Date Received 7-14-83

MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 14 1983
ENVIRONMENTAL HEALTH

APT No. 19868
T. P. No. 221-021-[illegible]25,11
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER HARRY GRIMMER + Co. INC
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER PO BX 898 MATTHEWS NC ZIP 28105

3) PHONE NO. Home N/A Office 847-8823

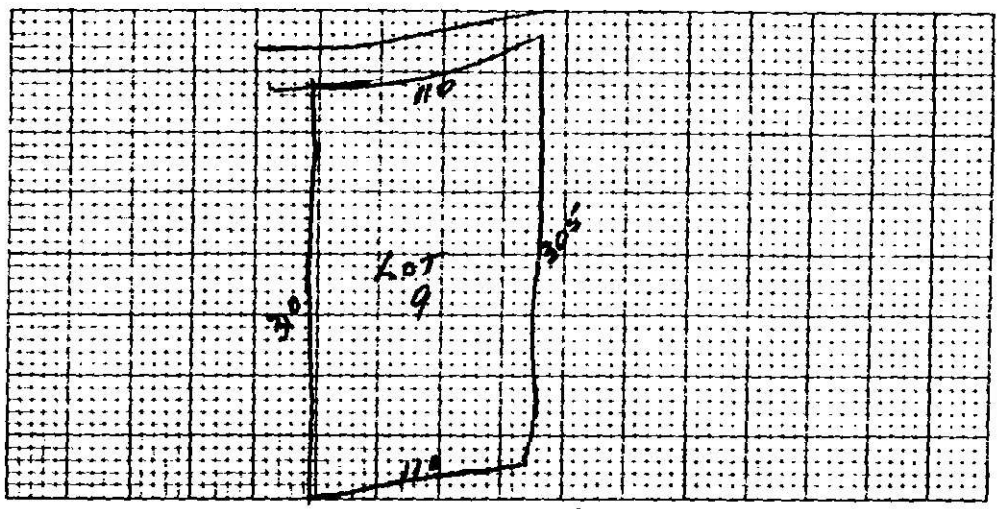
4) LOCATION OF PROPERTY 9900 PROVIDENCE FOREST LANE
(STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO 9 BLOCK NO C

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK 4637 4518 PAGE NO 111 602

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge



7) ACCURATELY DIAGRAM & DIMENSION LOT

OWNER

EHD-5-74

Environmental Health Department's Copy

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 19868

T.C. NO. P0231-031-2511

(Ground Absorption Sewage Disposal)

OWNER: Harry Brimmer & Co., Inc
ADDRESS: PO Box 878
Matthews, N.C. 28105
LOCATION OF SITE: 9400 Providence Forest Lane

PLAT NO: 69-C
LOT SIZE: 34,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 2-8% U	(S) PS 2-10% U	S (PS) Complex slopes U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) clay U	S PS 2-1 (U) Clay	S PS — U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blo-Nl U	S (PS) Blocky U	S PS — U	S PS U
4. SOIL DEPTH (inches)	S (PS) 36-38 U	S PS 24-36" (U)	S PS — U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) 36"+ U	S Saprolite (U) 36"	S PS — U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) 36"+ seasonal water U	S Seasonal perched (U) water table	S (PS) Perched water table U	S PS U
7. OTHER (Specify)	S Limited PS Area U	S PS U	S PS U	S PS U
8. SOIL GROUP	IIA	IIB	—	
9. SITE CLASSIFICATION	Provisionally Suitable	Unsuitable	Unsuitable	
10. SOIL SERIES	Cecil-Pacolet	Helena-Pacolet	Complex Slopes	

