

18334 NANTZ RD

00186127

6/8/2007

duponbj

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
Environmental Health Division
Groundwater & Wastewater Services

June 24, 2005

Paul Mrzlak
18334 Nantz Road
Cornelius, NC 28031

Dear Mr. Mrzlak:

Re: Bacteriological Well Sample Results

Enclosed you should find a copy of the laboratory analysis of the well water sample that was collected at 18334 Nantz Road on June 20, 2005.

The laboratory analysis of the well water sample was reported to be POSITIVE for total coliform bacteria.

At this time it is recommended that you chlorinate your well and then contact our office to have the well resampled. I am enclosing information for your review that outlines well chlorination procedures. There is no additional fee for resampling your well, one time, for total and fecal coliform bacteria.

A copy of the septic system inspection report is also being included for your review.

Please contact me at (704) 336-5568 if you have any questions concerning this matter.

Sincerely,

Trevor Thomason, R.S.I.
Managed Systems Program Coordinator
Groundwater & Wastewater Services

Enclosures (3):

CHARLOTTE

Laboratory Analysis Report

Report Date: 6/23/2005 01:27 PM

LABORATORY SERVICES DIVISION

LOCATION: 5982A
LOC ID: G-GWS
SAMPLE DATE-TIME: 6/20/2005 14:50
SAMPLE DESCRIPTION: Grab

SAMPLE ID: AB40072
CHAIN OF CUSTODY #: 05060406

	Parameter	Result	Units	RL	Method	Start Date/ Time	Analyst
AB40072	**E. COLI-PA**	**absent**	**P/A**		SM 9223B	6/21/2005 8:40	KEK
AB40072	**Total Coliform**	**present**	**P/A**		SM 9223B	6/21/2005 8:40	KEK

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

CHAIN OF CUSTODY RECORD

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

PAGE 1 OF 1

CLIENT: MECKLENBURG COUNTY, LUESA - GROUNDWATER AND WASTEWATER SERVICES

FACILITY: GROUNDWATER (Potable Water) - Paul Mrzlak

LOCATION / ADDRESS: 18334 Nantz Rd., Cornelius NC 28031

LAB CODE (circle one): REAL PRIV NEW TNC MPL (PME) OTHER

Send Report To: Trevor Thomason, 700N Tryon St. Ste. 205, Charlotte, NC 28202

COC#: 050604106

Sampled By (Print Name): Trevor Thomason

AB 40072

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System	Sample Temperature: Collection Temp	Sample Temperature: Receipt Temp	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: Total Coliform	Nitrate	Nitrite	Nitrate + Nitrite	Fluoride	Hardness	Metals	Fecal Coliform	Fecal Strep	Pest/PCB, EPA 608	Herb, EPA 8151	VOA, EPA 8260	Semis, EPA 8270
GWS-5982A	TCT	6/20/2005 14:50		N		21.3				X	100 ml		1						X		X											

NOTES: Complete yellow shaded sections; each "X" needs to be circled.

Itemize requested Metals here:

COMMENTS: ****3-DAY TAT REQUESTED****

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
		6/21/04	0825
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 05; effective 03/15/2005

CODES: **REAL**=REAL ESTATE TRANSACTION **PRIV**=PRIVATE WELL SAMPLING BY REQUEST OR FOR REPAIR **NEW**=NEW WELL (PERMIT)

N.C. Department of Environment and Natural Resources
Division of Environmental Health

Inspection of Engineered Subsurface Wastewater System

Mecklenburg County **Health Department**	Mrzlak Residence **Name of Establishment**	5982A **Permit/Project No.**
18334 Nantz Rd., Cornelius 28031 **Location**	3-Bedroom House **Type of Establishment**	360 GPD **Design Flow**
Paul & Lorraine Mrzlak **Owner/Agent**	Same as location address **Address**	(704) 892-5209 **Phone**
Not Required **Operator**	N/A **Address**	N/A **Phone**
IV **System Type**	6/20/2005 **Date of Inspection**	June 2008 **Next Inspection Due**

	Yes	No	N/A	Comments:
1. ESTABLISHMENT:				
a. Type, size, and sewage flow in accordance with permit?	☒	☐	☐	1.a. Small trickle into pump tank. Check for leaking toilets in house.
2. COLLECTION SYSTEM:				
a. No evidence of leaks into or out from sewer lines/manholes?	☒	☐	☐	
b. Free of blockages/solids buildup in lines or manholes?	☒	☐	☐	
3. TANKAGE: (Grease Traps/Lift Stations/Septic/Dosing Tanks)				
a. Tank risers accessible and surface water diverted?	☒	☐	☐	
b. Tanks and access manholes structurally sound, watertight?	☒	☐	☐	
c. Sanitary tee(s) in good working condition?.....	☐	☐	☒	3.c. Sanitary tee not inspected.
d. Tanks pumped, cleaned out as needed?.....	☐	☒	☐	3.d. Recommend pumping both tanks.
4. RAW SEWAGE LIFT STATION (if present):				
a. Required pumps present, operating, and cycling properly	☐	☐	☒	
b. High-water alarm present and operating properly?	☐	☐	☒	
c. Floats/pipe/valves/disconnects in good condition?	☐	☐	☒	
5. EFFLUENT DOSING SYSTEM:				
a. Effluent appears clear, free of excess solids?	☐	☒	☐	5.a. Measured >8" of solids in the pump tank.
A. PUMP SYSTEMS:				
a. Required pumps present, operating, and cycling properly?	☒	☐	☐	
b. High-water alarm present and operating properly?	☒	☐	☐	5.A.b. Alarm mounted indoors.
c. Floats/pipe/valves/disconnects in good working condition?	☒	☐	☐	
d. Control panel enclosure/components in good condition?	☐	☒	☐	5.A.d. Junction box is loose and conduit is not sealed.
e. Elapsed time readings: _____ _____ _____ _____				
B. SIPHON SYSTEMS:				
a. No evidence of overflow or siphon leakage?	☐	☐	☒	
b. Siphon(s) appear to be working/alternating properly?	☐	☐	☒	
c. Bells and vents free of debris and in good condition?	☐	☐	☒	

6. GROUND ABSORPTION FIELDS:

a. No evidence of effluent surfacing/reaching surface waters?	☒	☐	☐	
b. Minimal ponding in subsurface trenches?	☒	☐	☐	
c. Surface water being effectively diverted away?	☒	☐	☐	
d. Diversions/ditches/swales/tiles drains properly maintained?	☒	☐	☐	
e. Line cover/vegetation adequate/maintained as needed?	☒	☐	☐	
f. Protected from traffic, destructive uses?	☒	☐	☐	
g. Distribution devices in good condition, working properly?	☒	☐	☐	
h. Repair area properly reserved, maintained?	☒	☐	☐	

A. LOW PRESSURE PIPE DRAIN FIELDS:

a. Turnups/cleanouts/valves intact and accessible?	☒	☐	☐	6.A.a. Valve boxes damaged.
b. No effluent standing in lower laterals?	☒	☐	☐	
c. Laterals free of excess solids, cleaned out as needed?	☐	☐	☒	6.A.c.d. Services to be performed by
d. Pressure head is properly adjusted?	☐	☐	☒	a Certified Operator.

OVERALL CONDITION AND OPERATION OF SYSTEM:

No problems detected with system operation at the time of inspection.

No sewage observed on ground surface at the time of inspection.

SUMMARY OF REPAIRS REQUIRED AT THIS TIME:

1. Pump both tanks (septic & dosing) to remove excess solids. Failure to remove excess solids from the tanks can create problems in the drain field by creating blockages in the lines and reducing the soil's ability to accept and treat effluent.

***REPAIR WITHIN 30 DAYS.**

SYSTEM MAINTENANCE/IMPROVEMENTS REQUIRED:

*The MCHD recommends having the tanks (septic & dosing) pumped out every 3 to 5 years to remove excess solids.

1. Identify & correct leaking fixture/s in house.
2. Replace damaged valve boxes & lids as needed.
3. Secure electrical junction box and seal electrical conduit at both ends.
4. Recommend having a Certified Operator service the system at least once a year.

DATE: 6/21/2005

SIGNED: _____, RSI AGENT

Division of Environmental Health

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

COPY

Receipt Information

Date:	05/23/05	**Amount:**	85.00
Receipt #:	34732	**Tendered:**	85.00
Check / Auth #:	CHECK 3772	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #:	200000
Contractor:	MRZLAK LORRAINE N
Attn:	
Address:	18334 NANTZ RD
Address:	
City/State/Zip:	CORNELIUS, NC 28031

Item	Description	Permit#	Quantity	Unit Price	Total Price
0743	Hmeownr Maint Inspec-Type IIIB FILE #5982A/PH 704-892-5209		1	85.00	85.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

DEED BOOK PAGE

3811 0570

Printed and Sold by Pound & Moore Co., Charlotte, N. C.
FORM R. D. 111

PRESENTED FOR REGISTRATION
1975 DEC 30 PM 4 54
CHARLES E. CROWDER
REGISTER OF DEEDS
MECKLENBURG CO. N.C.

STATE OF NORTH CAROLINA

MECKLENBURG County.

This Deed

Made this 24th day of December, A. D. 19 75 by and between

146

W. TAYLOR BLACKWELL and wife, IRENE E. BLACKWELL

of the County of Mecklenburg and State of North Carolina

Parties of the first part, and

JOE DANIEL WENTZ and wife, EDNA K. WENTZ

of the County of Mecklenburg and State of North Carolina

part ies of the second part:

WITNESSETH, that the said part ies of the first part, in consideration of One Hundred Dollars and other valuable considerations ---------- Dollars to them paid by the part ies of the second part, the receipt of which is hereby acknowledged, ha ve bargained and sold, and by these present do grant, bargain, sell and convey unto the said parties of the second part and their heirs, all that certain tract of land, situate, lying and being in Lemley Township, Mecklenburg County, State of North Carolina, and more particularly described and defined as follows:

BEGINNING at the southwesterly corner of that certain tract of real estate described in the Deed recorded in Deed Book 3670 at Page 563 in the Mecklenburg County Public Registry from the parties of the first part herein to Bobby Don Lawing and wife, Margie Davis Lawing, said point also being located in the center line of Nantz Road and running thence from said beginning point and with the southerly line of the aforesaid Lawing property (now or formerly) S. 82-33-50 E. 416.18 feet to a point located at the southeasterly corner of the aforesaid Lawing property; thence the following courses and distances with elevation 760 feet above mean sea level, U.S.G.S. datum; (1) S. 8-05 E. 41.9 feet to a point; (2) S. 41-25 W. 70.4 feet to a point; (3) S. 68-43 W. 92.80 feet to a point; (4) thence S. 73-23 E. 74.4 feet to a point located at the southeasternmost corner of that certain tract of real estate conveyed to the parties of the first part herein by the Deed recorded in Deed Book 3547 at Page 440 in the Mecklenburg County Public Registry; thence N. 88-05 W. 61.4 feet to a point; thence N. 84-18 W. 361.3 feet to a point located in the center line of the said Nantz Road; thence with the center line of Nantz Road, N. 31-56 E. 72.3 feet to a point located in the center line of the said Nantz Road; thence continuing with the center line of Nantz Road N. 14-25 E. 100 feet; thence to the point and place of beginning, and being all of Lots E and F of the property of W. T. Blackwell as shown upon a survey thereof by T. L. Brotherton, N.C.R.L.S., dated March, 1973, reference to which survey is hereby made for a more particular description of the aforesaid lots.

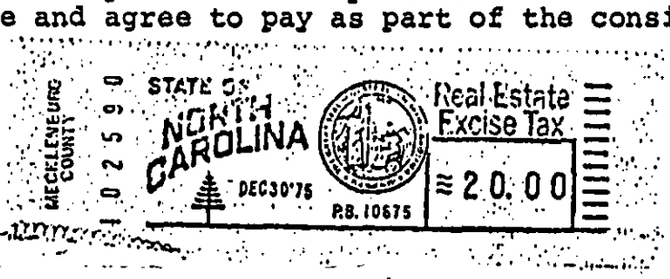
729B7ft

(over)

BEING a portion of the same property conveyed to the parties of the first part herein by the Deed recorded in Deed Book 3547 at Page 440 in the Mecklenburg County Public Registry. This conveyance is made subject to those certain restrictive covenants contained in the Deed recorded in Deed Book 3670 at Page 563 in the Mecklenburg County Public Registry, which restrictive covenants are incorporated herein by reference.

