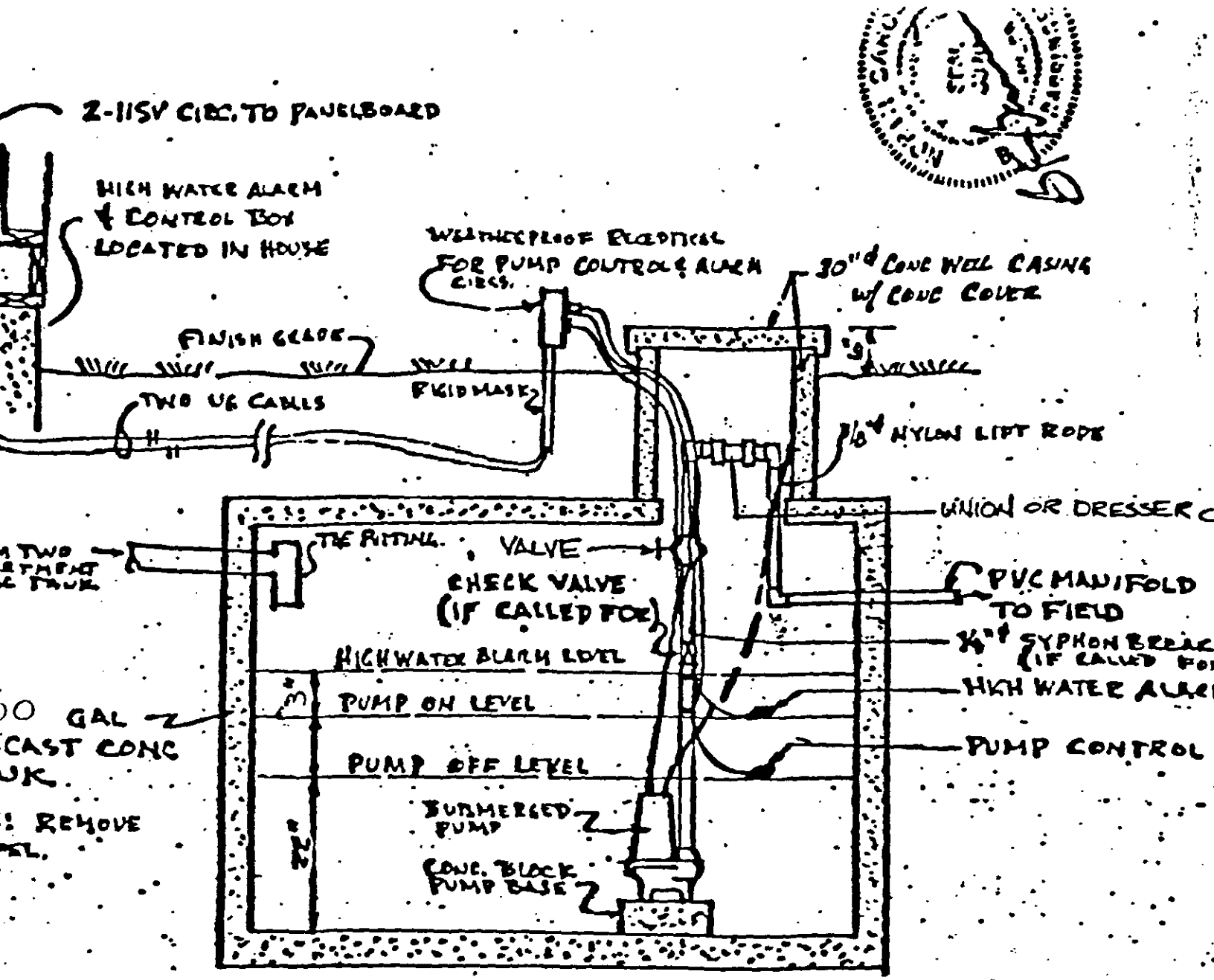
NORTH CAROLINA PROFESSIONAL SEAL 3370 ENGINEER B. K. BARRINGER, JR.