S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

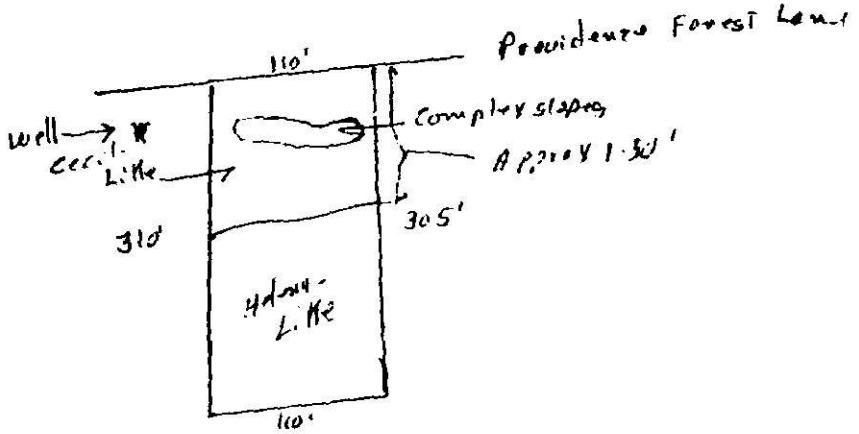
Recommendations/Comments: Limited Area - Suitable for LPP

Described by: William A. Hayden
Title: Soil Scientist

Date: 8-4-83

EHD 539 (Revised: 6/82)

17


Providence Forest Lane
110'
Well
Elec. Line
Complex slopes
Approx 1:30'
310'
305'
Adams Line
100'

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SIR. NO. 19868
T.C. NO. PO 231-031-25.11
DATE: 8-5-83

Harry Grimmer Company, Inc.
P.O. Box 898
Matthews, NC 28105

Re: Property located at 9900 Providence Forest Lane, Lot 9-C

Dear Sir:

At your request, a field investigation was conducted on the property designated above. The soils on the property were found to contain a limited area of provisionally suitable soil for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit plot plans for the proposed construction, well, and ground absorption sewage disposal system to this office. They will be reviewed and if it is found that there is an adequate area of provisionally suitable soil to accommodate the proposed installation, an Improvements Permit will be issued by this office.

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

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

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 climate origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 19868
TC:
SERIAL: No 10181

MECK COUNTY DEPARTMENT OF
RECEIVED
OCT 22 1986
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: 9900 (STREET NO) Providence Forest Lane (STREET) ② FILE: 19868

③ JURISDICTION: CHAR ④ TAX PARCEL NO.: Pa 231-031-25,11

⑤ SUBDIVISION: Providence Forest ⑥ LOT: 9 ⑦ BLOCK: C

OWNER

⑧ NAME: Harry Gessner & Co. Inc (FIRST) (MIDDLE) (LAST)

⑨ MAILING ADDRESS: P.O. Box 898

⑩ CITY: Matthews ⑪ STATE: NC ⑫ ZIP: 28106

⑬ PHONE: (WORK) 704 847 8823 ⑭ (HOME)

REQUEST

This request is for a(n):

⑮ ☑ New permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Bill Bondurant

Date: 9-26-86

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.