TO HAVE AND TO HOLD the aforesaid tract of land and all privileges and appurtenances thereto belonging, to the said parties of the second part, their heirs and assigns, to their only use and behoof forever.

And the parties of the first part, for themselves their heirs, executors and administrators, covenants with the said parties of the second part, their heirs and assigns, that they are seized of said premises in fee, and have the right to convey the same in fee simple; that the same are free and clear from all incumbrances, and that they will warrant and defend the said title to the same against the lawful claims of all persons whomsoever, except any and all enforceable easements, reservations and restrictions of public record specifically including but not limited to the restrictive covenants contained in the Deed recorded in Deed Book 3670 at Page 563 in the Mecklenburg County Public Registry, and except for the lien of the 1975 ad valorem taxes which after proration the parties of the second part herein hereby assume and agree to pay as part of the consideration for this Deed.



IN TESTIMONY WHEREOF, the said parties of the first part to these presents have hereunto set their hands, and seals, the day and year above written.

SIGNED, SEALED AND DELIVERED IN THE PRESENCE OF

W. Taylor Blackwell (Seal)
W. Taylor Blackwell

(Seal)

Irene E. Blackwell (Seal)
Irene E. Blackwell

(Seal)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

In consideration of the sum of One Hundred Dollars ($100) the receipt of which is hereby acknowledged Lawrence M. Kimbrough, Trustee in that certain Deed of Trust recorded in Book 3554 at Page 539 in the Mecklenburg County Public Registry does hereby release unto Joe Daniel Wentz and wife, Edna K. Wentz the grantees named in the foregoing Deed and unto their heirs and assigns the property described in the foregoing Deed; to have and to hold unto the said Joe Daniel Wentz and wife, Edna K. Wentz their heirs and assigns the said property forever freed and discharged from the lien and operation of the aforesaid Deed of Trust, but reserving all other rights and privileges not expressly released hereby.

This 22nd day of December, 1975.

Lawrence M. Kimbrough (SEAL)
Lawrence M. Kimbrough, Trustee

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Lutrille J. Justice, Notary Public in and for said County and State aforesaid, do hereby certify that Lawrence M. Kimbrough, Trustee in that certain Deed of Trust recorded in Book 3554 at Page 539 in the Mecklenburg Public Registry personally appeared before me this day and acknowledged the due execution of the foregoing release.

WITNESS my hand and notarial seal this 22nd day of December, 1975.

Lutrille J. Justice
Notary Public

My commission expires: 1-25-76

DEED BOOK PAGE

3811 0573

STATE OF NORTH CAROLINA
County of MECKLENBURG } ss.

I, Lutrelle T. Justice a Notary Public
for said County and state aforesaid do hereby certify that

W. Taylor Blackwell and Irene E. Blackwell
his wife, personally appeared before me this day and
acknowledged the due execution of the foregoing ~~xxxxxxxxx~~ instrument;
~~xxxxxxxx

N. C. Department of Environment and Natural Resources
Division of Environmental Health

INSPECTION OF ENGINEERED SUBSURFACE WASTEWATER SYSTEM

Mecklenburg — Health Department
59824 — Permit/Project No.
Name of Establishment
residence — Type of Establishment
360 gpd — Design Flow
18334 Nantz Road — Location
Paul R. Mrzlak, 18334 Nantz Road, Cornelius, 28031 — Owner/Agent, Address
Phone
N/A installed prior to 7-1-92 — Operator, Address
Phone
Remarks: Type IV a system

	Yes	No	REMARKS
1. ESTABLISHMENT:			
Type, size, and sewage flow in accordance with permit?	☑	☐	
2. COLLECTION SYSTEM:			
No evidence of leaks into or out from sewer lines/manholes?	☐	☐	
Free of blockages/solids buildup in lines or manholes?	☐	☐	
3. TANKAGE (Grease Traps/Lift Stations/Septic/Dosing Tanks):			
Tank risers accessible and surface water diverted?	☑	☐	Recommended pumping septic tank
Tanks and access manholes structurally sound, watertight?	☑	☐	
Sanitary tee(s) in good working condition?	☐	☐	
Tanks pumped, cleaned out as needed?	☐	☐	
4. RAW SEWAGE LIFT STATION (if present):			
Required pumps present, operating, and cycling properly?	☐	☐	
High-water alarm present and operating properly?	☐	☐	
Floats/pipe/valves/disconnects in good working condition?	☐	☐	
Control panel enclosure/components in good condition?	☐	☐	
5. EFFLUENT DOSING SYSTEM:			
Effluent appears clear, free of excess solids?	☐	☐	
PUMP SYSTEMS:			
Required pumps present, operating, and cycling properly?	☑	☑	
High-water alarm present and operating properly?	☑	☑	
Floats/pipe/valves/disconnects in good working condition?	☑	☐	some cracking around 3L box
Control panel enclosure/components in good condition?	☑	☐	
Elapsed time readings: _____ _____ _____			
SIPHON SYSTEMS:			
No evidence of overflow or siphon leakage?	☐	☐	
Siphon(s) appear to be working/alternating properly?	☐	☐	
Bells and vents free of debris and in good condition?	☐	☐	
6. GROUND ABSORPTION FIELDS:			
No evidence of effluent surfacing/reaching surface waters?	☐	☑	Sewage surfacing in lower line after pump has run a few minutes
Minimal ponding in subsurface trenches?	☐	☑	
Surface water being effectively diverted away?	☑	☐	Owner stated that system has never been flushed and regulated. I gave the owner instructions on how to properly flush and regulate, + also offered to assist when this is done.
Diversions/ditches/swales/tile drains properly maintained?	☑	☐	
Line cover/vegetation adequate/maintained as needed?	☑	☐	
Protected from traffic, destructive uses?	☑	☐	
Distribution devices in good condition, working properly?	☑	☐	
Repair area properly reserved, maintained?	☑	☐	
LOW-PRESSURE PIPE DRAIN FIELDS:			
Turnups/cleanouts/valves intact and accessible?	☐	☑	Turnups and valves are covered, however, they are enclosed in cast iron valve boxes and shald be easy to locate.
No effluent standing in lower laterals?	☐	☑	
Laterals free of excess solids, cleaned out as needed?	☐	☑	
Pressure head is properly adjusted?	☐	☑	

OVERALL CONDITION AND OPERATION OF SYSTEM: System is overloading on lower lines - flushing system and regulating head pressure should eliminate this.

SUMMARY OF IMPROVEMENTS NEEDED:

Improvement	Repair Within (Days)
Flush and regulate system	30

DATE: 6-22-99 SIGNED: Larry B. Thompson, Jr., L.S. AGENT
Division of Environmental Health

DENR 3702 (Revised 3/98)
On-Site Wastewater Section (Review 12/98)

– over –

SUMMARY OF IMPROVEMENTS NEEDED (cont.)

Improvement	Repair Within (Days)

INTENT TO SUSPEND OR REVOKE PERMIT

This is to notify you of intent to suspend/revoke your operation permit/certificate of completion 60 days from this date for the following
(circle one) *(circle one)*

violations: _____
[Law or Rule(s)]

If suspended, the operation permit or certificate of completion remains suspended until violations are corrected. A hearing will be held prior to suspension or revocation if you file a petition for a hearing with the Office of Administrative Hearings, P. O. Drawer 27447, Raleigh, NC 27611-7447, in writing within the number of days specified above of your intent to attend the hearing. If you do not petition the Office of Administrative Hearings, the operation permit or certificate of completion will be suspended or revoked.

IMMEDIATE SUSPENSION OR REVOCATION OF PERMIT

This is to notify you of immediate suspension/revocation of your operation permit/certificate of completion for the following violations:
(circle one) *(circle one)*

_____
[Law or Rule(s)]

If suspended, the permit or certificate remains suspended until the violations are corrected. You will be notified of the day and location of a hearing on this suspension or revocation by a hearing officer from the Office of Administrative Hearings.

This the _____ day of _____, 19 _____.

_____ Agent
DIVISION OF ENVIRONMENTAL HEALTH

INSTRUCTIONS

Purpose: Article 11 of Chapter 130A requires the Commission for Health Services to adopt rules governing the design, construction, and operation of on-site wastewater systems. 15A NCAC 18A .1937 specifies that the local health department shall determine whether systems with an Operation Permit are operating properly at a frequency specified in Rule .1961, Table V(a), and that systems which exceed 3,000 gallons per day and other systems which are required to be designed by a professional engineer shall be reinspected annually. This form is developed to be used in making inspections of engineered subsurface wastewater systems.

Preparation: Local environmental health specialists shall complete the form every time they conduct an inspection. Prepare an original and two copies for:

1. Original to be left with the responsible person.
2. Copy for the local health department.
3. Copy for the On-Site Wastewater Section, Division of Environmental Health.

In the event the permit is suspended or revoked, complete the portion above.

Disposition: This form may be destroyed in accordance with Standard 7, Inspection Records, of the *Records Disposition Schedule* published by the N.C. Division of Archives and History.

Additional forms may be ordered from: On-Site Wastewater Section
Division of Environmental Health
P. O. Box 29594
Raleigh, NC 27626-0594
(Courier 52-01-00)

pd. 85.00
ck # 2298
VLW
6-15-99

MAINTENANCE INSPECTION STATEMENT

MECKLENBURG COUNTY HEALTH DEPARTMENT

COPY

Paul R. & Lorraine N. Mrzlak
18334 Nantz Road
Cornelius, NC 28031

Please Make Check Payable To:

Mecklenburg County Health Department
700 N. Tryon Street, Ste 211
Charlotte, NC 28202

Note: THIS COMPLETED FORM MUST ACCOMPANY PAYMENT!

DESCRIPTION OF PROPERTY

Name	Site Address	Tax Parcel	File #	# Bedroom	System Type
Paul R. & Lorraine N. Mrzlak	18334 Nantz Road	001-051-35	5982A	3	IIIB

Total Amount Due: $85.00

Please use the space below, to make any corrections to property information.

6-21-99 OSV
- System could use activity

Name _____

Site Address _____

_____

Bedrooms _____

BILL INFORMATION

Billing Date	Payment Due Date
4/13/99	5/13/99

Direct Questions Concerning This Bill To ..... (704) 336-5102

☐ *Please check if you have a well.*

Make Check Payable To Mecklenburg County Health Department
Your Canceled Check Is Your Receipt

DO NOT SEND CASH

000206

REAL ESTATE
BOOK PAGE
6153 0399

PRESENTED FOR REGISTRATION

FILE NO. S982A

STATE OF NORTH CAROLINA 89 NOV 10 PM 2:52

COUNTY OF MECKLENBURG

ALICE H. POWERS
REGISTER OF DEEDS
MECKLENBURG CO., N.C.

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

The undersigned, MADY CONSTRUCTION COMPANY, INC.

owner of property located at 18326 NANTZ RD. Huntersville NC. 28078

("the site") and described in an instrument recorded in Book 6103 at Page 301, 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.

MAIL TO:

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 10th day of November, 1989.

ATTEST:
(Corporate Seal)

M.E. Westmoreland
Secretary

MADY CONSTRUCTION COMPANY, INC. (SEAL)

BY: [signature] (SEAL)
President

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 198_.

FEE 8.00
198 8.00
CASH 8.00
15:04 #8440 000
11/10/89

_____
Notary Public

My Commission Expires: _____

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Alice H. Caldwell, a Notary Public for said County and State, do hereby certify that Ronald C. Major personally came before me this day and acknowledged that he is President of Mady Construction Company, Inc., 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 President, sealed with its corporate seal and attested by its secretary.

WITNESS my hand and notarial seal, this 10th day of November, 1989.

Alice H. Caldwell
Notary Public

ALICE H. CALDWELL NOTARY PUBLIC MECKLENBURG COUNTY, N.C.

My Commission Expires: 10-30-94

REAL ESTATE
BOOK PAGE

6153 0400

MECK COUNTY DEPARTMENT OF
RECEIVED
DEC - 4 1989
ENVIRONMENTAL PROTECTION

State of North Carolina, County of Mecklenburg
The foregoing Certificate(s) of Alice H. Caldwell

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 _____ Deputy - Register of Deeds

FILE NO. 5102A

89 NOV 10 PM 2:52

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, MADY CONSTRUCTION COMPANY, INC.

owner of property located at 14326 NANTZ RD.