1-25-90

T&J PANEL SYSTEM
ALICE STOUGH ET. AL
STOUGH FARM ROAD
MECKLENBURG CO. NC
LOT # 11

B.K. Barringer, Jr.
104 Westfield Cent
MOORESVILLE, NORTH CARO

(704) 664-7888

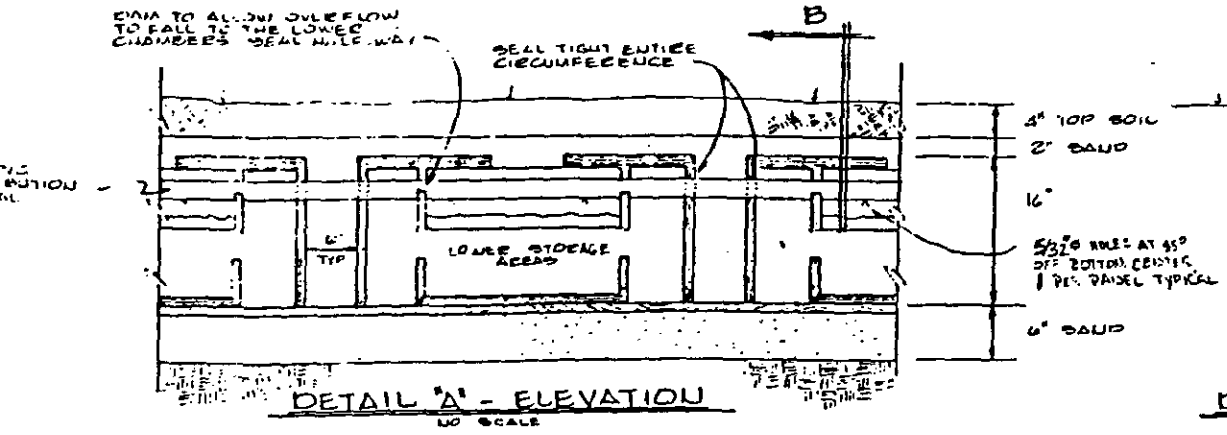


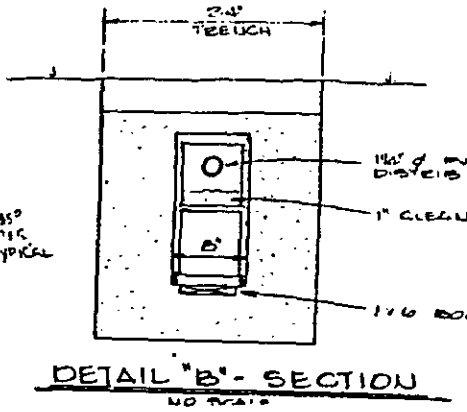
PUMPING CHAMBER DIAGRAM

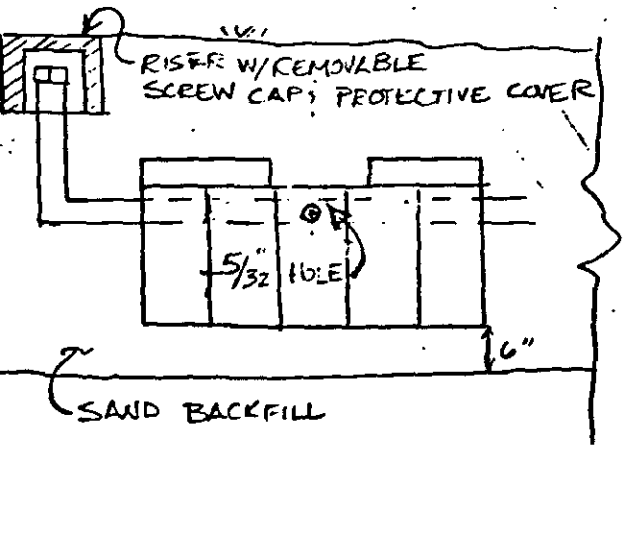
NO SCALE

1000 GAL TANK

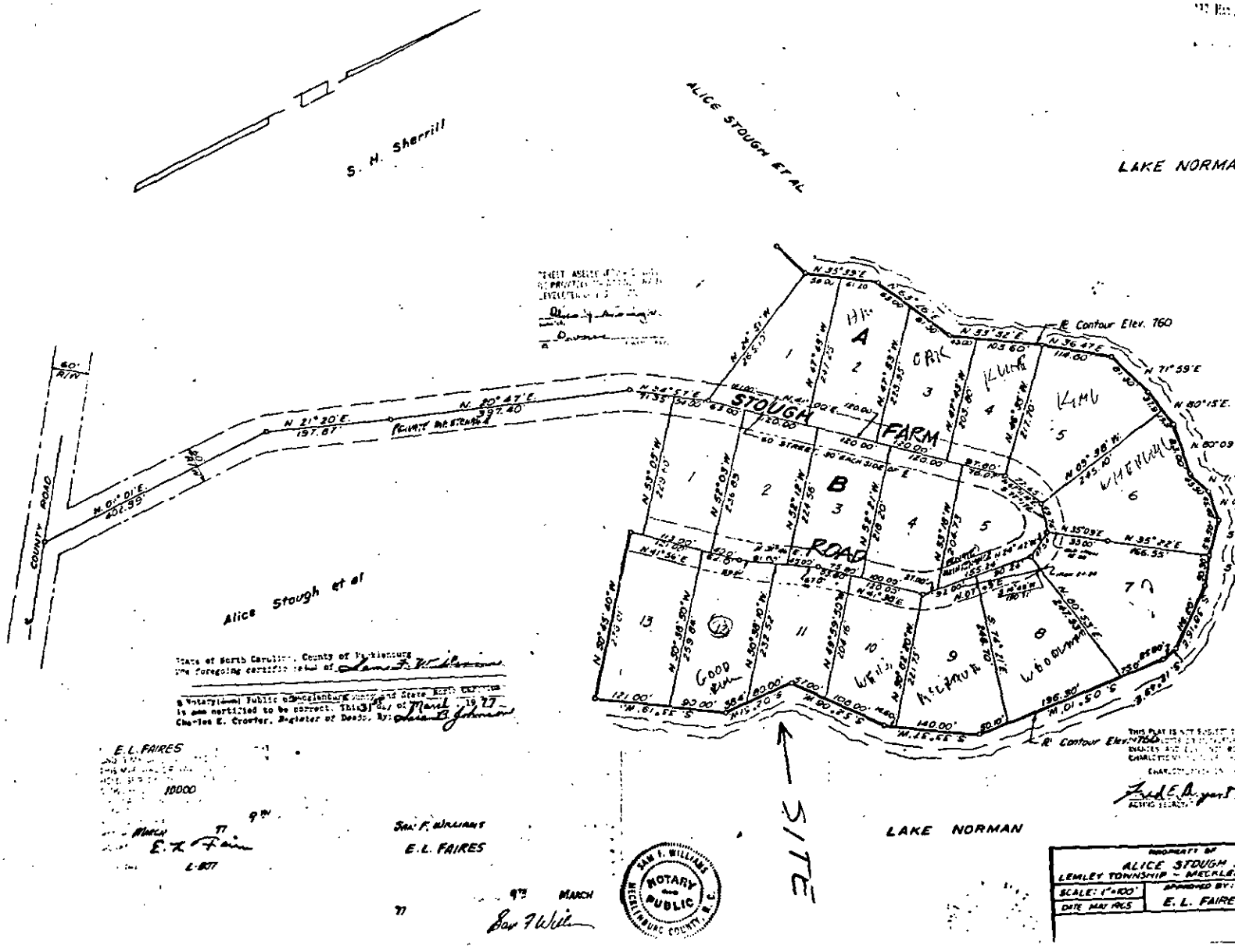
T & J PANEL AS MFGE'D
BY STATESVILLE
CONCRETE PRODUCTS

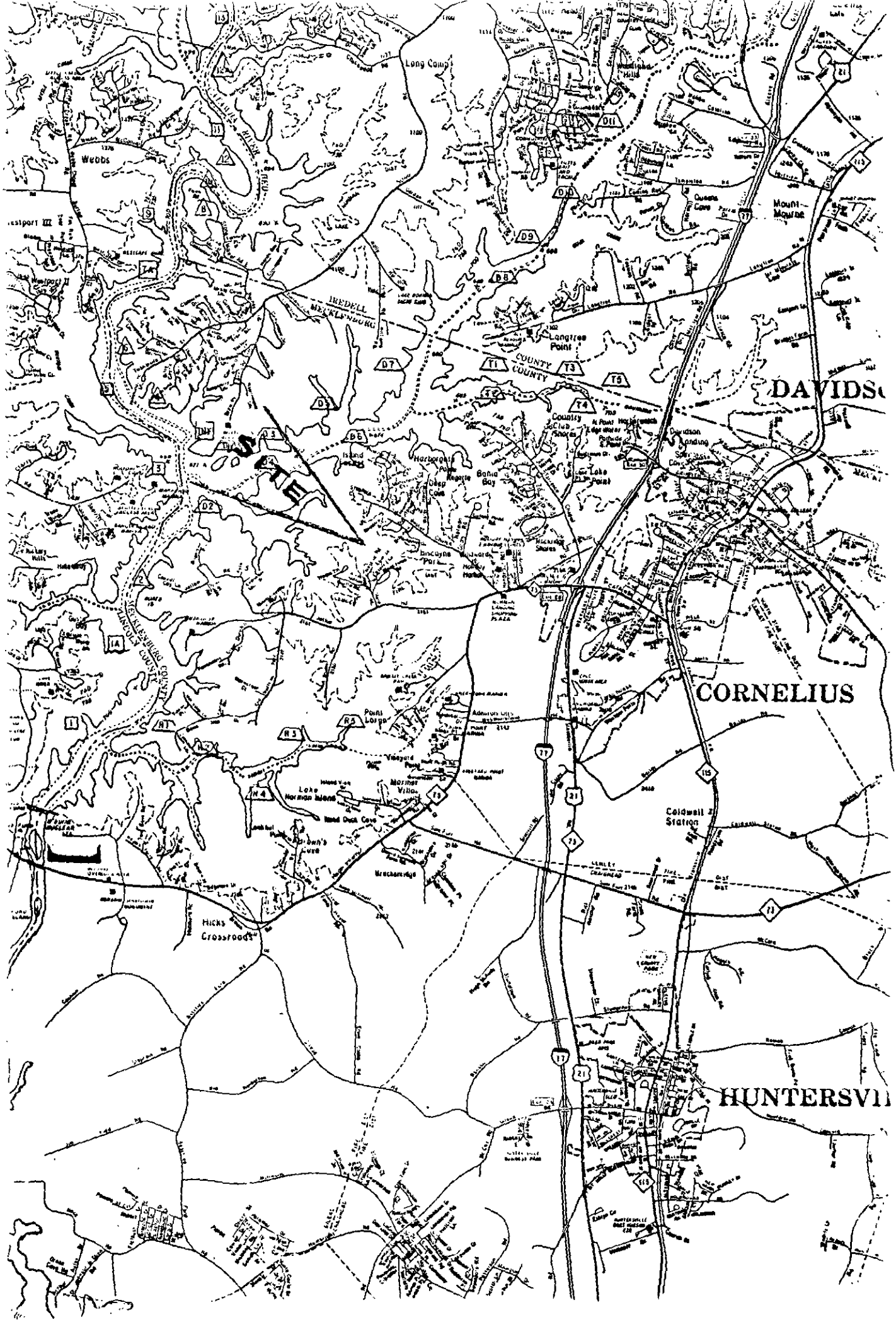


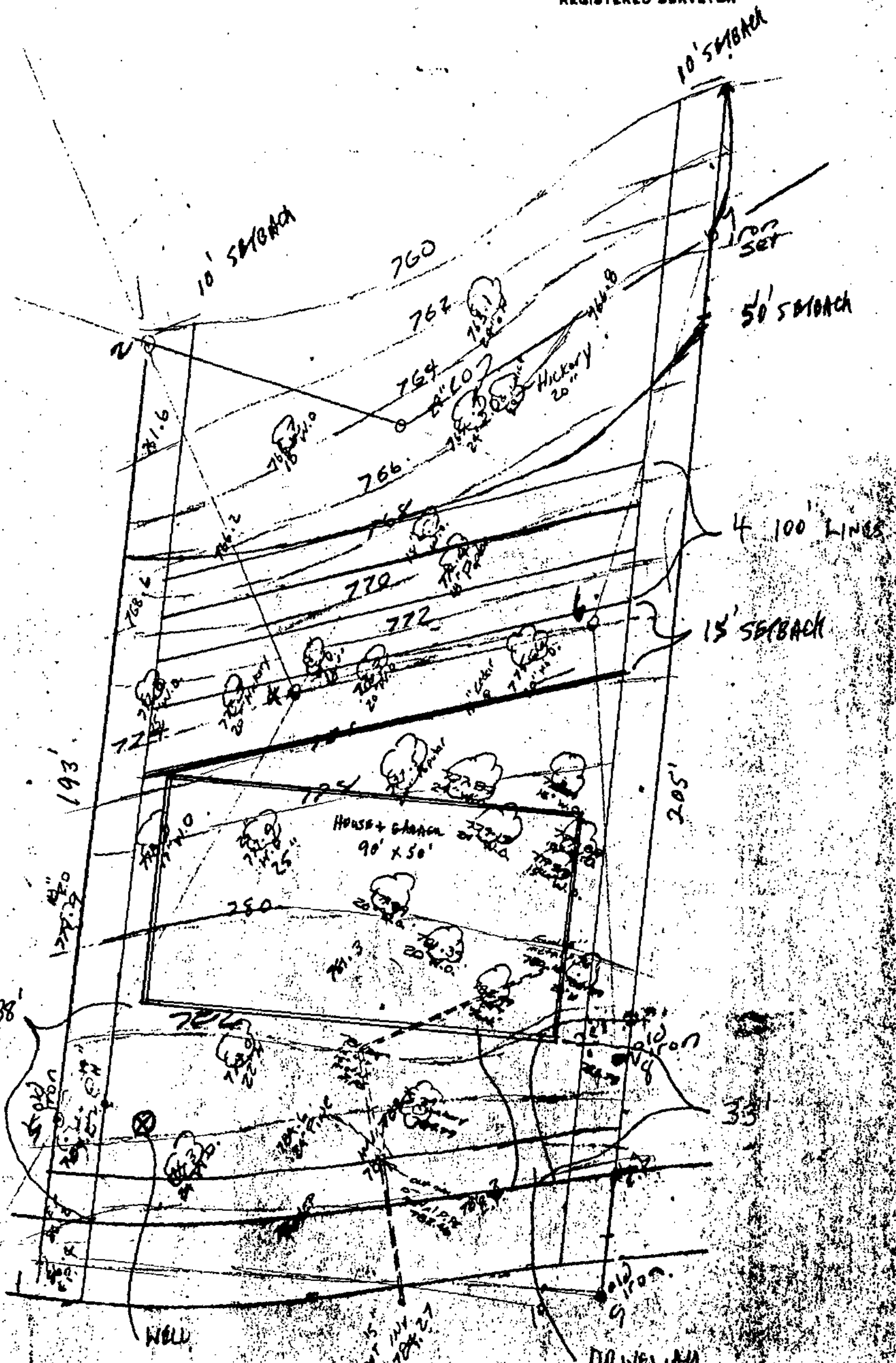




B.K. Barring
104 Westf
MOORESVILLE, NOR


S. H. Sherrill
ALICE STOUGH ET AL
LAKE NORMA
R. Contour Elev. 760
STOUGH
FARM
ROAD
A
B
COUNTY ROAD
Alice Stough et al
E. L. FAIRES
LAKE NORMAN
SITE
SAM F. WILLIAMS
NOTARY PUBLIC
MECKLENBURG COUNTY, N. C.
ALICE STOUGH
LEMLEY TOWNSHIP - MECKLE
SCALE: 1"=100'
DATE MAY 1965
E. L. FAIRE


SITE
CORNELIUS
HUNTERSVI
DAVIDS
Long Camp
Webbs
Mount Mourne
Langtree Point
Hicks Crossroads
Coldwell Station
Lake Norman Island
Point Large
Harborgate
Bahia Bay
Lake Point
Biscayne Point
Mariner Villa
Island Dock Cove
Vineyard Point
Wreckenridge
Country Club Shores
Davidson Landing
IREDELL
MECKLENBURG
COUNTY
COUNTY
LINCOLN
MECKLENBURG COUNTY