LIFT PUMP WILL BE REQUIRED

Kelly Randall, 10-29-86
Environmentalist Date

D. Daniel R.S. 10-29-86
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.

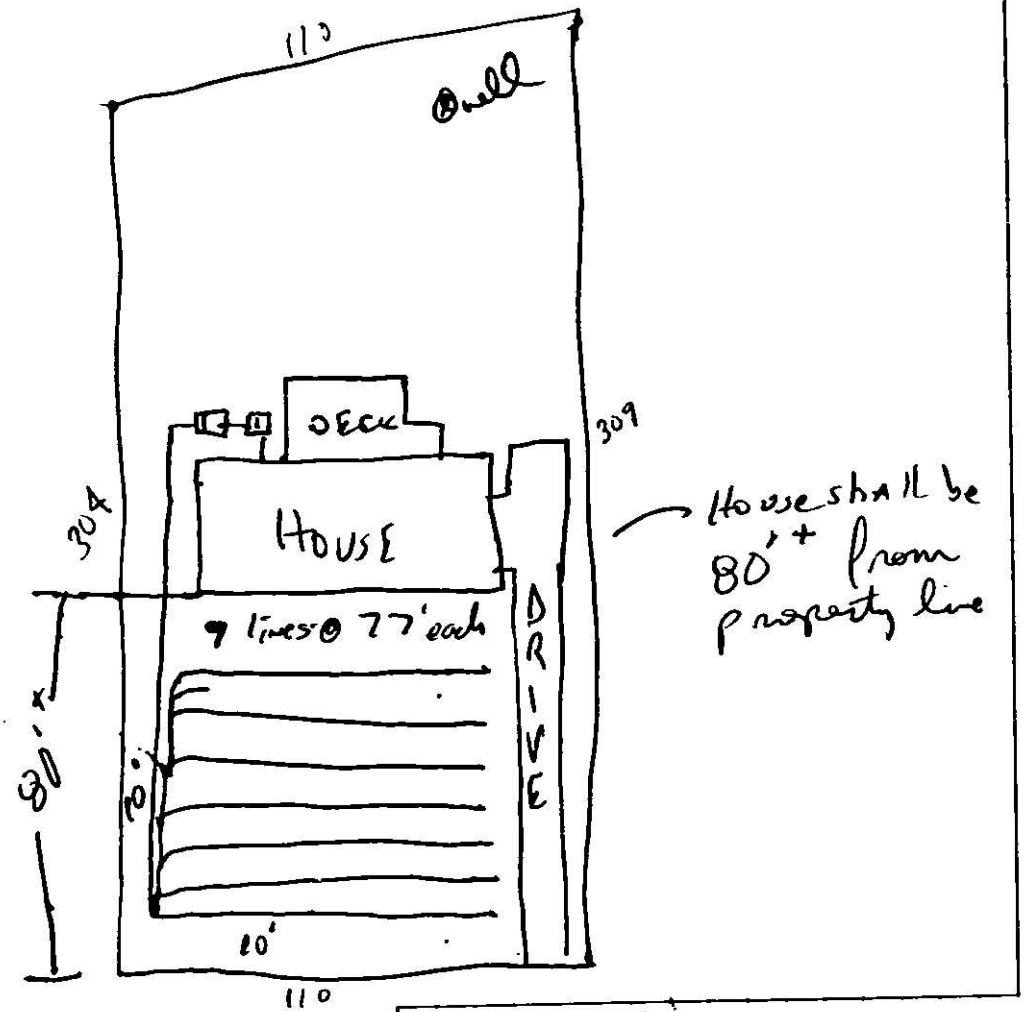
PROPOSED PLOT PLAN

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

FILE: 19868

TC: PO 231 031-25, 11

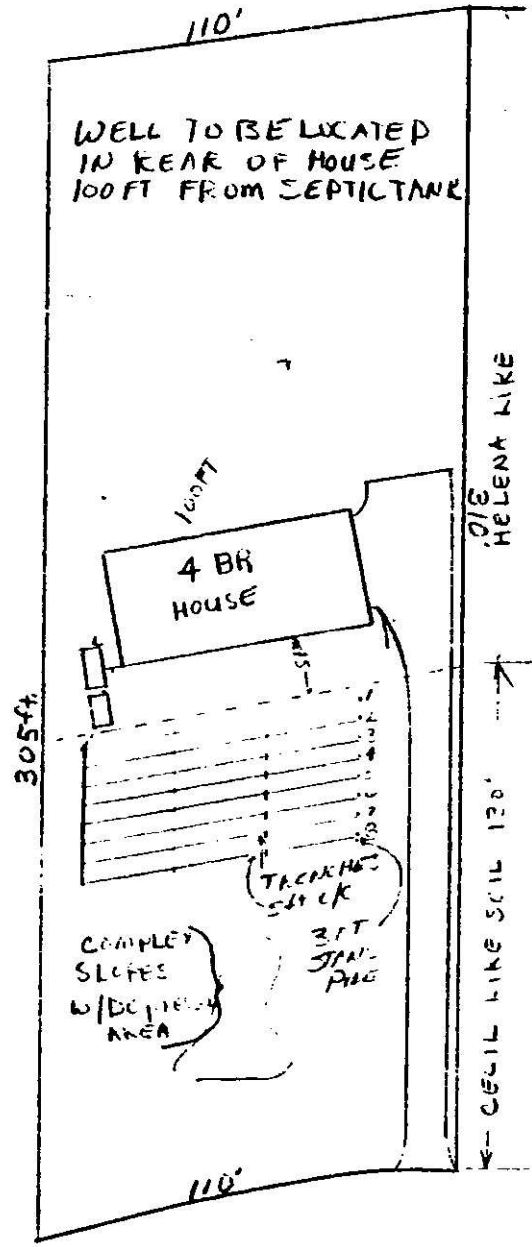
Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