("the site") and described in an instrument recorded in Book 6103 at Page 301, 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 10th day of November, 1989.

ATTEST:
(Corporate Seal)

M.E. Westmoreland
Secretary

MADY CONSTRUCTION COMPANY, INC. (SEAL)

BY: Ronald C. Major (SEAL)
President

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this _____ day of _____, 19__.

_____
Notary Public

My Commission Expires: _____

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Alice H. Caldwell, a Notary Public for said County and State, do hereby certify that Ronald C. Major personally came before me this day and acknowledged that he is President of Mady Construction Company, Inc., 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 President, sealed with its corporate seal and attested by its secretary.

WITNESS my hand and notarial seal, this 10th day of November, 1989.

Alice H. Caldwell
Notary Public

My Commission Expires: 10-30-94

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: 5982A
TC: _____
SERIAL: № 19476 ☑ L ☑ CRT

JOB LOCATION

① ADDRESS: ~~18326~~ 18324 (STREET NO.) WANTZ (STREET) ROAD Huntersville ② FILE: 5982A

③ JURISDICTION: _____ ④ TAX PARCEL NO.: 001-051-24

⑤ SUBDIVISION: _____ ⑥ LOT: E ⑦ BLOCK: _____

OWNER

⑧ NAME: MADY (FIRST) CONSTRUCTION (MIDDLE) (LAST)

⑨ MAILING ADDRESS: 18804 Hwy 73 west

⑩ CITY: Huntersville ⑪ STATE: NC ⑫ ZIP: 28078

⑬ PHONE: (WORK) 892-5106 ⑭ (HOME) 533-1017

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? 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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Paul Murphy JD

Date: 11-9-89

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 11-14-89

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

Line	Length	Panels in trench	hole size	# holes	line head	flow per hole	line flow	Flag Color
A	60	14	5/32	1	2'	.41	5.74	Lime
B	60	14	5/32	1	2'	.41	5.74	Blue
C	60	14	5/32	1	2'	.41	5.74	Lime
1D	30	7	5/32	1	2'	.41	2.87	Blue
2D	30	7	Repair					"
E	60	14	Repair					Lime
F	55	13	Repair					Blue
G	55	13	Repair					Lime
	410 LF						20.09	gallon/min

Pump cycle 8 3/4 min or 176.4 gallons

Head : 1 ft . 21 ft

friction loss 1 ft

TDH = 22 ft

Pump should be sized to be able to pump 25 ft head at 25 gallon/min

Layout approved
PSW 11/6/89

To: Paul Phipps
Mady Construction

From: Tim Johnson
T J Systems
Rt 2 Box 207
Stony Point, NC 28678

Job: 18326 Nantz Road
File # 5982 A

This design is for a three bedroom home using the 16 inch T and J Panel system. 360 gpd ÷ .3 Application rate = 1200 sq ft ÷ 3 = 400 x .5 = 200 LF of T+J Panel system. This is a pressure distribu design with all values on Page 2 of this design. All state and local rules shall apply and the system shall go in accordance with the manufactures guidelines. All notes on drawing are a part of this lay out. Drain field area shall remain undisturbed from construction of the house.

CERTIFICATE OF COMPLETION/OPERATION PERMIT T & J

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

FILE: 5982A DATE: 4/5/90

TC: 001-051-24 ☒ L ☒ CRT

SERIAL Nº 13212

Name of Owner JOE D. WENTZ Juris.: ?

Address of Property ~~18326~~ 18334 Wentz Rd.

Inspection Data:

Tank Material PCC

Total Length of Drainfield 210 Lin. (3) 2'x60'

Number of Lines 4 @ (1) 2'x30'

Cover Depth 4"

Water Supply Source P/Well

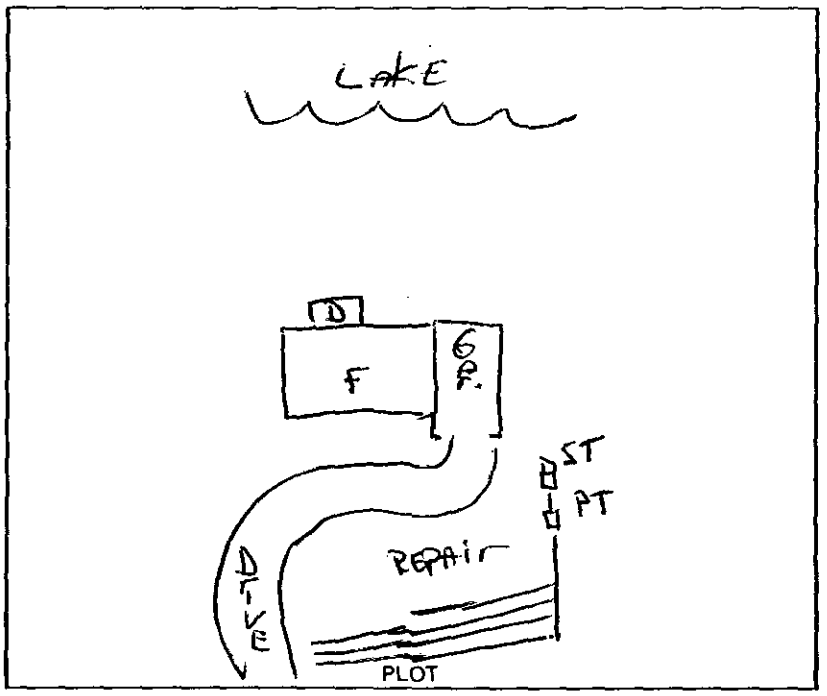
Distance to Water Source >50

Excavation Inspected Y

Tank(s) Inspected Y, Y

Wash Line Inspected —

High Water Alarm Inspected Installed



Design: 1500 ST, 1000 PT PL, 210 Lin.ft, 24" Sand, T & J Panel CTR# 136 MacLeod

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: T & J panel for 3 bedrm., (4) lines - (3) 2'x60'x 24" Sand, (1) 2'x30'x24" Sand. Gould pump - 1/2 hrs.

Tim Whittaker, R.S.
Environmentalist

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

PROPOSED PLOT PLAN

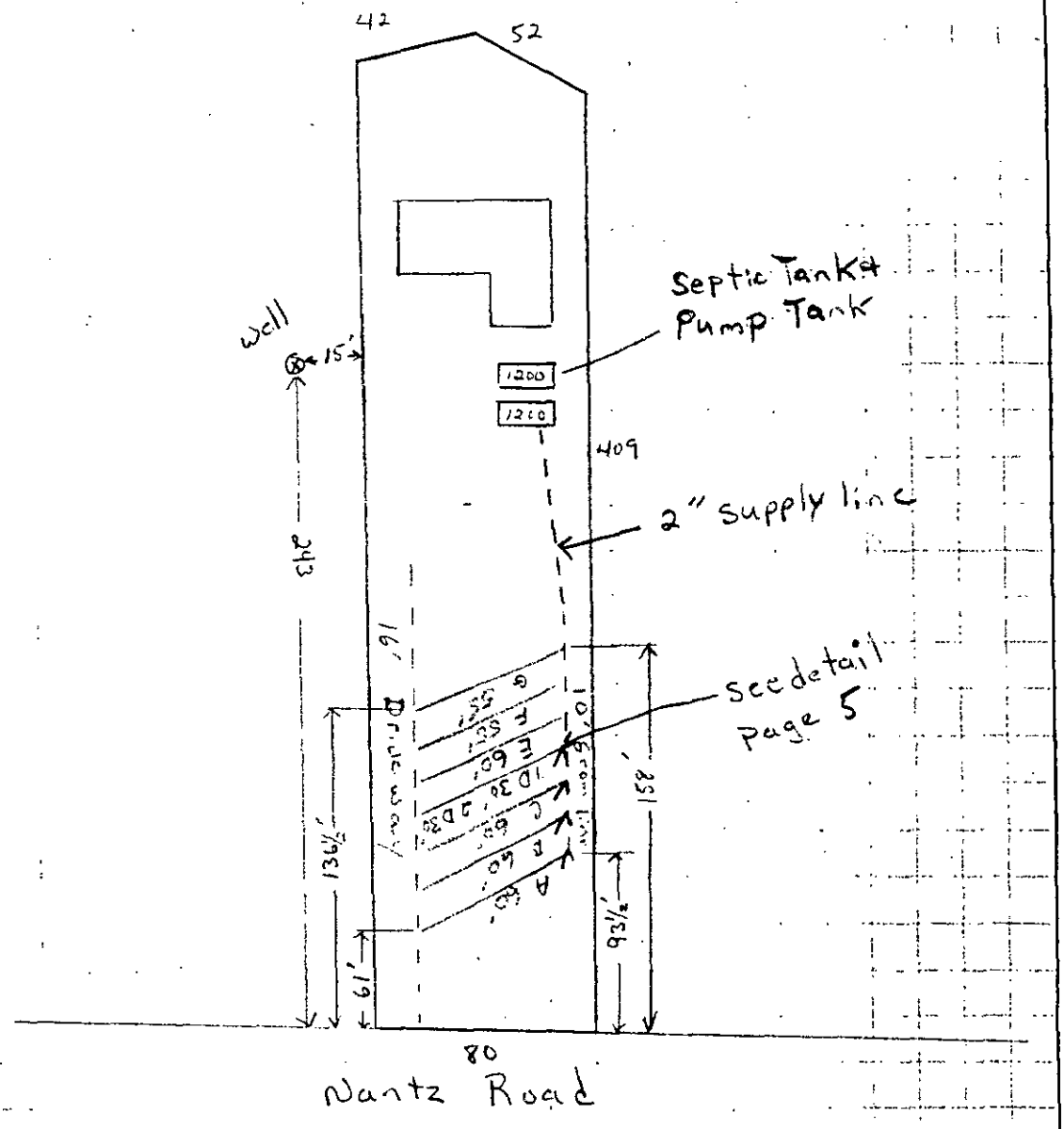
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

FILE: 5982 A

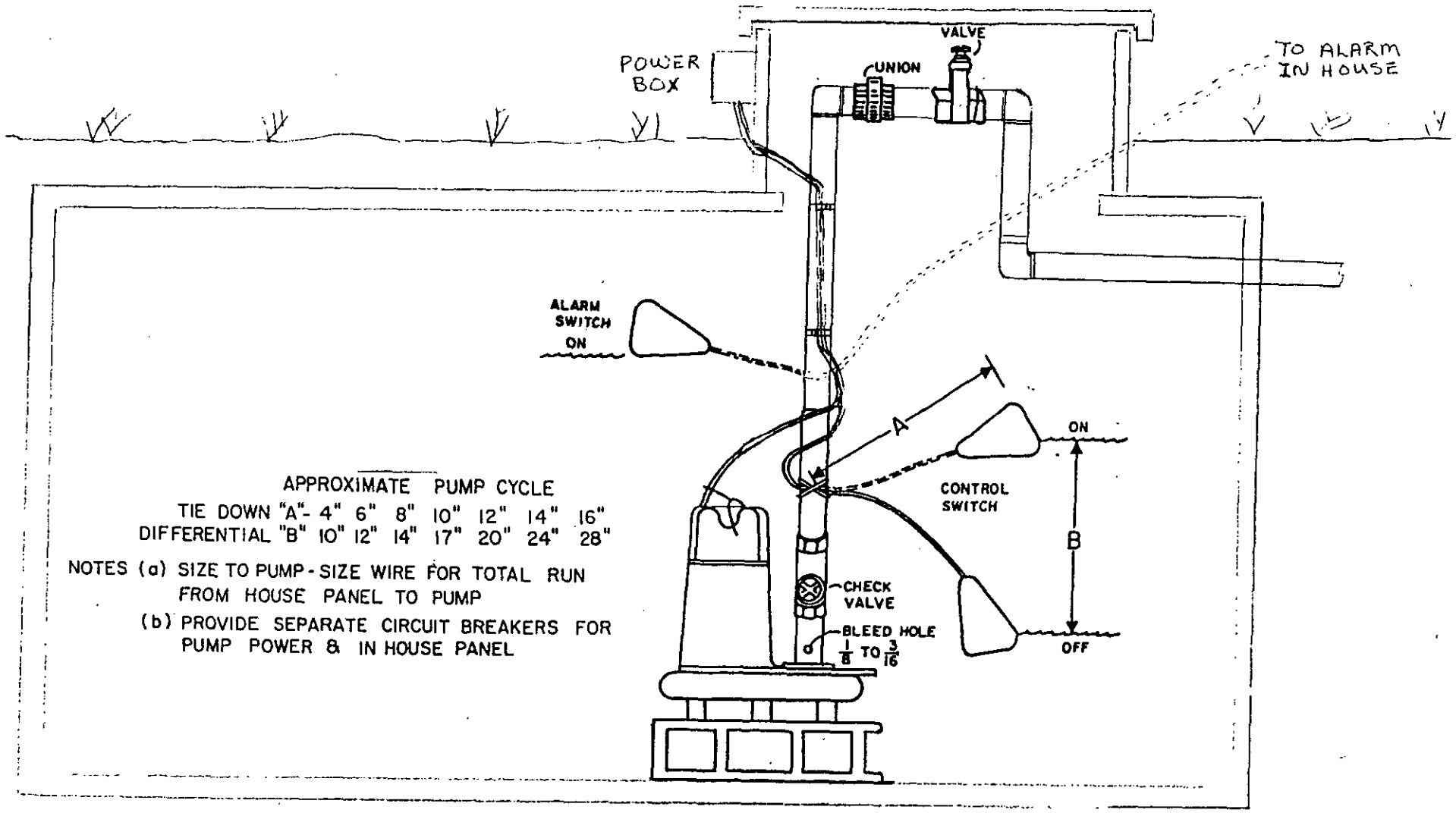
TC: _____

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.