10' SETBACK
10' SETBACK
Iron Set
50' SETBACK
760
762
764
766
768
770
772
Hickory 20"
4 100' LINES
15' SETBACK
193'
205'
HOUSE + GARAGE 90' x 50'
38'
33'
old iron
WELL
DRIVEWAY

_______ OF _______ SURVEY

PROPOSED PLOT PLAN

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3715 A

TC: _____

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. *Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.*

19809 STOUGH FARM ROAD

TAX PARCEL # 001-412-12

SEE ATTACHED - PER SYLVIA DANIELS - 9/23/87

Signed: _____

Date: _____

DATE: 8/12/87

TO: ENVIRONMENTAL HEALTH

FROM: COUNTY ENGINEERING

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 001-412-12

ASSIGNED ADDRESS 19809 Stough Farm Rd

EXISTING ADDRESS lot 11

PROJECT NAME Patricks Purchase

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	NOT APPROVED
1. SUBDIVISION REGULATIONS	☑	☐ *
2. FLOODWAY REGULATIONS	☑	☐ *
3. EROSION CONTROL REGULATIONS	☑	☐ *
4. COMMERCIAL DRAINAGE PLAN	☑	☐ *
	PRESENT	**NOT PRESENT**
5. PUBLIC UTILITY EASEMENT	☐ *	☑
	YES	**NO**
6. PROPERTY FRONTS ON THOROUGHFARE	☐ *	☑
	YES	**NO**
7. DRIVEWAY PERMIT REQUIRED	☐ *	☑

*** If checked, further investigation will be required to determine whether a building permit may be issued by Building Standards for the site.**

REMARKS: S.F. house

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIERS OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.
A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

SIGNED: _____

OPWEAR 02/86

Bill Long

MECKLENBURG COUNTY
Department of Environmental Health

July 31st, 1987

Mr. Richard J. Kline
Stough Farms Trust
Box 1797
Davidson, NC 28036

RE: Property located at Stough Farm Road 11/A
FILE: 3715A
PARCEL: 00141212

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 14444) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Sincerely,

Sylvia D. Daniel jre
Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

Enclosure (2)

.LENBURG COUNTY ENVIRONMENTAL HEALTH
E EVALUATION REPORT
ERIAL NUMBER 14444

File: 0715A Action 2

Parcel: 00141212 ☐ PC

Location: [illegible] Farm Road

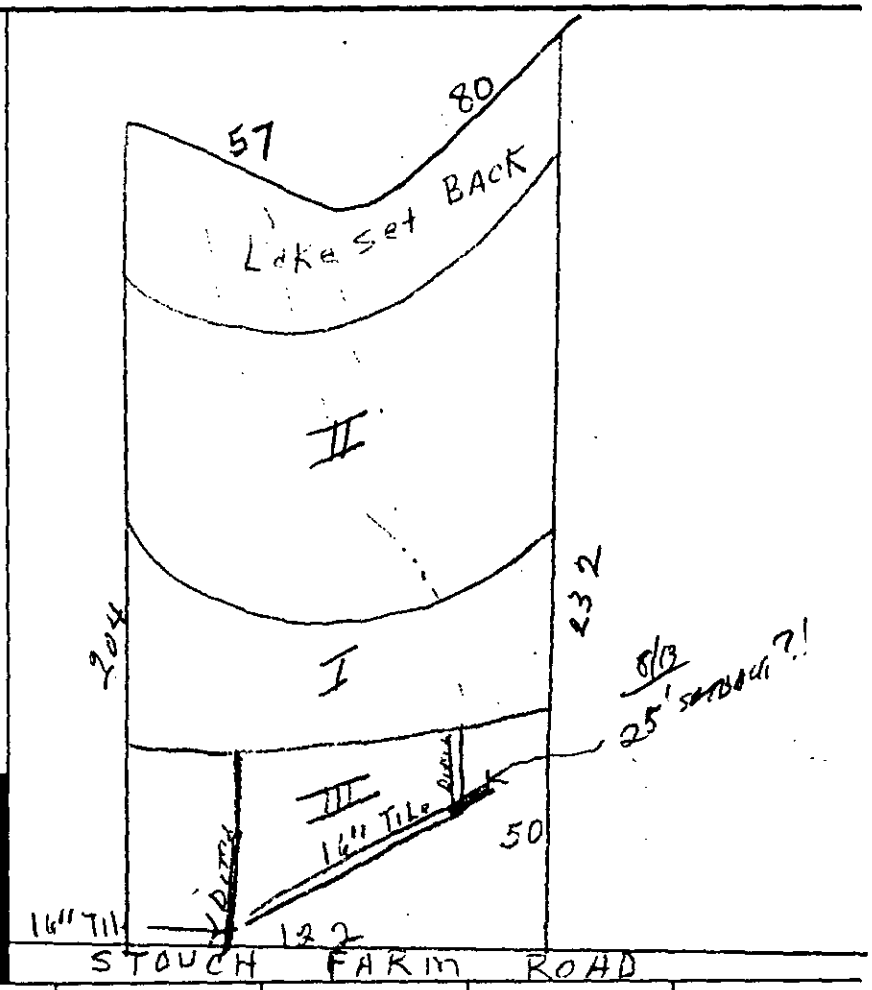
Subdivision:

Lot: Block: Acres: .60

Owner: [illegible] High Farms Trust
Address: P. O. [illegible]
Davidson, NC 28036

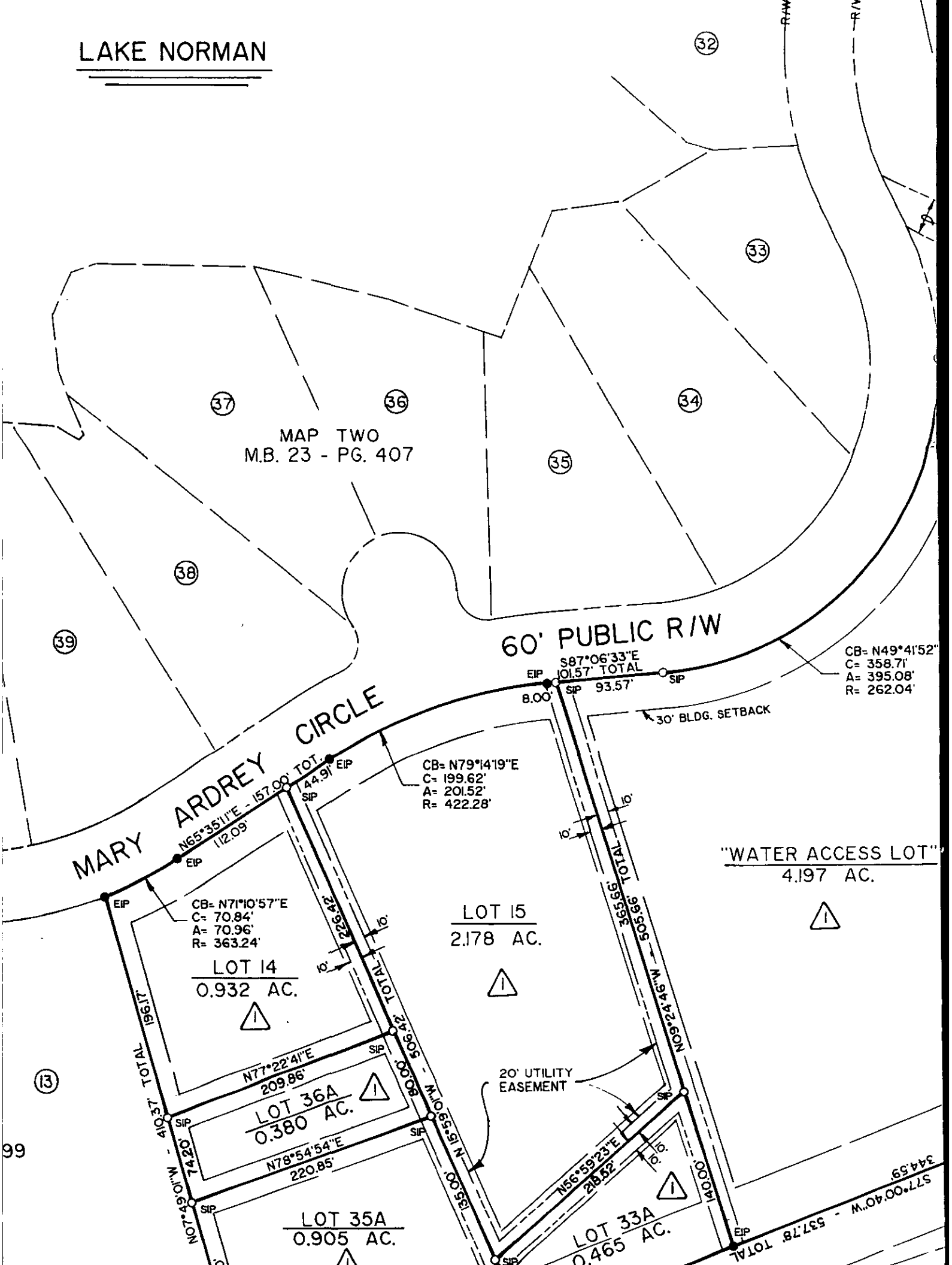
Comments: * Drainage From Rd Ditch
Flood over lot
* Lift Station Maybe Required