Signed: Bill Bridwell

Date: 10-29-96

HARRY GRIMMER & CO.
4900 PROVIDENCE FOREST LANE
Lot #9 Block C
APT No. 19868
DEED BOOK 4627 + 4518 PAGE 111 + 604



PLAN FOR LOW PRESSURE PIPE SEPTIC SYSTEM AS APPROVED / AS DIRECTED IN LETTER FROM B.H.D. HARRISTOWN JR. DATED 9-5-83.

SEPTIC TANK AND PUMP TANK TO BE INSTALLED IN ACCORDANCE WITH MECKLENBURG COUNTY STANDARDS. PRESSURE HEAD TO BE REGULATED BY ONE (1) GATE VALVE TO BE INSIDE PUMP CHAMBER. PUMP CHAMBER TO HAVE ACCESS MANHOLE TO EXTEND 6" ABOVE ~~GRADE~~ FINISHED GRADE AND BE EQUIPED WITH HIGH LEVEL ALARM SYSTEM WHICH WILL BE ON SEPERATE ELECTRICAL CIRCUIT FROM EFFLUENT PUMP

ALL TRENCHES TO BE 6" IN WIDTH AND 75 FT IN LENGTH MAXIMUM DEPTH OF TRENCHES SHOULD BE NO MORE THAN 18". STONE DEPTH UNDER ~~LATERALS~~ LATERALS SHOULD BE 6" AND LATERAL PIPE COVERED WITH STONE. LATERALS WILL BE INSTALLED ON CONTOUR OF LAND AS CLOSE AS POSSIBLE. TRENCHES WILL BE A MINIMUM OF 3 FT. C/C AND HAVE A DIRT DAM EVERY 25 FT.

AT TIME OF SITE PREPERATION CARE SHOULD BE TAKEN NOT TO REMOVE ANY SOIL. AFTER INSTALLATION AREA SHOULD BE BLOCKED TO ALL VEHICLES AND HEAVY EQUIPMENT ALL SURFACE WATER WILL BE DIVERTED AS NOT TO DRAIN OVER DRAINAGE TRENCHS ALL TRENCHES WILL BE INSTALLED WITHIN 120 FT. FROM FRONT PROPERTY LINE.

HARRY GRIMMER & CO.
9900 PROVIDENCE FOREST LANE
LOT 9 BLOCK C

DAILY WASTE FLOW- 480 GAL. PER DAY
SEPTIC TANK SIZE- 1500 GAL.
PUMP TANK SIZE - 1000 GAL.
EFFLUENT LOADING RATE - .17 GAL. PER SQ. FT. PER DAY
ABSORPTION AREA- 2823 SQ. FT.
TOTAL LENGTH OF LATERALS - 576 FT.
LATERAL DIAMETER - 1¼ IN. SCH. 40 PVC
LATERAL CONFIGURATION - 8@ 72 FT.
SUPPLY LINE LENGTH - APPROX. 40 FT.
SUPPLY LINE DIAMETER - 2IN SCH. 40 PVC
MANIFOLD PLACEMENT - END
ELEVATION HEAD - APPROX. 7 FT. Pressure Head 3'
FRICTION HEAD - 5.84 FT.
TOTAL HEAD - ~~12.84~~ FT. 15.84'
PUMP - WPO 311L GOULDS
STORAGE IN LATERALS - 36.76 GAL.
STORAGE IN SUPPLY LINE - 6.48 GAL.
TOTAL STORAGE VOLUME - 43.24 GAL.
DOSING VOLUME - 240 GAL.
DOSING DEPTH - 13 IN. — Verify on site at time of Final
CHECK VALVE -YES