Signed: _____

Date: _____

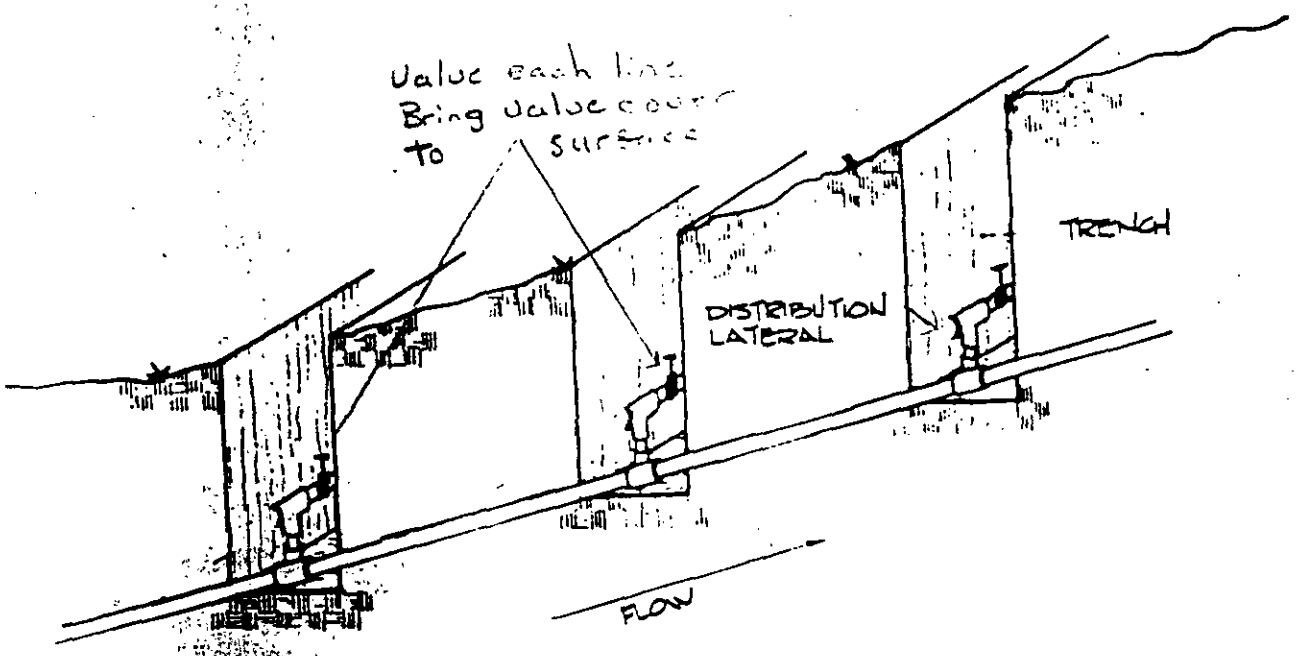


APPROXIMATE PUMP CYCLE

TIE DOWN "A"	4"	6"	8"	10"	12"	14"	16"
DIFFERENTIAL "B"	10"	12"	14"	17"	20"	24"	28"

NOTES (a) SIZE TO PUMP - SIZE WIRE FOR TOTAL RUN FROM HOUSE PANEL TO PUMP

(b) PROVIDE SEPARATE CIRCUIT BREAKERS FOR PUMP POWER & IN HOUSE PANEL



A. PUMPING UPHILL

Mecklenburg County
Health Department

Basil G. Belta, M.D., M.P.H.
Health Director

August 25th, 1989

Joe D. Wentz
18230 Del Ray Drive
Huntersville, NC 28078

RE: Property located at 18326 Nanze Road
FILE: 5982A
PARCEL: 00105124

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 12173) 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, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure (2)

EVALUATION REPORT

FINAL NUMBER № 12173

Parcel: PO 001-051-24 Page 7058 ☐ PC

Location: 18326 Nantz Road

Subdivision: Huntersville, NC 28078

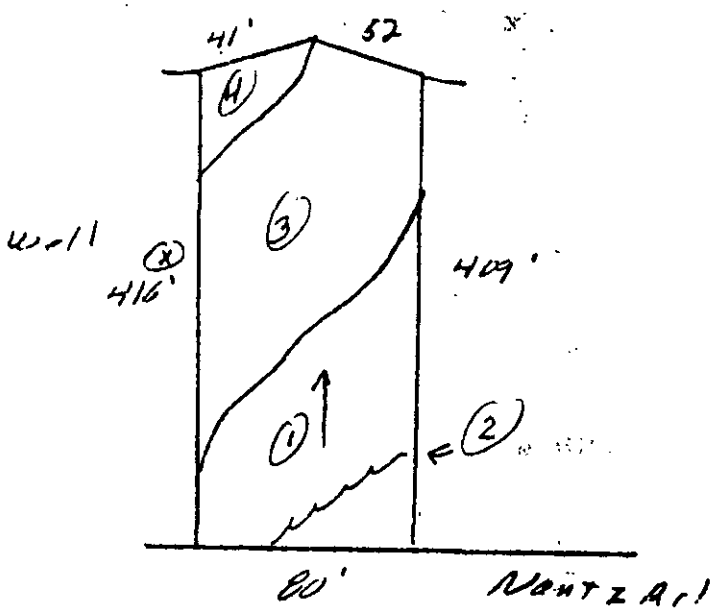
Lot: E Block: Acres: .75

Owner: Joe D. Wentz
Address: 18230 Del Ray Drive
Huntersville, NC 28078

Comments: _____

Described by: William A. Mauldin

Date: 8-25-99



***** 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 6-15%	S PS (U) complex slopes	S PS (U) Depression	(S) PS U 2-8%	S PS U	S PS U
Texture	S (PS) U clay	S PS U —	S PS U —	S PS (U) 2-clay	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U —	S PS U —	S (PS) U Blocky	S PS U	S PS U
Drainage	S (PS) U 736" to water	S PS U —	S PS U —	S (PS) U 736" to water	S PS U	S PS U
Depth	S (PS) U 36"+	S PS U —	S PS U —	S PS (U) 24-28"	S PS U	S PS U
Restrictive Horizons	S (PS) U 736'	S PS U —	S PS U —	S (PS) U 736"	S PS U	S PS U
Available Space	S PS (U) Restricted	S PS U —	S PS U —	S PS (U) Restricted	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	~~PD~~ WA rolling-hills	complex slopes	Depression	WB Vance-Like		
Area Classification	S PS (U)	S PS (U)	S PS (U)	S PS (U)	S PS U	S PS U

DESIGN, INSTALLATION AND MAINTENANCE

OF THE

T & J PANEL WASTEWATER TREATMENT SYSTEM

FOR

SANITARIANS

AND

SEPTIC TANK INSTALLERS

Although this manual is sectioned for specific user groups, we at T & J Panel suggest that you familiarize yourself with the complete manual.

Sanitarians

In the early days of the T & J Panel System, when it was still considered an experimental system, the primary reason for permitting the Panel System was because of insufficient space for a conventional system. Now with inclusion in the Sewage Regulations(10NCAC 10A .1956(3)(a)(ii)), the Panel System should be considered when a quality effluent may be needed, space is limited, usable soil is limited, or there are indications that at some future time, space may be needed for other uses. When there is a trend for added development such as additions to homes, pools, or other special landscaping development the T & J Panel System may prevent insufficient space later. As an example, there was a subdivision where three of five homes in the same block added in-ground pools. Each of these pools impacted the existing nitrification lines. As a sanitarian, if you can foresee such a trend developing, discuss the Panel System with the home owner.

As noted in the regulations, the PPBPS is only permitted where soils are suitable for a conventional system, however, only one-half of the space is needed. The Panel System will allow the use of the best soils on the lot. This system may be gravity fed or pumped using the LP Panel System as described. Most of the concepts for a T & J Panel layout are the same as for a conventional system. The biggest differences are areal area needs and quality of effluent being introduced into the soil.

Conversion

A three bedroom house with a 0.4 gpd application rate. (First three steps are the same as the conventional line)

1) 120 gallons per bedroom x 3 bedrooms = 360 gallons per day design flow rate.

2) 360 flow rate/0.4 application rate = 900 sq. ft. of trench bottom.

3) 900 sq. ft./3 ft. wide trench = 300 lineal feet of conventional system.

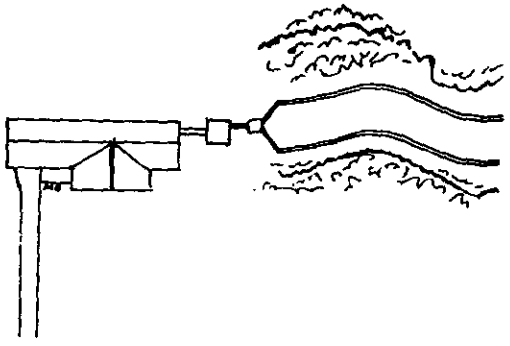
This conventional layout requires 2700 sq. ft. of area on the lot and equal space for repair for a total of 5400 sq. ft. of suitable and usable area. To calculate the T & J Panel System size, the above calculations must be made with an additional fourth step as described in 10NCAC 10A .1956 (3)(a)(ii)(B) for a PPBPS (the T & J Panel System)

4) 300 lineal feet of conventional system x 0.5 for a 16 inch high Panel System = 150 lineal feet of T & J Panel trench.

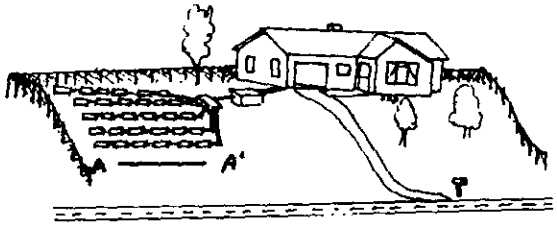
A Panel System requires only a 1200 sq. ft area on the lot for the system and equal area for repair. With the Panel System the installation and repair can go into the same space as the initial area required by a conventional gravel trench system.

Window Effect

Areal space should always be a consideration for any system, however, it is especially notable with the Panel System as with any system that reduces the size of the areal area drainfield. The following is a simplistic example of this concept.