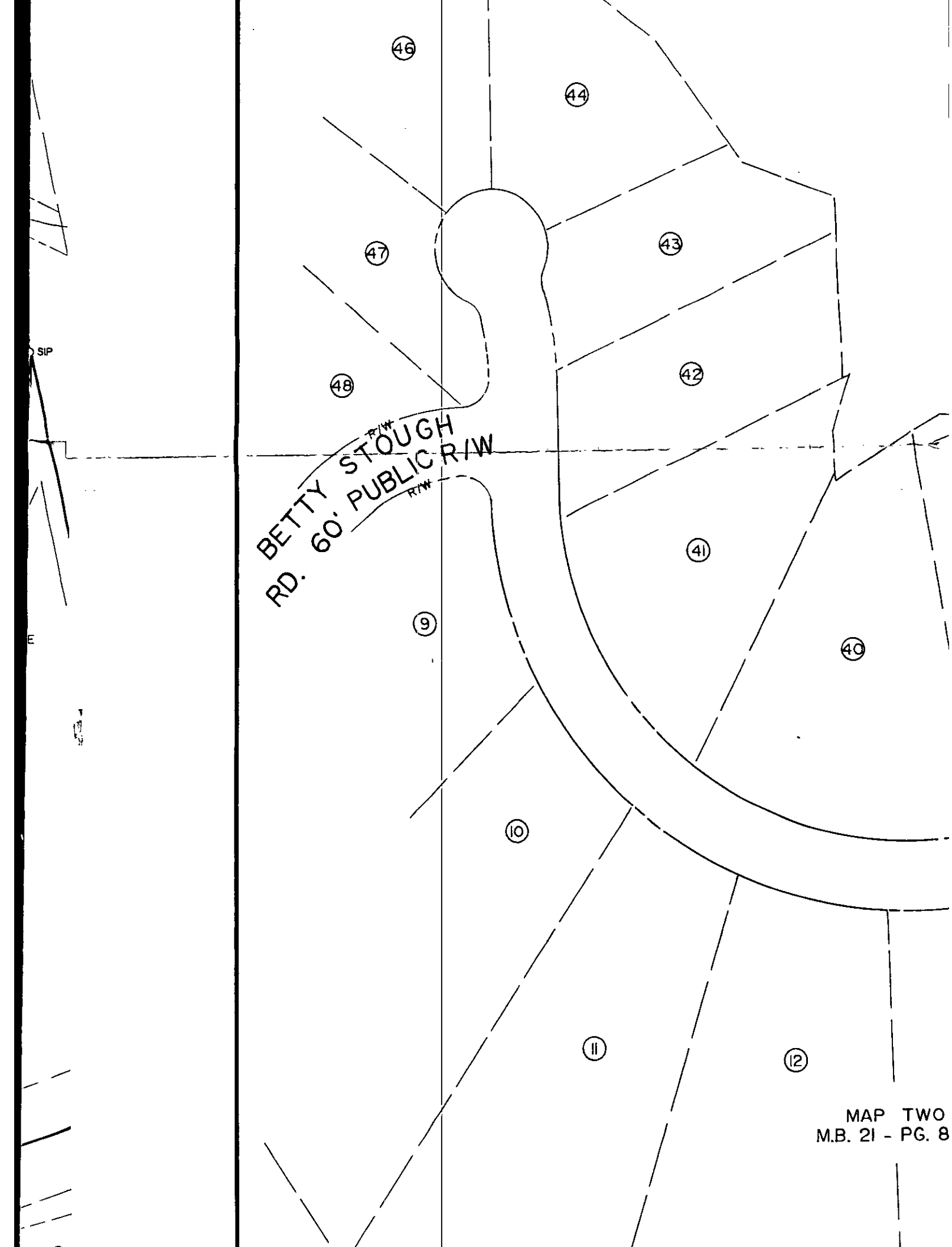
Described by: W. B. Kennedy
Date: 7-31-87



*** EVALUATION KEY ***
S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S (PS) U 2-11	S (PS) U 3-19	S PS (U) 2-6 Drainage Ditching	S PS U	S PS U	S PS U
Texture	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Structure	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Drainage	S PS (U) *	S PS (U) *	S PS (U) *	S PS U	S PS U	S PS U
Depth	S PS U 48	S (PS) U 48	S (PS) U 48	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Available Space	S (PS) U * Limited	S (PS) U *	S PS (U)	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IIa	~~IIIa~~	IIa			


LAKE NORMAN
MAP TWO
M.B. 23 - PG. 407
60' PUBLIC R/W
MARY ARDREY CIRCLE
CB= N49°41'52"
C= 358.71'
A= 395.08'
R= 262.04'
S87°06'33"E
101.57' TOTAL
93.57'
8.00'
30' BLDG. SETBACK
CB= N79°14'19"E
C= 199.62'
A= 201.52'
R= 422.28'
N65°35'11"E - 157.00' TOT.
44.91'
112.09'
CB= N71°10'57"E
C= 70.84'
A= 70.96'
R= 363.24'
"WATER ACCESS LOT"
4.197 AC.
LOT 14
0.932 AC.
LOT 15
2.178 AC.
LOT 36A
0.380 AC.
LOT 35A
0.905 AC.
LOT 33A
0.465 AC.
20' UTILITY EASEMENT
N77°22'41"E
209.86'
N78°54'54"E
220.85'
N56°59'23"E
218.52'
N07°49'01"W - 410.37' TOTAL
N09°24'46"W - 505.66' TOTAL
N15°59'10"W - 505.42' TOTAL
S77°00'40"W - 537.78' TOTAL
74.20'
135.00'
40.00'
344.59'
226.42'
365.66'
196.17'
10'
SIP
EIP


46
44
47
43
SIP
48
42
BETTY STOUGH
RD. 60' PUBLIC R/W
R/W
R/W
41
9
40
10
11
12
MAP TWO
M.B. 21 - PG. 8

VICINITY MAP

30' PUBLIC STORM DRAIN. EASEMENT

SIP

DUKE POWER

REF. - MTN. ISLAND DWG. # 510

E

S04°32'05"E 650.75'

SIP

R/W

R/W

REFERENCES :

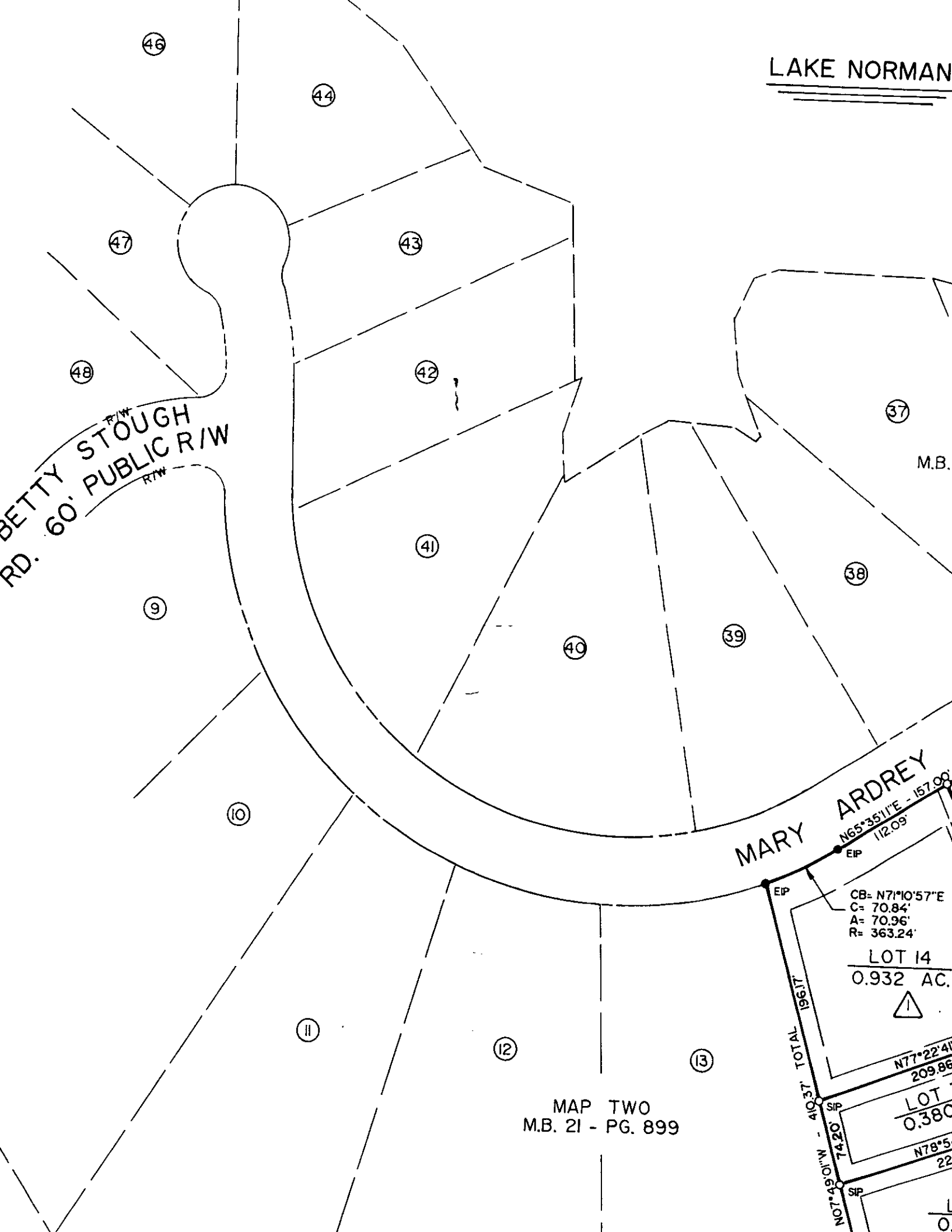
1. MAP TITLED REVISED SUBDIVISION PLAT OF PATRICK'S PURCHASE PHASE TWO MAP TWO RECORDED IN M.B. 23 - PG. 407 AND M.B. 21 - PG. 899 MECKLENBURG COUNTY REGISTER OF DEEDS.