LINE #	HOLE SIZE	HEAD PRESSURE	FLOW/HOLE	NO. HOLES	SPACING	FLOW / LINE
1	5/32"	3 FT.	.50 gpm	13	5'0" ~~5.23~~ FT.	6.50 gpm
2	5/32"	2.85'	.49[illegible] gpm	13	5'0" 5.23 FT.	6.37 gpm
3	5/32"	2.70'	.47[illegible] gpm	13	5'0" 5.23 FT.	~~6.29~~ gpm 6.11
4	5/32"	2.55'	.46[illegible] gpm	14	5'0" 4.85 FT.	6.44 gpm
5	5/32"	2.40'	.45[illegible] gpm	14	5'0" 4.85 FT.	6.30 gpm
6	5/32'	2.25'	.43[illegible] gpm	15	5'0" 4.53 FT.	~~6.60~~ gpm 6.45
7	5/32"	2.10'	.42[illegible] gpm	15	5'0" 4.53 FT.	6.30 gpm
8	5/32'	2.00'	.41[illegible] gpm	16	4'8" 4.25 FT.	6.56 gpm

51.03

TOTAL FLOW -51.36 GPM
TOTAL NO. HOLES -113
ALL HOLES TO BE AT LEAST 30" FROM END OF PIPE

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

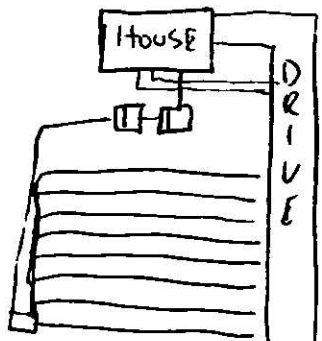
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 19868 DATE: 3-25-87

TC: PO 231-031-25-1610 L

SERIAL № 10701

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 9-26-86. All work shall be completed on or before 9-25-87, 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 Department of Environmental Health 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 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Total Line Length 535 feet

Number of Lines 8

Depth of Stone 12 inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well 50 feet

NAME OF OWNER HARRY GRIMMER + CO INC

LOCATION OF PROPERTY 9900 PROVIDENCE FOREST LN

Comments: 8 line x 67' long x 3' wide x 12" rock

S L Travis
Division or Section Head

Kelly Randall
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 Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

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

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 14668 DATE: 4-1-87

TC: 231-031-25 11 ☐ L ☑ CRT

SERIAL № 10075

Name of Owner HARRY CRIMMER + W JR Juris.:

Address of Property 9900 PROVIDENCE FOREST LN

Inspection Data:

Tank Material PCC

Total Length of Drainfield 535

Number of Lines 3 @ 67

Cover Depth 1'

Water Supply Source city

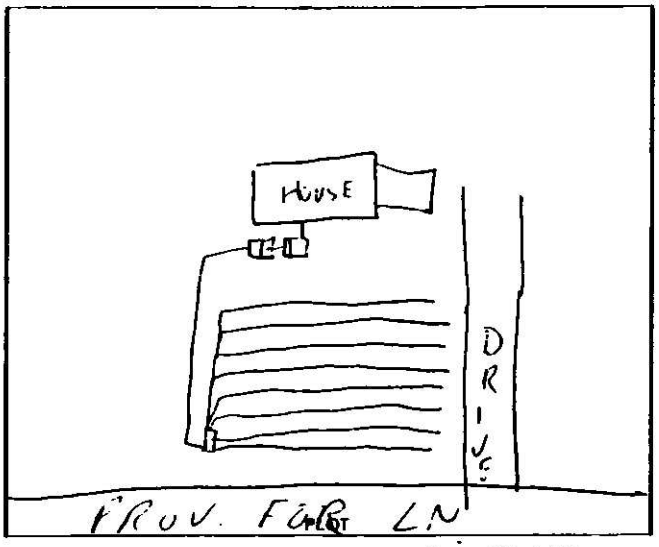
Distance to Water Source city

Excavation Inspected 4-1-87

Tank(s) Inspected 4-1-87

Wash Line Inspected -

High Water Alarm Inspected 4-1-87



Design: 1987 1500 ST 1000 DT PI CON 1605 LFT 12G CECIC PROJECT CTR# 99

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:

Wally Caldwell
Environmentalist

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