RIGHT

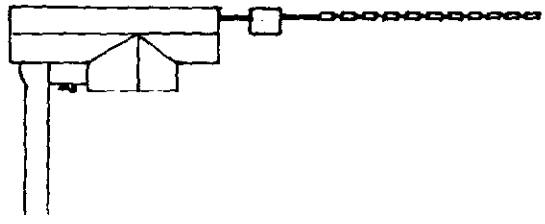


WRONG

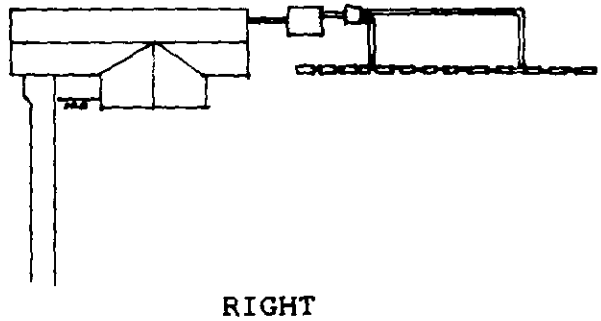
While both systems have the same lineal footage of trench the lower diagram is not a desireable design. The effluent must pass through the area A-A' which can cause a strain on that area and even a failure because of hydraulic overloading.

Distribution

Another extreme would be the use of a long single trench fed from only one end. In the first example, below the areal space is good and the chance of hydraulic overloading is greatly reduced. However downline distribution in the panel line will not give optimum treatment.



WRONG



RIGHT

In the lower example we see that the trench has been feed from multiple points. Because the Panel lines are put in as level as possible, never exceeding 1/4 inch of fall in 10 feet of run, they feed both ways equally. T & J recommends that no gravity line exceed 50 feet, unless it is fed from multiple points. In both of these examples, we are specifying the Panel System, but the logic applies to the conventional system as well.

COUNTY HEALTH DEPARTMENT

(SEPTIC TANK) IMPROVEMENTS PERMIT AND CERTIFICATE OF COMPLETION
(Ground Absorption Sewage Disposal System -- G. S. Chapter 130-A-Article 11)

OWNER OR CONTRACTOR _____ DATE _____ PERMIT NO. _____

PHONE: Business _____ Home _____

LOCATION _____

_____ S. R. No. _____

SUBDIVISION NAME _____ LOT NO. _____ SECTION OR BLOCK NO. _____

House (✓) Mobile Home ( ) Business ( ) Other _____

No. Bedrooms 3 No. Bathrooms 2 1/2

Garbage Disposal Unit n/A Yes ( ) No ( )

Auto. Dishwasher Yes (✓) No ( )

Auto. Wash. Machine Yes (✓) No ( )

Site Suitable Yes (✓) No ( )

Lot Area _____

Character & Porosity of Soil clay loam over clay

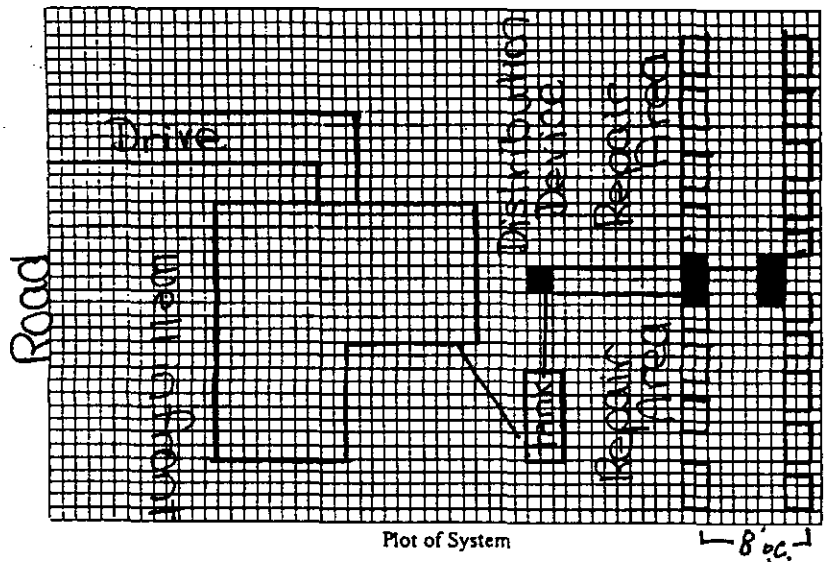
Percolation Rate 0.4 gal/ft²/day

Topography 6% slope

Depth to Water Table > 60"

Rock or other impervious formations none

_____ Basement with Plumbing _____ Basement without Plumbing ✓ No Basement



Size of Tank 1000 Gals.

Nitrification Field:
No. of Lines (2) 75' lines of
Sq. Ft. 900 Linear Ft. 150 panels

Depth of Stone in Lines 24" of Stone

Water Supply: Individual (✓)
Public ( )

Installed by _____

I understand and agree to install septic tank system as specified on this Improvements Permit.

Signed: _____

IMPROVEMENTS PERMIT BY _____

COMMENTS: 2 lines with 17 panels each line. flow split by flow divider. 2' wide and 75' long each split in middle by D-box. 25 tons sand

CERTIFICATE OF COMPLETION BY _____ DATE _____

EXISTING SYSTEM CHECKED BY: _____ DATE _____

CONSTRUCTION MUST COMPLY WITH ALL OTHER APPLICABLE STATE AND LOCAL REGULATIONS.

Permit is VOID if any unauthorized changes are made in installation of system and/or if any false information is supplied in making Improvements Permit.

Health Dept. Copy: White Inspection Dept. Copy: Yellow Sanitarian's Copy: Pink Owner's Copy: Gold

COUNTY HEALTH DEPARTMENT

(SEPTIC TANK) IMPROVEMENTS PERMIT AND CERTIFICATE OF COMPLETION
(Ground Absorption Sewage Disposal System -- G. S. Chapter 130-A-Article 11)

OWNER OR CONTRACTOR _____ DATE _____ PERMIT NO. _____

PHONE: Business _____ Home _____

LOCATION _____

_____ S. R. No. _____

SUBDIVISION NAME _____ LOT NO. _____ SECTION OR BLOCK NO. _____

House (✓) Mobile Home ( ) Business ( ) Other _____

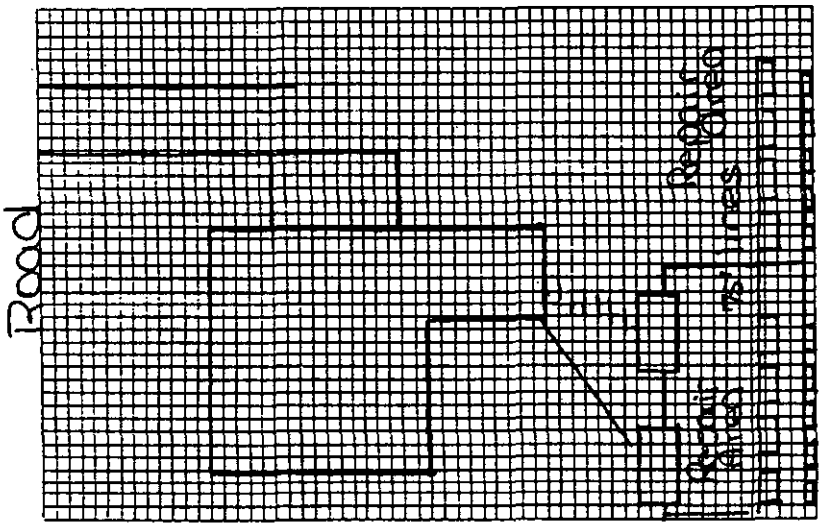
No. Bedrooms 3 No. Bathrooms 2½
Garbage Disposal Unit N/A Yes ( ) No ( )
Auto. Dishwasher Yes (✓) No ( )
Auto. Wash. Machine Yes (✓) No ( )
Site Suitable Yes (✓) No ( )

Character & Porosity of Soil clay loam over clay
Percolation Rate 0.4 gal 1ft² 1day
Topography Gdo slope
Depth to Water Table >60"
Rock or other impervious formations _____

Lot Area 20,000

_____ Basement with Plumbing _____ Basement without Plumbing ✓ No Basement

Pressure Distribution



Size of Tank 1000 septic Gals.
Nitrification Field: 1000 pump
No. of Lines 3 (5) lines of T-J
Sq. Ft. 900 Linear Ft. 150
Depth of Stone in Lines 24" sand
Water Supply: Individual ( )
Public ( )

Installed by _____

I understand and agree to install septic tank system as specified on this Improvements Permit.

Signed: _____

IMPROVEMENTS PERMIT BY _____

COMMENTS: pump sized by head 2-4' at turn up

CERTIFICATE OF COMPLETION BY _____ DATE _____

EXISTING SYSTEM CHECKED BY: _____ DATE _____

CONSTRUCTION MUST COMPLY WITH ALL OTHER APPLICABLE STATE AND LOCAL REGULATIONS.

Permit is VOID if any unauthorized changes are made in installation of system and/or if any false information is supplied in making Improvements Permit.

Health Dept. Copy: White Inspection Dept. Copy: Yellow Sanitarian's Copy: Pink Owner's Copy: Gold

How Many Panels Do You Need?

To calculate the number of 16 inch high panels needed for a 150 foot line, multiply 150'x 12" = 1800" then divide by 52" which is 46 inches for the panel and 6 inches for the space between the panels in the trench. 1800" /52" = 34.6 panels, so you would call for 34 panels. (A material order chart is included in the installer section of this manual.) If there is to be more than one trench, the sizing of the lines should be as equal as possible with as close to the same number of panels in each trench as is practical. A permit will normally show the panel as small blocks on the line. The following two pages are sample copies of permits for Panel systems.

Gravity or Pressure

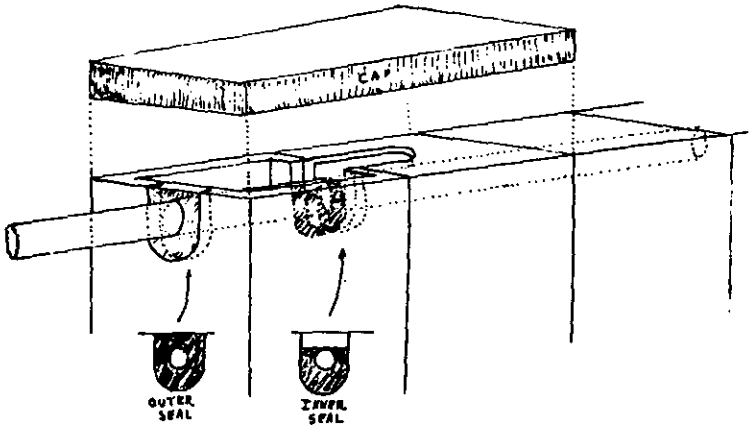
The T & J Panel System can be installed as either gravity or a low pressure distribution system. When designing a pressure system the principles of low pressure distribution are as described in the LPP manual. There is further discussion on pressure systems in the installer section of this manual. One of the attached permits is for a LP Panel drainfield.

Backfill

Backfill sand shall be a clean, washed, medium sand that is naturally occurring and falls within the gradation of ASTM C-33 specification. This specification is one that is used in the ready mix industry and is readily available in all areas. The second type of sand that you will need is a clean particle sand to coat the bottom of each panel's top chamber with a bed of sand one inch thick. This sand is a medium grade of sand blasting sand. Each one hundred pound bag should cover eight panels. Backfill sand calculations should be taken from the material sheet.

Tar Seals

The two drawings below illustrate the inner and outer seal. Note that while the outer seal is a complete seal, the inner seal is only up to the top of the connecting pipe. This is to allow for over flow of the effluent at peak use periods into the lower air chambers. At this point the air chambers become additional storage chambers for the effluent.



Trench Preparation

Trench grade should be established so that backfill cover will be four to six inches over the tops of the panels. (Note on severe slopes system depth should be adjusted to protect against brakeout of effluent) In clay type soils the trench side walls should be raked to bring slicked over areas back as near to original structure as possible. A light dusting of lime on the side walls is required to promote the soil structure.

Final Inspection

The following list of points are things that an inspector should look for before issuing an completion permit.

1) Is depth of the panels within guidelines?

2) Are drain lines level or less than 1/4 inch fall in ten feet?

3) Have seals been properly constructed?

4) Was the proper sand used in the trench backfill?

5) If in clay type soils were the side walls raked and limed?

(For Pumped Systems)

6) Have pump size, head pressure, and dose cycle been properly sized and set?