NOTES :

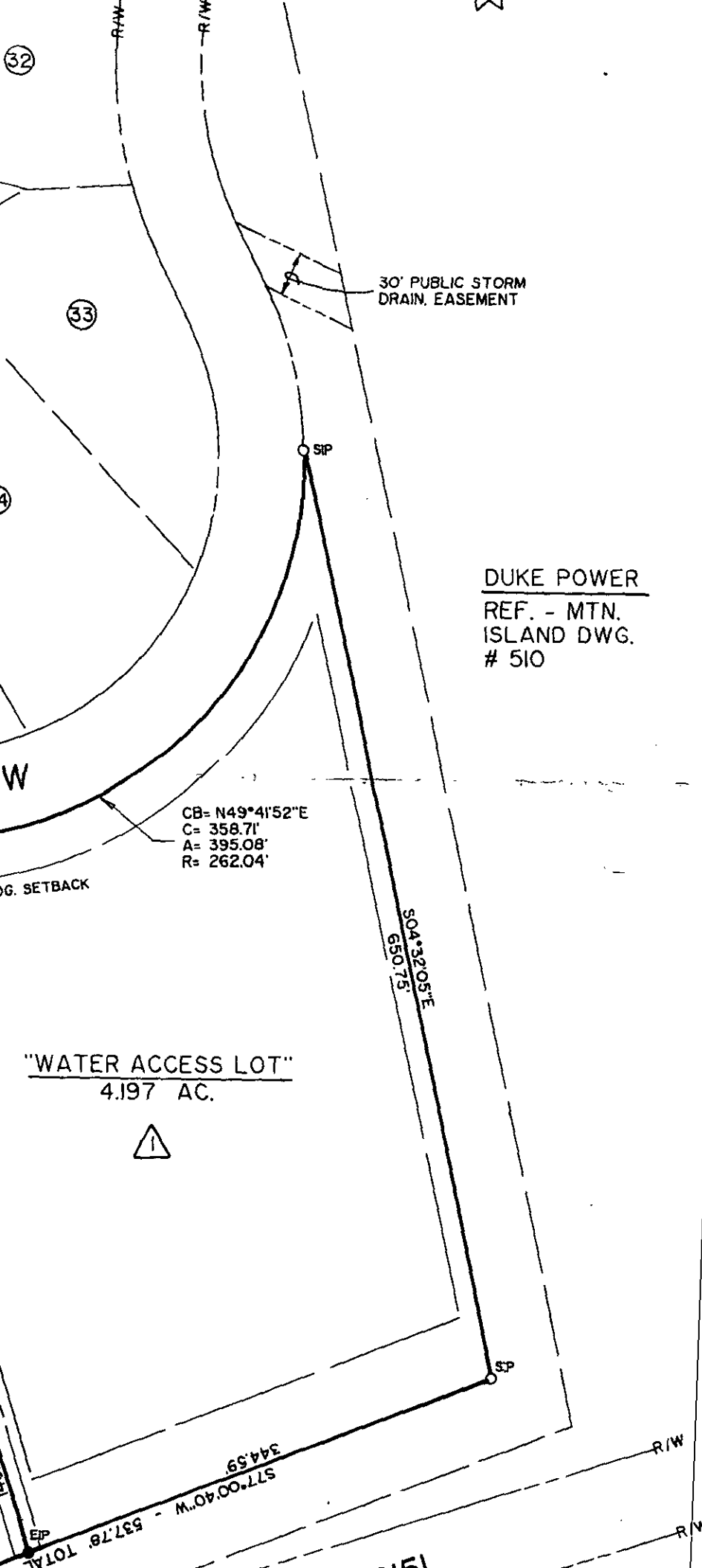
1. ALL PUBLIC ROADS WILL BE PRIVATELY MAINTAINED BY THE DEVELOPER OR HIS ASSIGNS.
2. WATER ACCESS LOTS IS TO BE CONVEYED TO HOME OWNERS ASSOCIATION IN ACCORDANCE WITH MECKLENBURG COUNTY SUB-DIVISION ORDINANCE.
3. "THE CONSTRUCTION OF BUILDINGS OR STRUCTURES BELOW THE ELEVATION OF THE BUILDING RESTRICTION FLOOD LINE IS SUBJECT TO THE RESTRICTIONS IMPOSED BY SECTION VII-P OF THE SUB-DIVISION ORDINANCE OF MECKLENBURG COUNTY."
4. ALL SIP's # 5 REBAR
5. THE SOLE PURPOSES OF THIS MAP IS TO REDIVIDE LOTS 14 & LOT 15 AND TO LOCATE 20' UTILITY EASEMENTS ON LOTS 14, 15 AND "WATER ACCESS LOT".

REVISED SUBDIVISION PLAT OF PART OF :

PATRICK'S PURCHASE PHASE II MAP TWO


LAKE NORMAN
46
44
47
43
48
42
37
BETTY STOUGH
RD. 60' PUBLIC R/W
R/W
R/W
M.B.
41
38
9
40
39
MARY ARDREY
N65°35'11"E - 157.99'
112.09'
EIP
EIP
CB= N71°10'57"E
C= 70.84'
A= 70.96'
R= 363.24'
LOT 14
0.932 AC.
1
10
11
12
13
TOTAL 410.37'
196.17'
N77°22'41
209.86
SIP
LOT
0.380
74.20'
N78°5
22
N07°49'01"W -
SIP
MAP TWO
M.B. 21 - PG. 899

VICINITY MAP



REFERENCES :

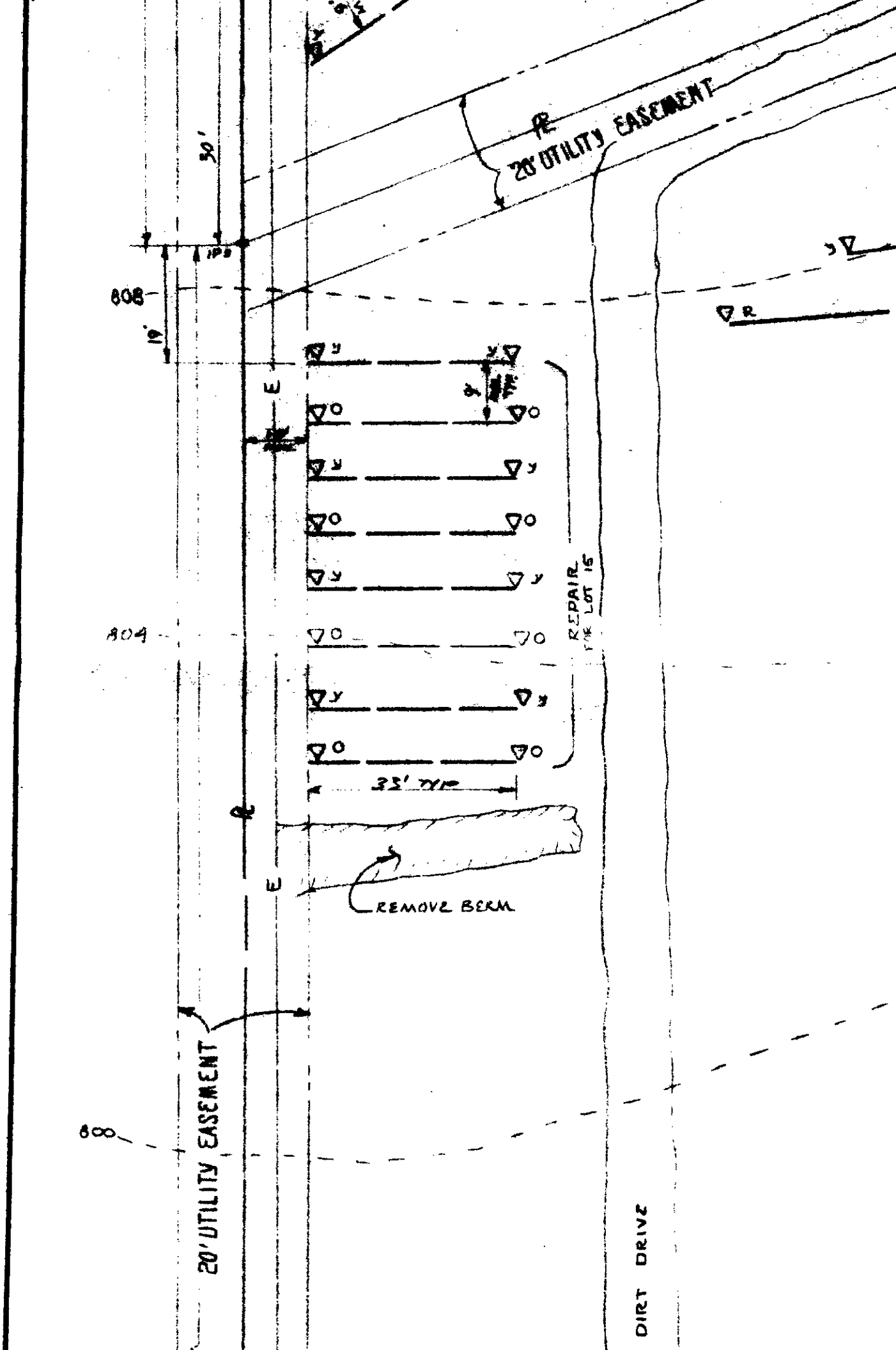
1. MAP TITLED REVISED SUBDIVISION PLAT OF PATRICK'S PURCHASE PHASE TWO MAP TWO RECORDED IN M.B. 23 - PG. 407 AND M.B. 21 - PG. 899 MECKLENBURG COUNTY REGISTER OF DEEDS.

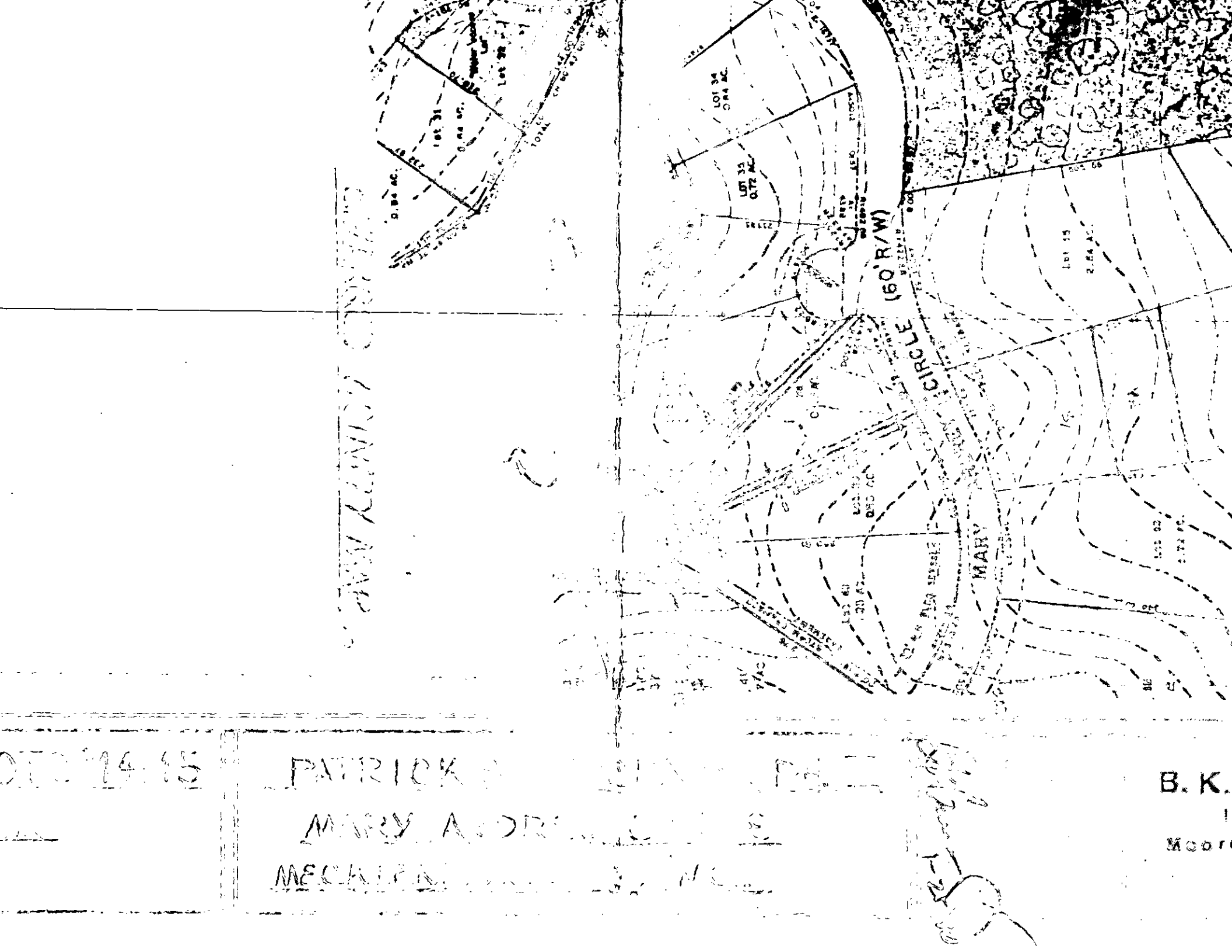
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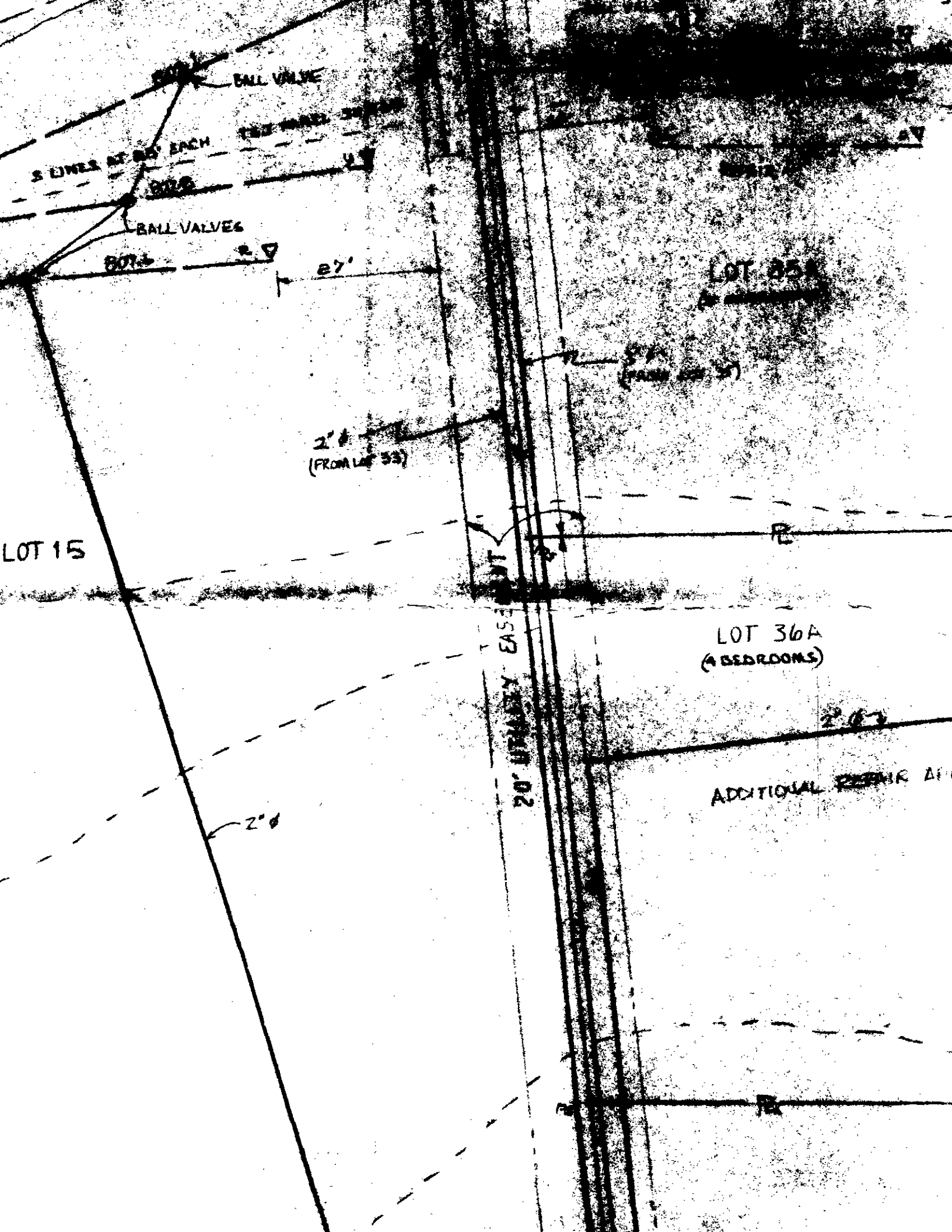
1. ALL PUBLIC ROADS WILL BE PRIVATELY MAINTAINED B DEVELOPER OR HIS ASSIGNS.
2. WATER ACCESS LOTS IS TO BE CONVEYED TO HOME ASSOCIATION IN ACCORDANCE WITH MECKLENBURG CO SUB-DIVISION ORDINANCE.
3. "THE CONSTRUCTION OF BUILDINGS OR STRUCTURES B ELEVATION OF THE BUILDING RESTRICTION FLOOD LINE TO THE RESTRICTIONS IMPOSED BY SECTION VII-P OF DIVISION ORDINANCE OF MECKLENBURG COUNTY."
4. ALL SIP's # 5 REBAR
5. THE SOLE PURPOSES OF THIS MAP IS TO REDIVIDE LOT LOT 15 AND TO LOCATE 20' UTILITY EASEMENTS ON L 15 AND "WATER ACCESS LOT".