(Set dose cycle for 3.6 gallons per 16 inch high panel.)

Installer

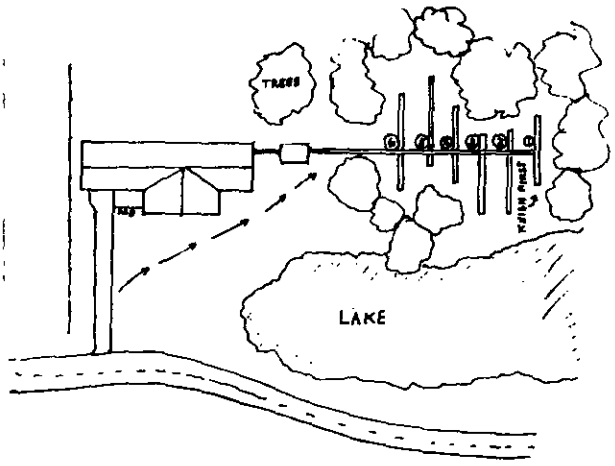
Generally, on level open land, a Panel System can be installed in about the same time as a conventional system; however, traditionally, Panel Systems have been installed where space and topography have restricted use of a conventional system. For this reason Panel System installations have required more time. Many installers enjoy the change of working with panels, not handling gravel, and the satisfaction of knowing a system is being installed where previously a conventional system was not possible.

Ordering Materials

Enclosed on following two pages you will find an order sheet for the T & J Panel System and a materials chart for 16 inch high Panel System. The distributor in your area will lead you through these sheets when ordering or pricing the system. For information on the distributor located closest to you call 1-800-222-2577 (inside N.C.) or 704-872-9566. After ordering, your panels will be shipped to the job site banded together on pallets.

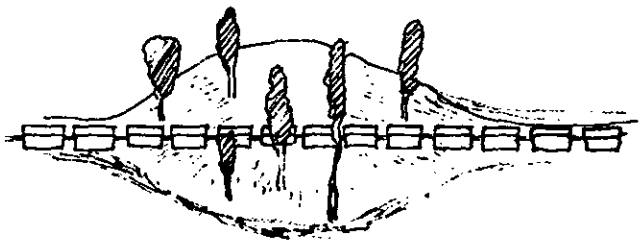
Installation Tips

Installation for multiple line systems should begin in the most confining area and be worked to the more open areas.

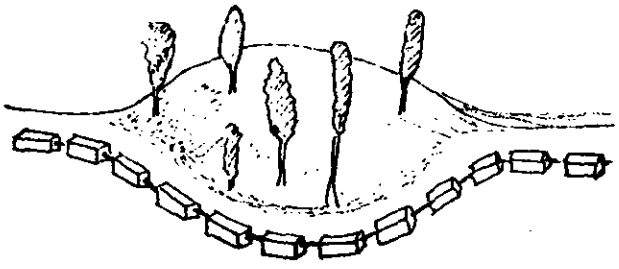


Above is an example of a multiple line installation. As you can see the installation should begin with the line marked 1 and proceed to 2, 3, then 4. This procedure will greatly ease material handling and backfilling. (Note sections of the drainlines should be left uncovered to allow for inspection of lines when area is confined and return access to lines is limited.)

On the following page are two examples of drain lines on sloping lots. The first drawing shows the drainline going through a slope making the center of the line deeper in the ground. This is not a desirable situation. The second drawing shows the drainline going around the slope keeping the trench depth and cover uniform for the entire length of the line. On slopes care should be given to avoid cutting away valuable top soil in an effort to make straight lines. Panel lines can be curved to almost any degree.



Wrong



Right

Digging The Trench

Start by shooting the grade and marking the contour. Then for a 16 inch panel add 28 inches to the shallowest or lowest grade that the trench must cross to obtain the trench bottom grade. Now dig the trench at the elevation derived, checking the grade frequently. The trench should be a minimum of two feet wide. With the trench open all sidewalls shall be raked to bring smeared areas back to their original structure before a light dusting of lime is applied. Now place a 6 inch layer of backfill sand in the trench and level to grade, then place a 1 x 4 or 6 inch board flat on it's side on top of the 6 inch layer of sand. Once more check the grade of the trench by shooting the top of the board. Once the grade boards have been set, the panels may be set into the ditch by hand or using the backhoe. Each panel weights about 155 pounds and placement by hand goes quickly. The panels should be placed about 6 inches apart in the trench to obtain equal spacing. Now place 10 to 12 pounds of clean particle sand (medium sand blasting sand) in the top chamber of each panel to form a bed of sand about one inch thick. Tar seal rope should be placed in the U outs to form seals as shown in earlier drawings. Once the tar rope is in place, a 24 inch section of two inch PR160 pipe is cut to span from the upper middle top chamber of the first panel to the upper middle chamber of the next panel. The tar seal rope that is used should be of tar or butyl that is soft and pliable to obtain a water tight seal. Now that the connection and sealing is complete a block cap is placed on each end of the panel covering all openings.(These will be delivered with the panels.) The cap block may well serve as an inspection port at some future date. The trench is ready to be backfilled to the top of the panel with the same backfill sand used in the trench bottom. With the sand to the top of the panel, trenches should be left for the sanitarian to inspect. Soil cover should be added after the final inspection.

Most Panel Systems are currently used due to space considerations and caution should be taken to preserve suitable soil structure and site conditions.

Materials Chart For 16 Inch Panels

Materials needed per panel:

- Three feet of half inch tar seal rope per panel.
- Two feet of two inch PR160 pipe per panel or same linear feet as line layout of pressure system of one and a quarter inch pipe. Add pipe for tie in of lines to tank and house.
- One hundred pounds of partical sand (sand blasting sand fine texture) per eight panels.
- Same linear feet of one by six boards as line length.
- Bag powder lime when in clay soils.

Panel and C-33 Sand fill

50 LF - 11 panels 8¼ tons sand	130 LF - 30 panels 21½ tons sand
60 LF - 14 panels 10 tons sand	140 LF - 32 panels 23 tons sand
70 LF - 16 panels 11½ tons sand	150 LF - 34 panels 25 tons sand
80 LF - 18 panels 13¼ tons sand	160 LF - 37 panels 26½ tons sand
90 LF - 21 panels 15 tons sand	170 LF - 39 panels 28 tons sand
100 LF - 23 panels 16½ tons sand	180 LF - 41 panels 30 tons sand
110 LF - 25 panels 18¼ tons sand	190 LF - 43 panels 31½ tons sand
120 LF - 27 panels 20 tons sand	200 LF - 46 panels 33 tons sand

T & J Panel Material Worksheet

Homeowner _____ County _____

Address _____

_____

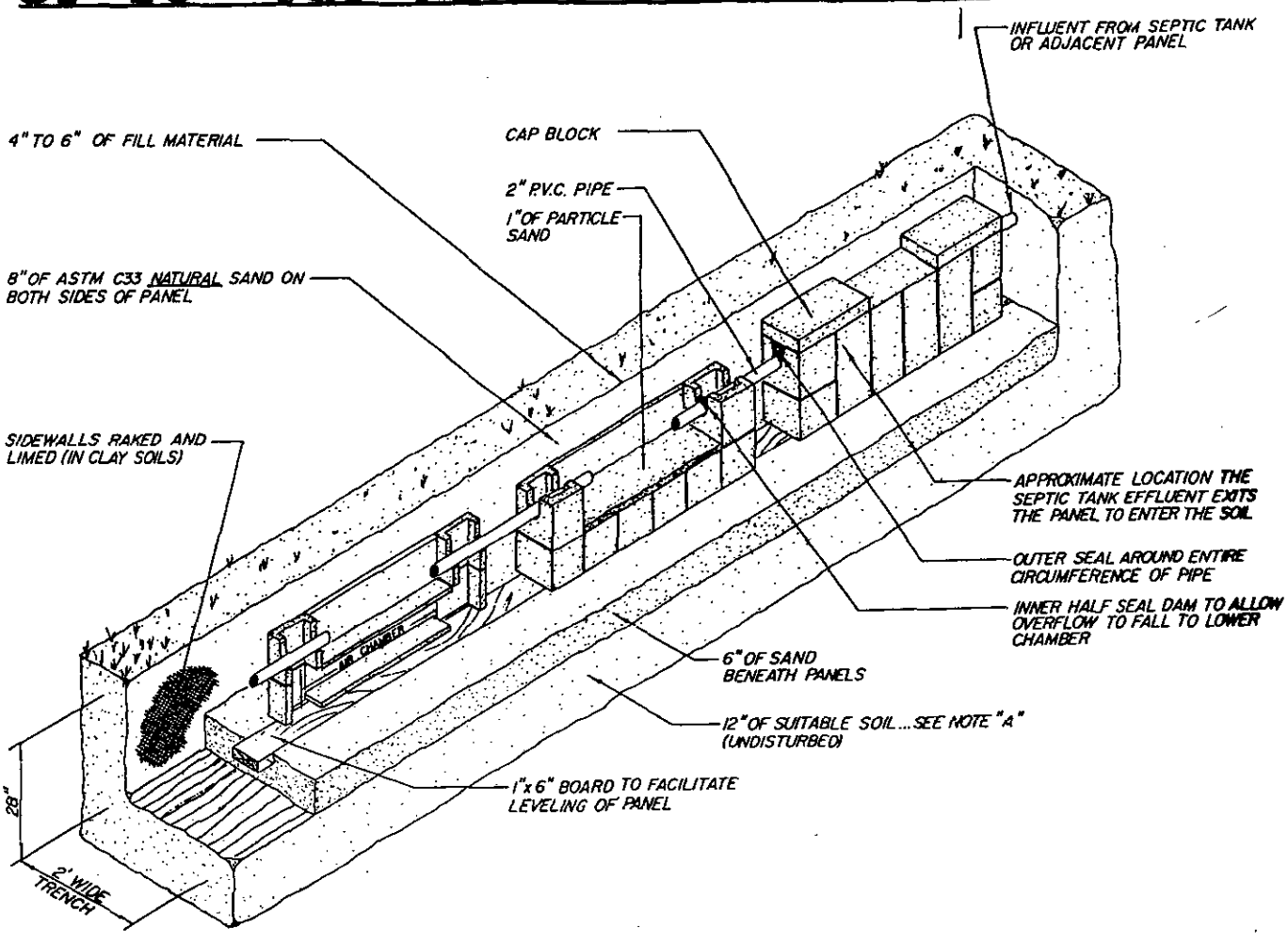
Description of System _____

_____

_____

_____	T & J Panels _____ Inch (caps N/C)	_____
_____	2" Pipe	_____
_____	1 1/4" Pipe	_____
_____	Fittings for Pipe	_____
_____	Tar Seal Rope (3' per Panel)	_____
_____	Bag Partical Sand (100 lbs per 8 Panels)	_____
_____	Pallets (Returnable)	_____
_____	Screened Creek Sand (FM 2.3 to 3.0)	_____
_____	1x4 or 1x6 Boards	_____
_____	Power Lime	_____
_____	Sep Tank _____ Gallon	_____
_____	Tar Seal for Tank	_____
_____	4" PVC Pipe Schedule 40	_____
_____	Distrobution Box	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
	Sub-total	_____
	Delivery Charge	_____
	Tax	_____
	Total	_____

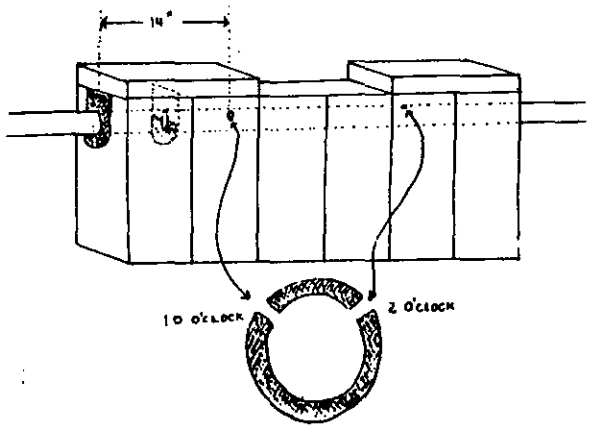
Isometric Drawing of a Segment of 16" T&J Panel Drainfield



Panels With Pressure Distribution

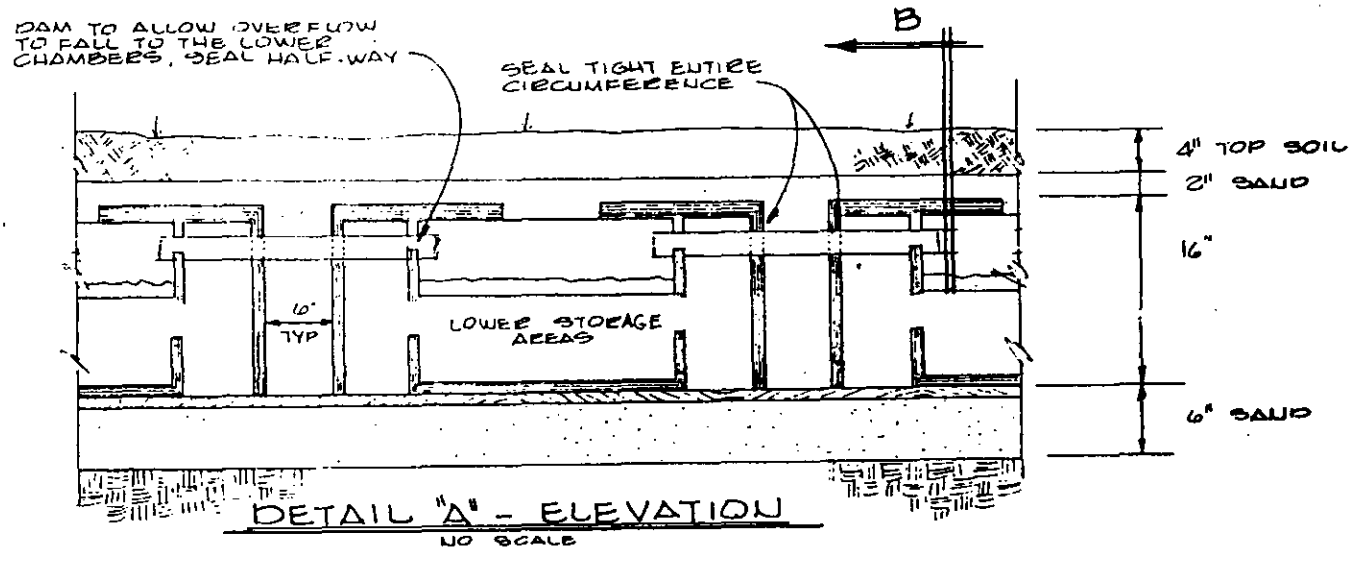
The LP Panel uses Technology similar to that of Low Pressure Pipe (LPP) System. The tables and distribution design described in the LPP manual are applicable to the pressure Panel System. The system should be used with two to four feet of head. In many respects an LP Panel is similar to an LPP with the holes discharging into the panels.

The dosing cycle for the Panel System is designed to pump enough effluent to fill the top chambers of all the panels in the system. The top chamber of a 16 inch panel holds 3.6 gallons. If the system has 34 panels in trenches, then you would multiply 34 X 3.6 to get 122 gallon per dose cycle. Two holes are drilled in the distribution pipe. One at the 10 and one at the 2 o'clock position. These are then placed so that the effluent is pumped into the top center chamber of the panel with each hole approximately 4 inches from opposite ends of the chamber.

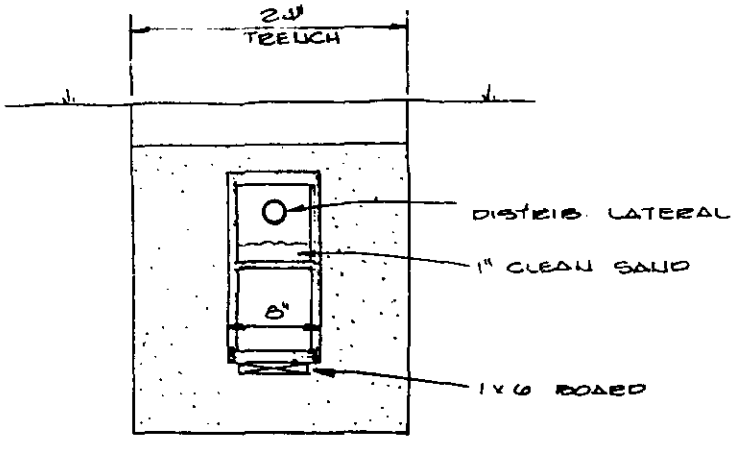


THE T. & J. PANEL
WASTE WATER TREATMENT SYSTEM
PATENT NUMBER 4013559

P.O. Box 288 • Statesville, North Carolina 28677
N.C. WATS 1-800-222-2577 • (704)872-9566



DETAIL "A" - ELEVATION
NO SCALE



DETAIL "B" - SECTION
NO SCALE

Mecklenburg County
Health Department

April 13, 1999

Paul R. and Lorraine N. Mrzlak
18334 Nantz Road
Cornelius, NC 28031

Dear Mr. and Mrs. Mrzlak:

This letter is being sent to all home/business owners in Mecklenburg County with septic tank systems that utilize pumps. In 1990 the North Carolina Administrative Code governing septic tank systems was amended to require routine maintenance and inspection of certain septic tank systems. Research conducted on septic tank systems has shown that properly maintained systems perform better and protect the home/business owner's investment. These State rule changes required local health departments to perform additional inspections without additional resources. During the 1998-99 budget hearings, the Mecklenburg County Board of County Commissioners (BOCC) approved user fees to offset costs and to allow the local health department to comply with mandatory enforcement requirements in the State regulations.

Since you have a pump system, these new rules and fee requirements affect you. The fee is $85.00 and is due upon receipt of this notice. We will visit your property and make assessments and recommendations for the continued efficient operation of your septic tank system. In addition, if you have a well, a bacterial sample will be collected to help assess the quality of your water supply source. The process, including fee assessment, will be repeated every five (5) years. The fee amount may change in the future.

We are excited about the interest and support demonstrated by the BOCC. Past performance in this area was more enforcement oriented rather than supportive. One of our goals is to establish our department as a resource to you to aid and assist you with this and related public health concerns. The inspection program and the water analysis are important to the health of you and your family. This is a very important initiative intended to protect the public's health while improving and preserving our groundwater resources.

Your prompt fee payment will activate our inspection process. Your comments and questions regarding this matter are encouraged and welcomed.

Sincerely,

Larry B. Thompson, Jr., R.S., Coordinator
Managed Systems Program
Individual Water and Wastewater Systems

Enclosure

cc: Fiscal Services Manager, HMHCS

TO: ENVIRONMENTAL HEALTH DEPT.
BUILDING STANDARDS DEPT.
DEPT. OF ENVIRONMENTAL PROTECTION/
SOLID AND HAZARDOUS WASTE

DATE 11/14/89

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 001-051-24pp

ASSIGNED ADDRESS 18334 Neatz Rd

EXISTING ADDRESS _____

PROJECT NAME N/A

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	DISAPPROVED
1. SUBDIVISION REGULATIONS	/ /	/ /*
2. FLOODWAY REGULATIONS	/ /	/ /*
3. EROSION CONTROL REGULATIONS	/ /	/ /*
4. PUBLIC UTILITY EASEMENT	/ /	/ /*

	PRESENT	NOT PRESENT
5. PUBLIC UTILITY EASEMENT	/ /*	/ /
6. PROPERTY FRONTS ON THOROUGHFARE	/ /*	/ /
7. DRIVEWAY PERMIT REQUIRED	/ /*	/ /

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

REMARKS: Septic Tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIER'S 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: Lude

OPWEAR 06-88

NEW ADDRESS / /*

FORM 100

Mecklenburg County
Health Department

Basil G. Delta, M.D., M.P.H.
Health Director

November 7, 1989

Joe D. Wentz
18230 Del Ray Drive
Huntersville, NC 28078

VOID

RE: Property located at Nantz Rd.
FILE: 5982A
PARCEL: 001-051-24

Dear Mr. Wentz:

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 or microflush toilets must be installed when constructing the residence.
- Occupants to utilize maximum water conservation measures wherever possible.

Although this property is exempt from the 100% repair area requirement, the maximum feasible remaining area near the system shall be allocated for a repair area.

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/ir

Enclosures - 3 Septic Tank Agreement Forms

Mecklenburg County
Health Department

November 9, 1989

Mady Construction
18808 Hwy 73 West
Huntersville, NC 28078

Dear Sir:

RE: Property located at 18326 Nantz Rd.
FILE: 5982A
PARCEL: 001-051-24

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.
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Sincerely,

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

GV/ir

Enclosures - 3 Septic Tank Agreement Forms

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 10/19/89

Name/Company: Maltby Construction Co



Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Upgrade
5982A

MECKLENBURG
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
OCT 19 1989

$ 200.00

Ck # 6606
$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

BILLING — WHITE CUSTOMER COPY — YELLOW

CASH RECEIPT

Date 10 19 19 89 0325943

Received From Mady Construction Co

Address

Two Hundred + 00/100 Dollars $ 200.00

For 5982A - mp new Paul Nance Road

ACCOUNT			HOW PAID			
AMT. OF ACCOUNT	200	00	CASH			
AMT. PAID	200	00	CHECK	200	00	
BALANCE DUE	-0-		MONEY ORDER			

By K Bailey

CRB-111-3

Mech. G. H. D.

Pd 10-19-89
Ck # 6606
Mady Rd.

Money Transferred from application filled out by Mr. Wenty to application filled out by Mady Construction b/c Mady Construction originally paid the fee for Mr. Wenty.

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.

(OFFICE USE ONLY)

FILE: 5982A

TC: _____

SERIAL: Nº 15306

☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 18326 Nantz Road, Huntersville (STREET NO. / STREET) ② FILE: 5982A

③ JURISDICTION: _____ ④ TAX PARCEL NO.: 001-051-24

⑤ SUBDIVISION: _____ ⑥ LOT: E ⑦ BLOCK: _____

OWNER

⑧ NAME: Joe (FIRST) D. (MIDDLE) Wentz (LAST)

⑨ MAILING ADDRESS: 18230 Del Ray Drive

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

⑬ PHONE: (WORK) (704) 892-5105 ⑭ (HOME) 892-8766

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: Joe D. Wentz

Date: August 29, 1989

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 System Installation

_____ / _____
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

Application for
Inspection of Public Records

By completing the following form, the undersigned does hereby make application to inspect the specified public records under the supervision of authorized personnel. This inspection is in accordance with North Carolina General Statute 132-6.

Name of person making request: ED PRYOR

Address: P.O. Box 270, TROUTMAN NC 28166

Description of public record requested: _____

Street Name (or County Road): 1833 & NANTZ RD. CORN~~ER~~ 145

Lot: _____ Block: _____

Parcel Number: _____

Owner's Name: PAUL R. MRZLAK

Reason for Request:

NEED NAME OF INSTALLER OF SEPTIC SYSTEM

Signature of Person Making Request: Ed Pryor

Supervisory Person: _____

Date: 03/01/91 Time: 11:50 AM

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

C:\WP5\Recinsp.frm

Mecklenburg County
Health Department

Basil G. Delta, M.D., M.P.H.
Health Director

August 25th, 1989

Joe D. Wentz
18230 Del Ray Drive
Huntersville, NC 28078

RE: Property located at 18326 Nanze Road
FILE: 5982A
PARCEL: 00105124

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 12173) 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, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure (2)

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 12173

File: 5 982 A Action 2

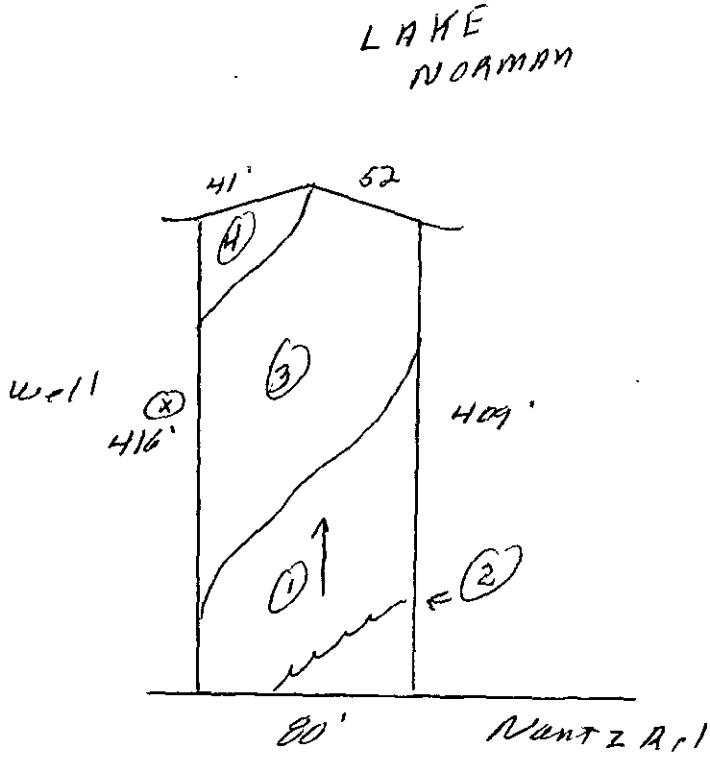
Parcel: PO 001-051-24 ☐ PC

Location: 18326 Nantz Road
Subdivision: Huntersville, NC 28078
Lot: E Block: Acres: .75

Owner: Joe D. Wentz
Address: 18230 Del Ray Drive
Huntersville, NC 28078

Comments: _____

Described by: William B. Mauldin
Date: 8-25-99



***** 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 6-15%	S PS (U) complex slopes	S PS (U) Depression	(S) PS U 2-6%	S PS U	S PS U
Texture	S (PS) U clay	S PS U —	S PS U —	S PS (U) 2-1 clay	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U —	S PS U —	S (PS) U Blocky	S PS U	S PS U
Drainage	S (PS) U 736" To water	S PS U —	S PS U —	S (PS) U 736" To water	S PS U	S PS U
Depth	S (PS) U 36"+	S PS U —	S PS U —	S PS (U) 24-28"	S PS U	S PS U
Restrictive Horizons	S (PS) U 736"	S PS U —	S PS U —	S (PS) U 736"	S PS U	S PS U
Available Space	S PS (U) Restricted	S PS U —	S PS U —	S PS (U) Restricted	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	~~PS~~ WA recent/Litho	complex slopes	Depression	WB Wante-Litho		
Area Classification	S PS (U)	S PS (U)	S PS (U)	S PS (U)	S PS U	S PS U

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 8/14/89

Name/Company: Mady Const. Co.

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: soil test

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
AUG 14 1989

Fee $ 40 —

CR # 6027
$40.00

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

BILLING — WHITE CUSTOMER COPY — YELLOW

APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 598217

TC: _____

☐ PC ☒ REPT

JOB LOCATION

① ADDRESS: 18326 Nantz Road, Huntersville, NC 28078

② SUBDIVISION: _____ ③ LOT: E ④ BLOCK: _____

⑤ PARCEL REFERENCE: P.O. BOOK NO.: 001 PAGE NO.: 051 PARCEL NO.: 24

⑥ DEED REFERENCE: BOOK NO.: 3811 PAGE NO.: 0570

OWNER

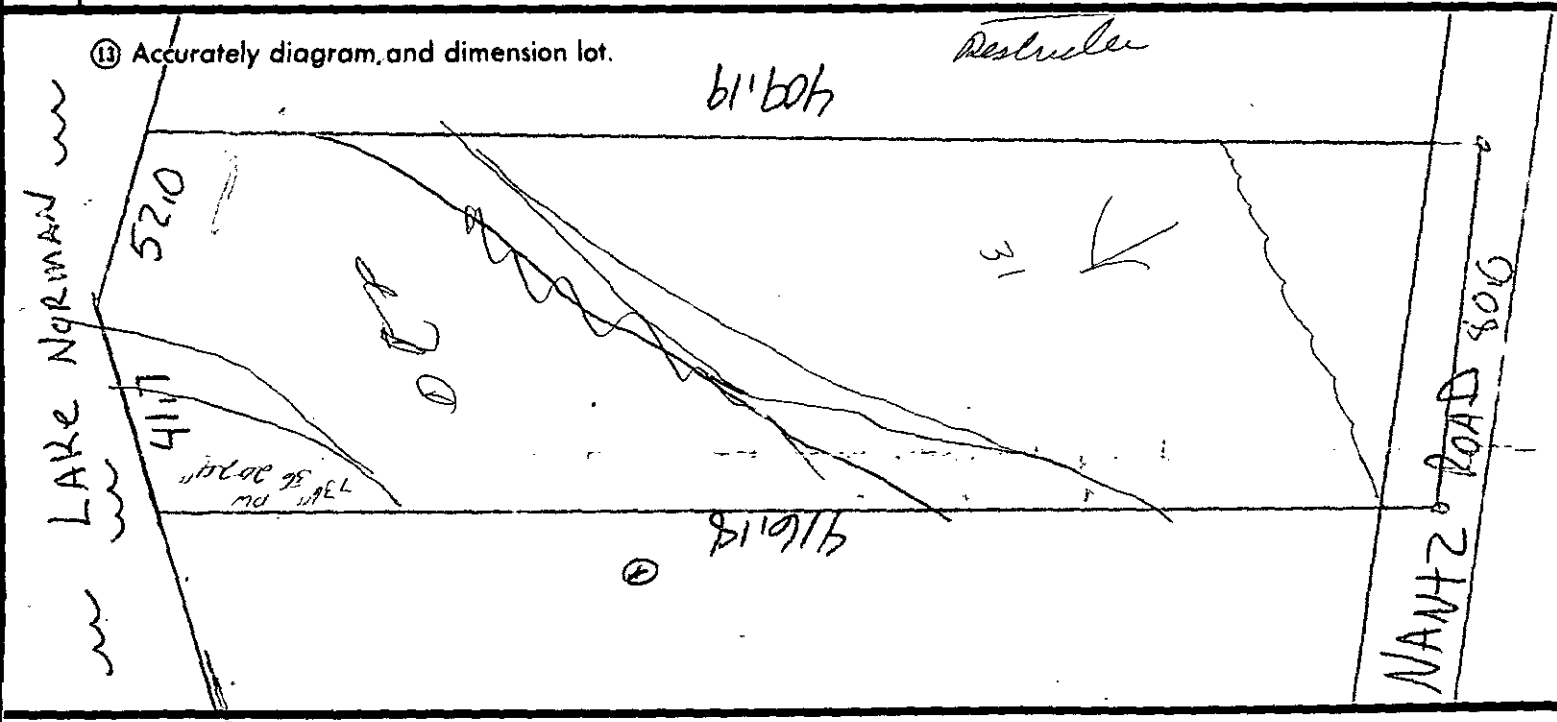
⑦ NAME: Joe (FIRST) D. (MIDDLE) Wentz (LAST)

⑧ MAILING ADDRESS: 18230 Del Ray Drive

⑨ CITY: Huntersville ⑩ STATE: NC ⑪ ZIP: 28078

⑫ PHONE: (WORK) ---- (HOME) 892-8766

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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Joe D. Wentz

Date: January 7, 1987

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

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

MADY CONSTRUCTION COMPANY, INC.
18808 Hwy. 73 West • Huntersville, North Carolina 28078
(704) 892-5105

MEMO-LETTER

TO Mecklenburg County Health Department

DATE August 11, 1989

SUBJECT 18326 Nantz Road

We have enclosed an application for soil investigation and our check in the amount $40. Please mail the results to us at the above listed address.

Sincerely,
MADY CONSTRUCTION COMPANY, INC.

M. E. Westmoreland

Item # ML4N72 The Drawing Board, Dallas, Texas 75266-0429
© Wheeler Group, Inc., 1982

FOLD AT (–) TO FIT DRAWING BOARD ENVELOPE # EW10P

APPLICATION FOR SOIL INVESTIGATION

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
AUG 1 ...
ENVIRONMENTAL HEALTH
DIVISION

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

(OFFICE USE ONLY)

FILE: 5982A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: 18326 Nantz Road, Huntersville, NC 28078

② SUBDIVISION: _____ ③ LOT: E ④ BLOCK: _____

⑤ PARCEL REFERENCE: P.O. BOOK NO.: 001 PAGE NO.: 051 PARCEL NO.: 24

⑥ DEED REFERENCE: BOOK NO.: 3811 PAGE NO.: 0570

OWNER

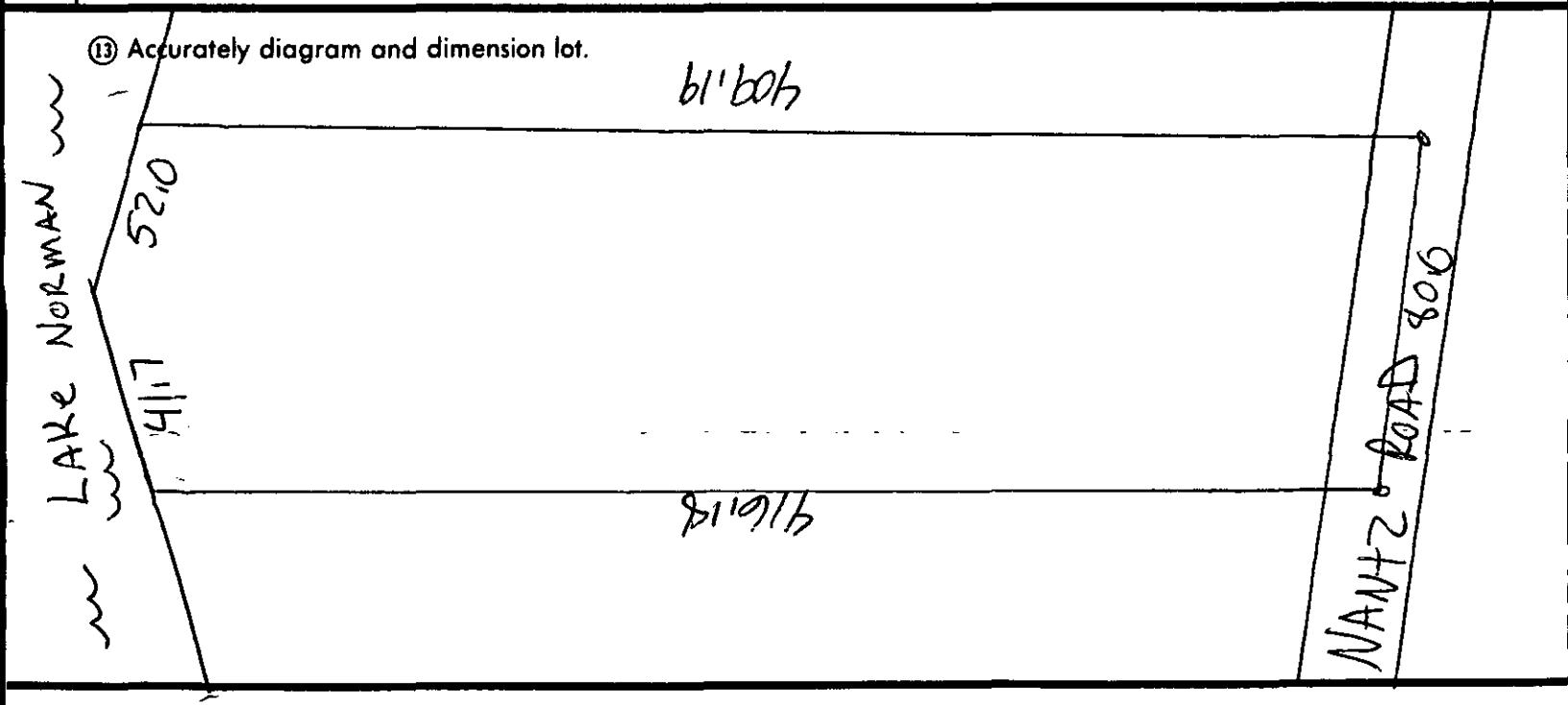
⑦ NAME: Joe (FIRST) D. (MIDDLE) Wentz (LAST)

⑧ MAILING ADDRESS: 18230 Del Ray Drive

⑨ CITY: Huntersville ⑩ STATE: NC ⑪ ZIP: 28078

⑫ PHONE: (WORK) ---- (HOME) 892-8766

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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Joe D. Wentz

Date: August 7, 1989

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