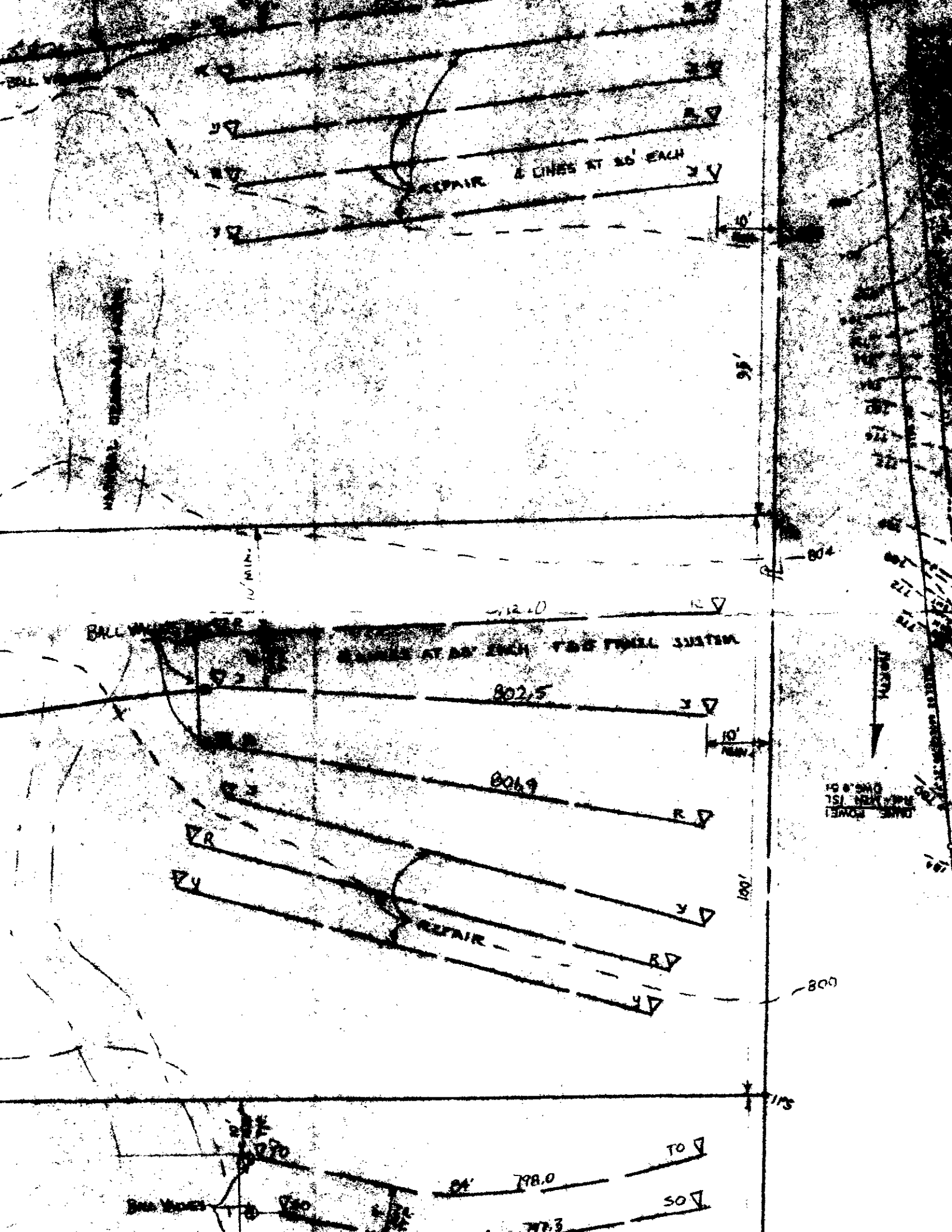
REVISED SUBDIVISION PLAT OF PART O

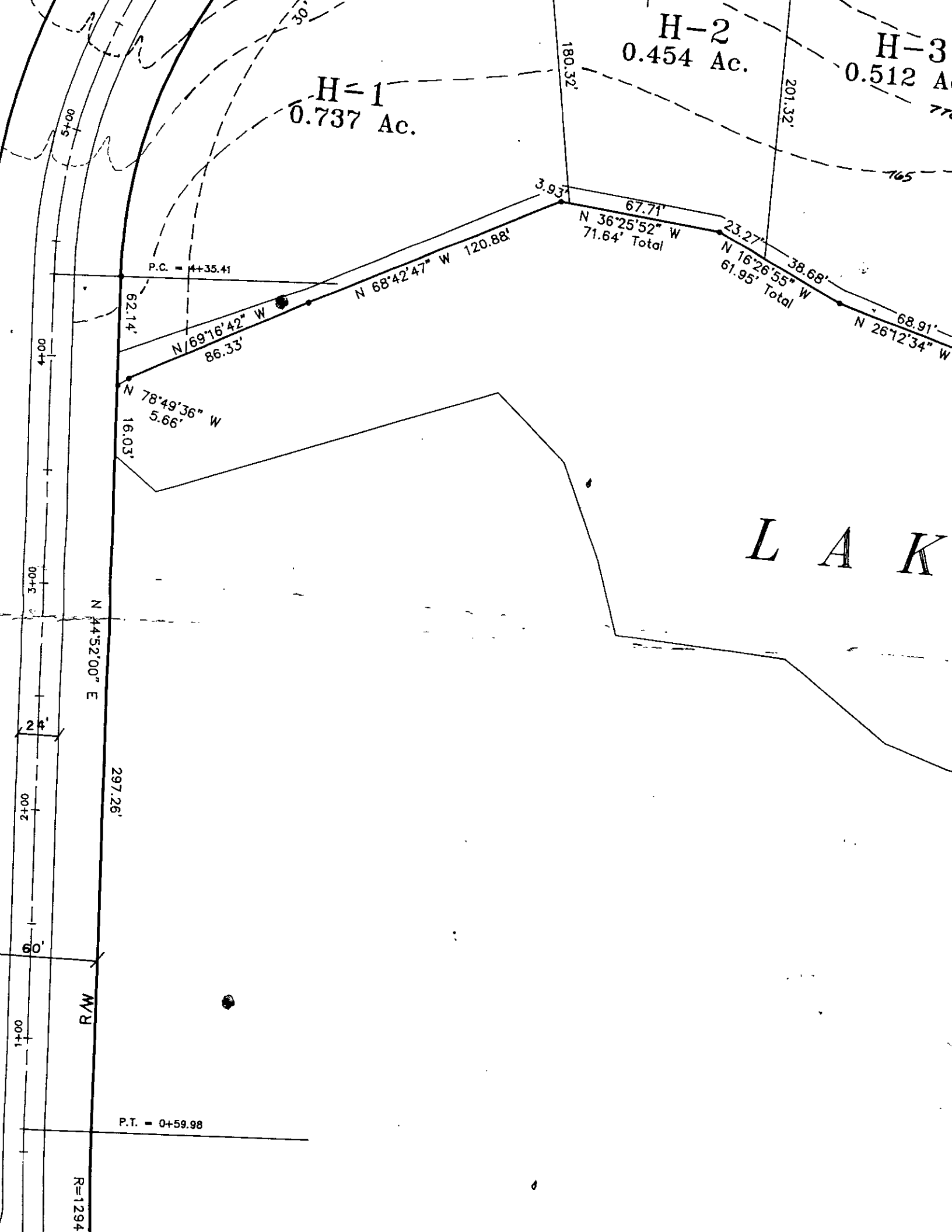
PATRICK'S PURCHASE PHASE II MAP TWO

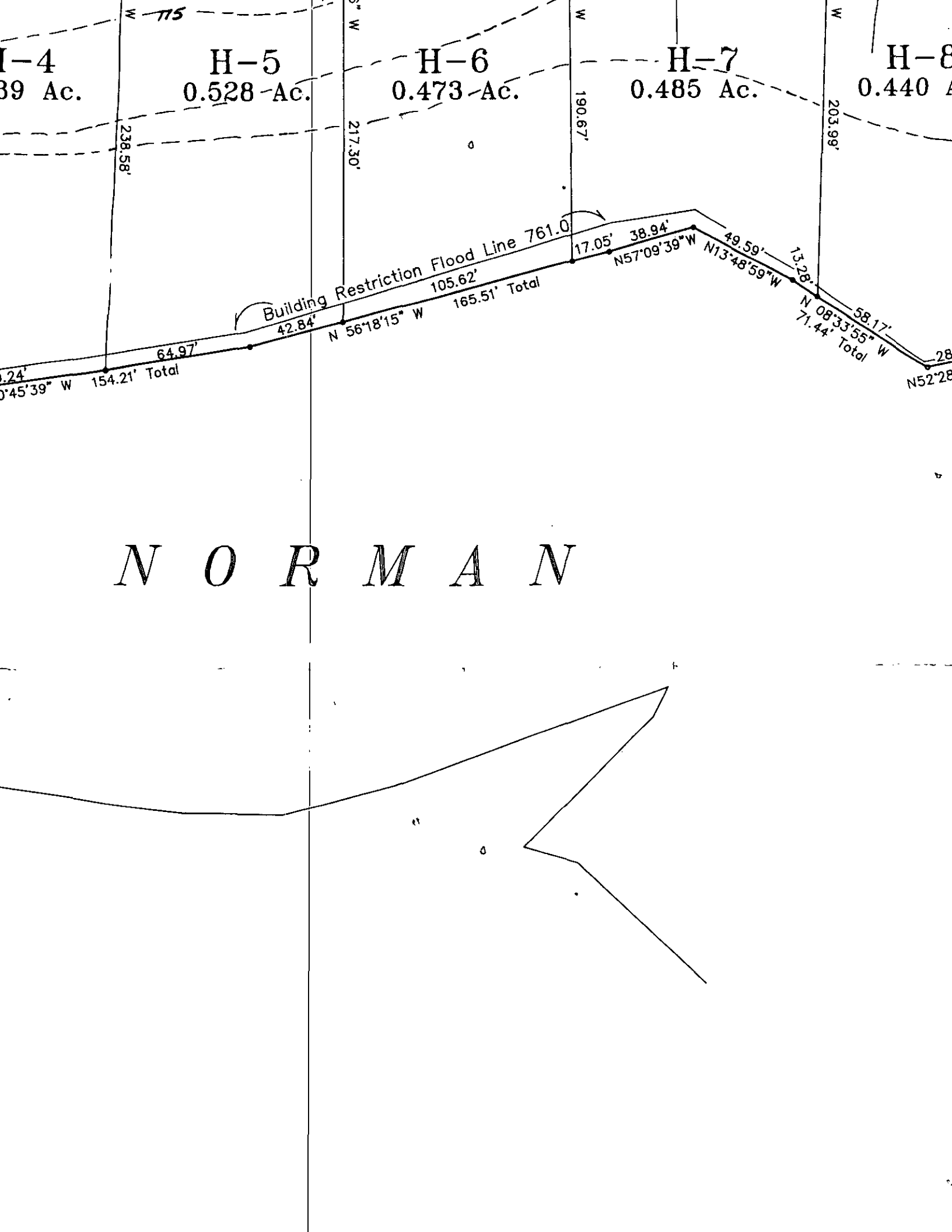

20' UTILITY EASEMENT
30'
IPS
808
10'
804
REPAIR PIPE LOT 15
33' TYP
REMOVE BERM
800
20' UTILITY EASEMENT
DIRT DRIVE

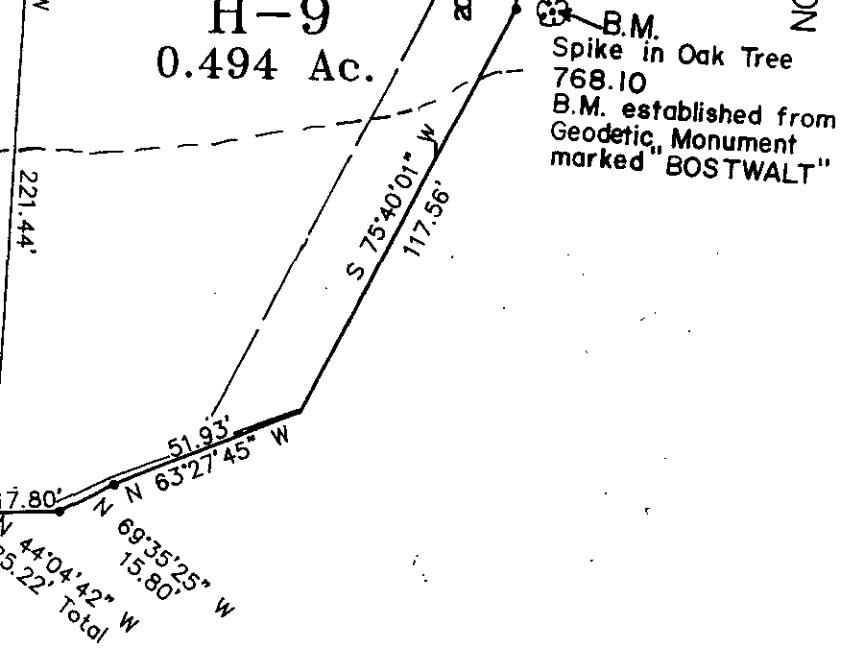

CIRCLE (60'R/W)
MARY
PATRICK
MARY A
MECHA
B. K.
Moor


BALL VALVE
BALL VALVES
LOT 15
LOT 36A
(4 BEDROOMS)
20' UTILITY EASE
2' ø
(FROM LOT 53)
ADDITIONAL


REPAIR 4 LINES AT 20' EACH
10'
95'
804
10' MIN.
802.5
10'
80.9
R
Y
REPAIR
100'
800
113
TO
84'
98.0
SO
97.3


H-1
0.737 Ac.
H-2
0.454 Ac.
H-3
0.512 Ac.
180.32'
201.32'
165
3.93'
67.71'
N 36°25'52" W
71.64' Total
23.27'
38.68'
N 16°26'55" W
61.95' Total
68.91'
N 26°12'34" W
P.C. = 4+35.41
62.14'
N 68°42'47" W 120.88'
N 69°16'42" W
86.33'
N 78°49'36" W
5.66'
16.03'
LAK
N 44°52'00" E
297.26'
24'
60'
R/W
P.T. = 0+59.98
R=1294
5+00
4+00
3+00
2+00
1+00
30'


H-4
39 Ac.
H-5
0.528 Ac.
H-6
0.473 Ac.
H-7
0.485 Ac.
H-8
0.440 A
238.58'
217.30'
190.67'
203.99'
Building Restriction Flood Line 761.0
64.97'
42.84'
105.62'
165.51' Total
154.21' Total
N 56°18'15" W
17.05'
38.94'
N57°09'39"W
49.59'
N13°48'59"W
13.28'
N 08°33'55" W
71.44' Total
58.17'
N52°28
NORMAN



PRELIMINARY PLAN FOR GREYFRIARS COVE

LEMLEY TOWNSHIP MECKLENBURG

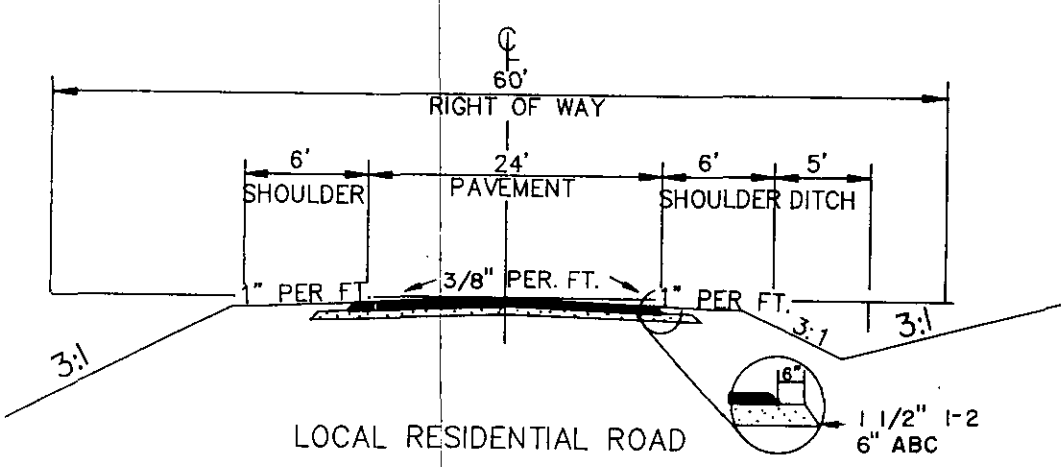
CRESCENT RESOURCES, INC.
400 SOUTH TRYON STREET
SUITE 1300
P.O. BOX 30817
CHARLOTTE, NC 28230
(704) 382-2410

REVISIONS

7/90 SD

NOTES

1) Building Restriction Flood Line Statement Is: Any consfruction or use within the areas delineated as floodway fringe district boundary line and floodway district encroachment line is subject to the restrictions imposed by the Floodway Regulations of Mecklenburg County.
2) Zoning is R.R.
3) Total Acreage = 4.662 Acres
4) Boundary Information taken from Recorded Plat Book 17, Page 617, Dated September 21, 1976.
5) Approximate completion time: 3 years
6) Topographic Survey from Mecklenburg County



LOCAL RESIDENTIAL ROAD

MECKLENBURG COUNTY
Department of Environmental Health

July 31st, 1987

Mr. Richard J. Kline
Stough Farms Trust
Box 1797
Davidson, NC 28036

RE: Property located at Stough Farm Road 11/A
FILE: 3715A
PARCEL: 00141212

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 14444) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Sincerely,

Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

Enclosure (2)

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 14444

File: 3715A Action 2

Parcel: 00141212 ☐ PC

Location: Stough Farm Road

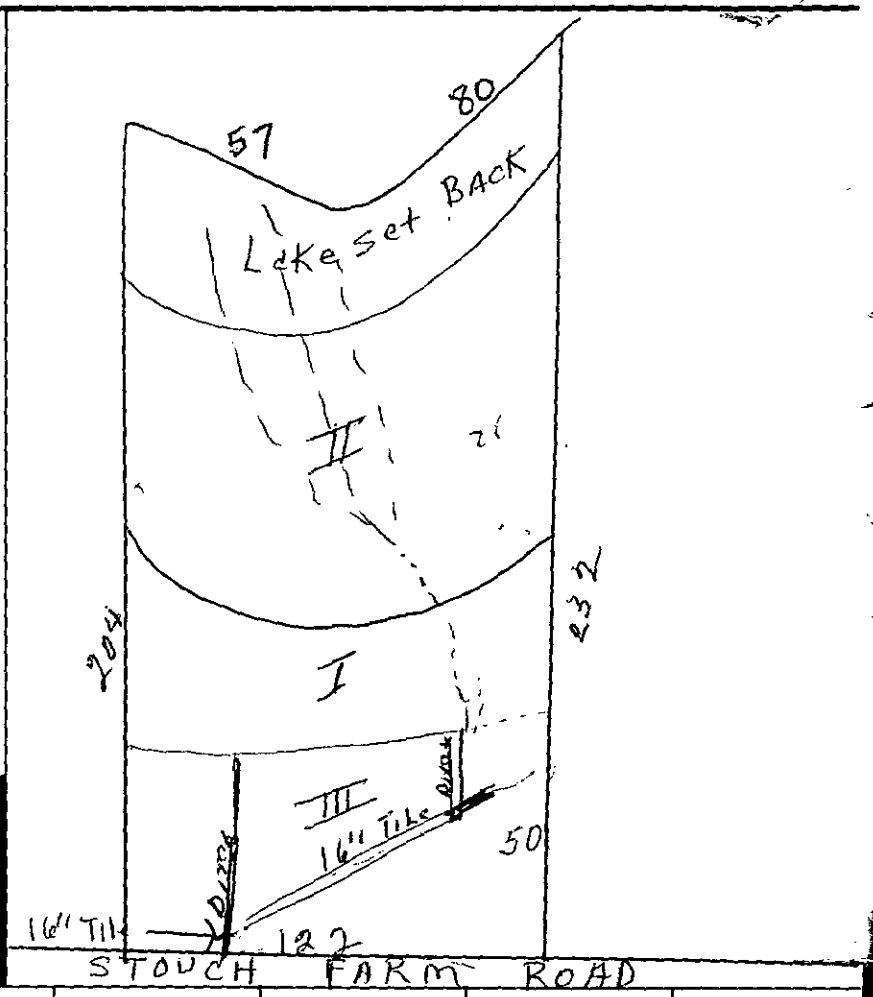
Subdivision:

Lot: 11/A Block: Acres: .60

Owner: Stough Farms Trust
Address: Box 1797
Davidson, NC 28036

Comments: * Drainage From Rd Ditch
Spread over Lot
* Lift Station Maybe Required

Described by: W. B. Ramsey
Date: 7-31-87



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S (PS) U 2-11	S (PS) U 2-19	S PS (U) 2-6 Drainage Ditches Tile	S PS U	S PS U	S PS U
Texture	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Structure	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Drainage	S PS (U) *	S PS (U) *	S PS (U) *	S PS U	S PS U	S PS U
Depth	S PS U 48	S (PS) U 48	S (PS) U 48	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U	S (PS) U	S (PS) U	S PS U	S PS U	S PS U
Available Space	S (PS) U * Limited	S (PS) U *	S PS (U)	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IIa Cecil	~~IIa~~ Cecil	~~IIa~~ Cecil			
Area Classification	S (PS) (U)	S (PS) (U)	S PS (U)	S PS U	S PS U	S PS U

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

RECEIVED
JUL 14 1987
ENVIRONMENTAL HEALTH DEPARTMENT OF

FILE: 3715A

TC: 001-412-12

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: Stough Farm Road

② SUBDIVISION: Patrick's Purchase ③ LOT: 11 ④ BLOCK: A

⑤ PARCEL REFERENCE: BOOK NO.: 1 PAGE NO.: 41 PARCEL NO.: 12
Map Book 18, page 33

⑥ DEED REFERENCE: BOOK NO.: PAGE NO.:

OWNER

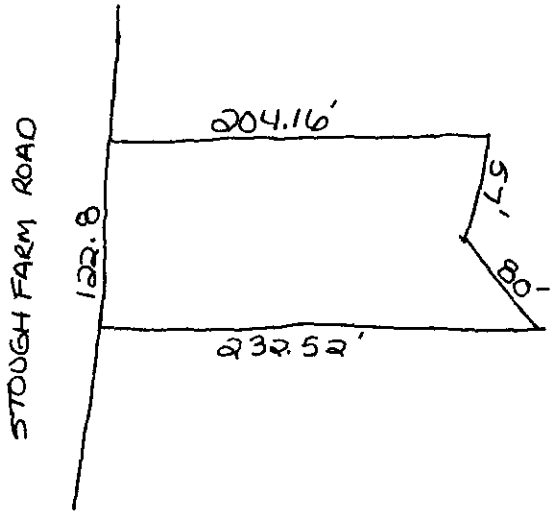
⑦ NAME: Richard J. Kline, Assistant Secretary
Stough Farms Trust 1797
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: BOX 2~~5~~~~6~~0

⑨ CITY: Davidson ⑩ STATE: NC ⑪ ZIP: 28036

⑫ PHONE: (WORK) 334-5494 (HOME) 892-3224

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: STOUGH FARMS TRUST Richard J Kline Assistant Secretary

Date: July 14, 1987

SEAL

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY