

17726 COTTONPATCH LN

00131231

4/15/08

marliwr

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1125A DATE: 10-17-97

TC: 001-312-31 ☐ L ☒ CRT

SERIAL Nº 17287

Name of Owner Phil Adams Juris.: _____

Address of Property 17726 Cottonpatch Lane

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400

Number of Lines 5 @ 80

Cover Depth 18-24"

Water Supply Source Priv. well

Distance to Water Source >50'

Excavation Inspected 10-17

Tank(s) Inspected 10-12 K. Randall

Wash Line Inspected —

High Water Alarm Inspected 10-17

(Graph backfill)

PLOT

Design 1997, 1000 gal, PI, III b Inn, 1200 sq ft, Cecil-like CTR# Amended 215

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 15A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This 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 15A NCAC 18A. 1990 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.

Notice: Disturbance of the designated repair area may result in the suspension/revocation of this permit.

COMMENTS: Type III b Innovative 4 bedrooms
"Infiltrator" brand used
(5) 3'w x 80'l

Larry B. Thompson, Jr., R.S.
Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1125 A DATE: 10-17-97

TC: 001-312-31 ☒ L

SERIAL Nº 17486

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 _____. All work shall be completed on or before 11-17-97, after which date this permit shall be null and void. The system shall meet all of the construction requirements of I5A NCAC 18A. 1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Install according to plans submitted by Toney C. Jacobs + Assoc.
- System construction began without installation permit.

PLOT OF SYSTEM

Liquid Capacity of Septic Tank existing gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Trench Depth ≤36"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous Yes

Total Line Length 400 feet

Number of Lines 6

Depth of Stone N/A inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well >50 feet

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER Phil Adams

LOCATION OF PROPERTY 17726 Cottonpatch Lane

Comments: Type III b innovative 4 bedrooms

Larry B. Thompson Jr, R.S.
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

PD 150.00 CHK#103 10/17/97

FEE: 300.00 CK # 4897
DATE: 6/7/96

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

I X CRT

TYPE APPLICATION: ___ NEW SYSTEM X EXPANSION/ ALTERATION OF EXISTING SYSTEM ___ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 11254

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 00131231

STREET ADDRESS: 17726 Cottonpatch Lane

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: 37

TYPE OF BUILDING (CHECK ONE):

___ SINGLE MOBILE HOME(S)
___ DOUBLE WIDE (D)
X HOUSE (H)
___ MODULAR HOME (M)
___ MULTIPLE FAMILY (U)
___ OTHER (O)

HEATED SQUARE FOOTAGE: 2940

NUMBER OF BEDROOMS: 2 NUMBER OF OCCUPANTS: 5

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT
___ ON SLAB
X CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

TOWNSHIP (CHECK ONE):

___ 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
X 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

CLOSING DATE

6/18/96 No alteration required. WXS- no change in sewage flow - house to remain a 3 bedroom. House has 2 bedrooms with a 3rd bedroom currently being utilized as a den. With the bedroom addition as a proposed renovations - existing den to be changed to a dining room w/ closets or remains as den closet w/out closets, closet to become kitchen's pantry.

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

1 Bedroom 1 Living Room + 1 Garage

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES X NO TYPE:

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
___ MUNICIPAL (M)
X PRIVATE WELL (P)
___ SHARED WELL (S)
___ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES	___ YES X NO	WELL, SPRINGS OR WATERLINES	X YES ___ NO
EXISTING WASTEWATER SYSTEMS	X YES ___ NO	DESIGNATED WETLANDS	___ YES X NO
EASTMENTS OR RIGHT-OF-WAYS	___ YES X NO		

PROPERTY OWNER:	LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: Adams Phillip M (LAST) (FIRST) (MI)	NAME: (LAST) (FIRST) (MI)
ADDRESS: 17726 Cottonpatch Lane	DAYTIME PHONE: ( ) -
CITY: Cornelius STATE: N C ZIP 28031	
DAYTIME PHONE: ( ) 704 - 853 - 2444	

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the 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: PM Adams DATE: 6/7/96

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

Mecklenburg County
Health Department

M E M O R A N D U M

TO: Susan Uzzell
Accountant II

FROM: Sylvia D. Daniel, R.S.
Program Chief

Date: June 27, 1996

Ref: 17726 Cottonpatch Lane/File #1125A

SUBJECT: Refund

(Mr./Mrs./Co.) Phillip M. Adams originally paid $200.00

for Improvement Permit/Alteration of Septic System on June 7, 1996

check #2897.

A refund should be issued for $150.00 because

it was determined by the Environmental Specialist that the system is adequate for the addition. The Use Existing System fee of $50.00 applies.

Please make check payable to: Phillip M. Adams

17726 Cottonpatch Lane

Cornelius, North Carolina 28031

DOSED GRAVITY INFILTRATOR SYSTEM (OFF-SITE)

17726 COTTONPATCH LANE - LOT 37

MECKLENBURG COUNTY - NORTH CAROLINA

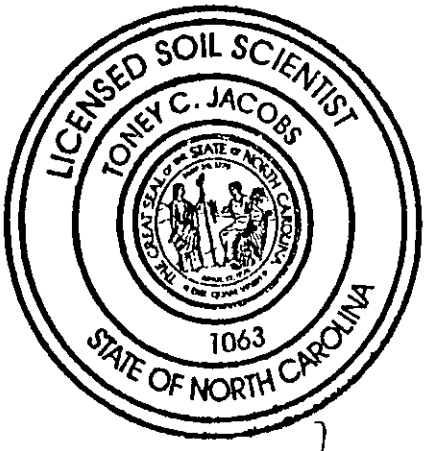
MCHD FILE #1125-A TAX PARCEL 001-312-31

by

Toney C. Jacobs & Associates, Inc.
Consulting Soil Scientists
168 Broadbill Drive
Mooresville, NC 28115

September 25, 1997





Submitted to: Mr. Kelly Randall, R.S.
Mecklenburg County Health Dept.
Charlotte, N. C.

Mr. Phil Adams
c/o Mr. Peyton Tucker
P. O. Box 1061
Cornelius, N. C. 28031

Toney C. Jacobs, CPSS

Paul G. Penninger

17726 Cottonpatch Lane - Lot 37

GRAVITY DISTRIBUTION INFILTRATOR CHAMBER SYSTEM

Design Considerations

The proposed system is for a 4-bedroom waterfront home on a 0.75-acre lot in a quickly urbanizing area of single family homes in northern Mecklenburg County. Due to an aggressive site plan which includes an additional bedroom and garage, the lot will not support an on-site septic system; therefore, the owner and seller, Mr. Phil Adams, has added an easement parcel and transferred this as a septic area (maps enclosed). This provisionally suitable area is directly across the street from the lot and was the closest usable septic area. The property was recorded prior to January 1983; however, because of the added septic the 100% repair area is now required and shown in this plan.

Soils were evaluated by both Mr. Bill Marlin of the Mecklenburg County Health Department and Toney C. Jacobs & Associates. The system layout was by Toney C. Jacobs & Associates. To best use the easement the chambered system was considered as the best-suited system for the tract. It is planned that a second Improvements Permit will be requested and concurrent with this permit. The septic system drainfield was flagged in the field as shown in Figure 1. The system will be pumped to a surge tank, gravity to d-box, and chambered system, using 5 x 80' lines. During construction and tree removal precautions should be taken to prevent damaging the system area. The pump supply line is on an easement supplied by CRI and not DOT right-of-way

Location

The lot is on the left center of Cottonpatch Lane, south of Belle Isle Drive. The system adjoins Cottonpatch Lane.

References

1. *Laws and Rules for Ground Absorption Sewage Disposal Systems 15A NCAC 18A. 1900,* NCDEHNR-DEH.
2. Infiltrator product information

Recommendation

Four hundred (400) lineal feet of dosed Infiltrator lines using gravity distribution. (Product information sheet on Infiltrator System, Inc. enclosed)

Ownership Responsibility

Conservation measures should be undertaken in plumbing fixture specifications to minimize the volume of wastewater entering the disposal system, including, but not limited to the following precautions:

(a) Provide water conserving plumbing fixtures within the facility. Waterclosets must be 1.6 gal. flush (per code). Showerhead should also have restrictions or be of low volume design.

(b) Develop conservative water use habits.

(c) Develop conservative water use habits. If weekends are the time of more water use and weekdays are less, system should be reworked with timer rather than floats for flow equalization. This modification could be made by a certified operator at a later date if determined advantageous.

(d) Monitor and maintain the system as necessary for proper operation. An Operation Permit will not require a maintenance contract to be filed with the Mecklenburg County Health Department for the system.

System must be properly installed by a *qualified* and *competent* contractor following the requirements of the Mecklenburg County Department of Environmental Health, DEH, the N.C. Building Code, Plumbing Code, and the Electrical Code. This plan, as any, is a guide to a minimum standard, but cannot take the place of experience and common sense.

Components of System

1. Two compartment septic tank - 1500 gal.
2. Pump tank 1000 gallons
3. Supply pipe
4. Minimum 50 gal concrete surge tank
5. Speed lever box
6. 400' of chambers with sand backfill on the sides.

Construction Sequence

1. Lines have been flagged as noted on drawing and in specifications.
2. Clear the area of all organic material with minimum soil disturbance (do not grade). Backfill any low areas with clean sandy loam to natural compaction and look. This includes stump holes.
3. Install trenches per cited reference material and this plan.

4. Carefully backfill distribution trenches to grade with clean clay or clay loam soil fill material which is carefully placed and compacted.

5. The installation contractor shall stabilize the area of construction by planting with Kentucky 31 tall Fescue and mulching. Area to be limed and fertilized with 0.5 tons lime, 75 units of N, 150 units P, and 100 units of K per disturbed acre.

6. The septic tank shall consist of an approved 1500-gallon capacity reinforced, precast watertight, concrete tank with full baffle and shall have easy access to each chamber from ground level for inspection. The first chamber of the septic tank shall consist of 2/3 to 3/4 of the volume of the total tank and the baffle shall contain a horizontal opening across the tank at about midway. Locate the septic tank at such height as to provide approximately 8" of cover soil over top of the tank.

7. Final Landscaping: After the system is installed, the absorption field should be reshaped to shed rainwater and be free of low areas to insure that the system will not be overloaded with excess rainwater and run-on.

8. The supply pipe both under and adjacent to the street shall have a metal locator tape or wire should it have to be located. This is a strong recommendation but not required. Where the pipe crosses under the street it must have a minimum 30" of cover.

9. The dosing tank shall consist of an approved 1000-gallon capacity, reinforced, precast, watertight concrete tank without baffle and shall have a concrete mounting pad (concrete blocks) for accommodating the pump. Test for leakage per regulations. Provide access for entry into the tank directly over the pump location, and extending 6" above final grade. Use a 30" diameter concrete well casing or equivalent and concrete well cap or other approved securable type cover. There must be a seal (masonry or seal rope) between well tile and top of tank.

10. All piping and fitting shall be SCH 40 PVC. Glue for all PVC pipe joints shall be as recommended by the pipe manufacturer.

11. Pump: The submerged pump shall be Model ME 50 manufactured by Myers or equal, 115 or 230 v/l phase; capable of pumping 20 gallons per minute at 46.0' of head.

12. Pump controls and alarm to meet specifications of .1952, all being compatible.

13. A "Warning Sign" shall be located within the house to inform the occupants of action to take in case the "High Water Alarm" is activated. This sign shall contain the name, address, telephone number, and emergency telephone number of the person to contact upon malfunction of the system.

14. Pump and Controls: Details of pump installation are shown in the plan. The pump must be placed on concrete blocks on the bottom of the tank. This prevents the pumping of any solid particles which can clog the pipe system. A piece of nylon rope or other non-corrodible material should be attached to the pump and the outlet pipe for lifting the pump in and out of the chamber. Controls should be fastened to a "tree" or the outlet pipe with clamps or brackets supplied by the manufacturer. The lower level control or "pump-off" must be positioned above the pump, so that the pump remains submerged at all times. The level control "pump-on" is positioned to pump a specified volume of effluent. The high water control float is then mounted about 3" above the upper pump-on control. (Note: Care must be taken to insure that floats do not become fouled by other components in the tank, such as the electric power cord or the lifting rope. It is highly recommended that a telescoping "tree" be used for floats to facilitate adjustments.) The pump outlet pipe should be connected to the supply manifold with a threaded PVC union (or dresser coupling) to allow quick removal.

15. Electrical Connections: The pump and high water alarm must be placed on separate electrical circuits. (If the pump circuit fails, the alarm must still be able to operate). Follow the manufacturer recommendations for the proper fuses or circuit breakers. All electrical connections must be made outside the pumping chamber. Power cords from the pumps and controls should be plugged into a NEMA 4X approved outdoor receptacle. This must not be located inside the pumping chamber due to the corrosive and explosive gasses that may form from the sewage. This box must be a minimum of 1' above finished grade. Some level control switches have a box built into the housing, but are more expensive than the plug-in devices. Wiring between the pumping chamber and the station should meet State and local code requirements. A lightning arrester is recommended to protect the pump and controls from electrical surges.

16. Proper Operation Check: After all components have been installed and connected, the system should be checked for proper operation. With electrical power turned off, fill the pumping chamber with water from garden hose until the liquid rises to the level of the high-water alarm float. Turn on the electrical power. The alarm light should go on in the house, and the pump should start operating. The alarm light should go off when the liquid reaches the lowest float control. Be sure the pump is still completely submerged.

17. With someone at the surge tank, turn pump on and set gate valve at surge tank to deliver 15-20 gpm.

Concluding Note:

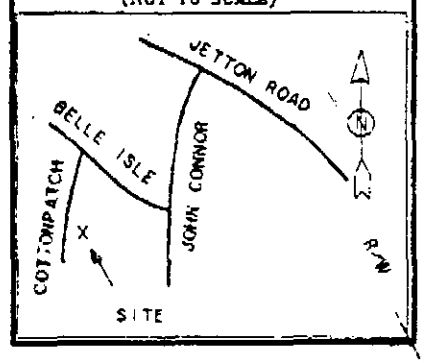
This plan was done to facilitate permitting by the Mecklenburg County Health Department by an agent of the owner and seller. Any additions, or additional requirement(s), or deletions to enhance design or workability which will facilitate a permit are welcomed and may be made by note on this plan without returning entire design. The designer realizes that a plan with as many details as this can be changed and/or improved upon. The installer must realize that this is an exact plan and must be followed and installed with exacting measurements. Should the installer desire a change, it must be approved by the health department in writing. Final inspection will also require more time and detail than a conventional system. If there are questions, please give me a call.

Design Specifications
17726 Cottonpatch Lane

Daily design flow:	480gpd.
Septic tank size:	1500 gal. (2 compartments)
Pumping tank size:	1000 gal.
Effluent loading rate:	0.3gpd/sf initial system repair the same
Total length and diameter of supply lever:	app. 270 lf-2" 40 PVC
Number and length of laterals:	5 @ 80' long
Speed lever control:	5 required
Flow rate through the system:	approx. 20 gpm capability
Elevation head:	35'
Pressure head:	3.0'
Friction head:	2.0'
15% contingency	6.0'
Total head:	46.0'
Pump requirements:	20 gpm at 46.0' of head; use Myers "ME 50" ½hp pump or equivalent with compatible electrical
Dosing volume:	240 gal. - 2.0 doses/day at design flow
Depth of water pumped per dose:	calculated to specific tank by measure or dealer engineering specifications(1 cubic ft. of water equals 7.48 gals.)
Pump run per dose:	approx. 12.0 min. (run time control of dose
Check valve:	Yes
Siphon break hole:	No
Alarm and electrical:	mounted on side of house as single box with both light and horn alarm. All to be NEMA 4X.
Special condition:	Two septic tanks are buried on-site. These must be pumped, broken in-place or removed, and back filled. This is to prevent a future hazard and because of closeness to the storm drain.

09/07/1997 12:48 7048920451 RAMSEYCREEKINVSTINC PAGE 03

VICINITY MAP
(NOT TO SCALE)



PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED

FEMA INFORMATION:
COMM. PANEL #: 370158-00158
EFFECT. DATE: 2-3-93
FFE: 770
ZONE: C

PHYSICAL SURVEY FOR PHILLIP M. ADAMS & LYNN M. ADAMS

LEMLEY TWSP. MECKLENBURG COUNTY
AUGUST 28, 1997 SCALE:1"=30'

RONNIE DEDMON SURVEYORS, P.A.
RONNIE DEDMON, REG. SURVEYOR L-1222
CHUCK POOVEY, REG. SURVEYOR L-3762
P.O. BOX 494 DENVER, N.C. 28037
(704)-483-4908

BEING ALL OF LOT #37 OF CRESCENT LAND & TIMBER PLAT BOOK 17 PAGE 552

LOT #36

#6 REBAR (BENT)

N 38°24' 49" E 205.76'

S 51° 10' 00" E 55.80' REPUTED 760' CONTOUR

S 52 72.0 7' 00" E

A=40.54'
R=299.08'

19' CONCRETE DRIVE

GARAGE

GOV.

DECK

30' LINE

ACTUAL HIGH WATER LINE

LAKE NORMAN

1 STORY
ROCK & FRAME
FFE 770'

power box on 5' sep (Alarm box) 5' separation

COV. DECK

storm drain

ROCK & FRAME SHED (WELLHOUSE)

YARD INLET

LOT #37
0.75 AC

SEPTIC AREA

24.5'

34.5'

65.8'

#6 REBAR

202.94'
S 53° 53' 00" W

1500 gal Septic tank

1000 gal pump tank

COURSE	BEARING	DISTANCE
L-1	S 63° 53' 00" E	17.26'
L-2	S 43° 33' 00" E	11.49'

LOT #38

#6 REBAR

131.86'
N 52° 36' 00" W

15' CONCRETE DRIVE

COTTONPATCH LANE 60' R/W

17726

Pipe 36" below the road No joint below roadway pavement

No joint 5' each side 12" below the storm drain

See easement drawing

"I CERTIFY THAT THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY AND IS CORRECT AND TRUE TO THE BEST OF MY KNOWLEDGE."

RONNIE DEDMON, REG. SURV. L-1222

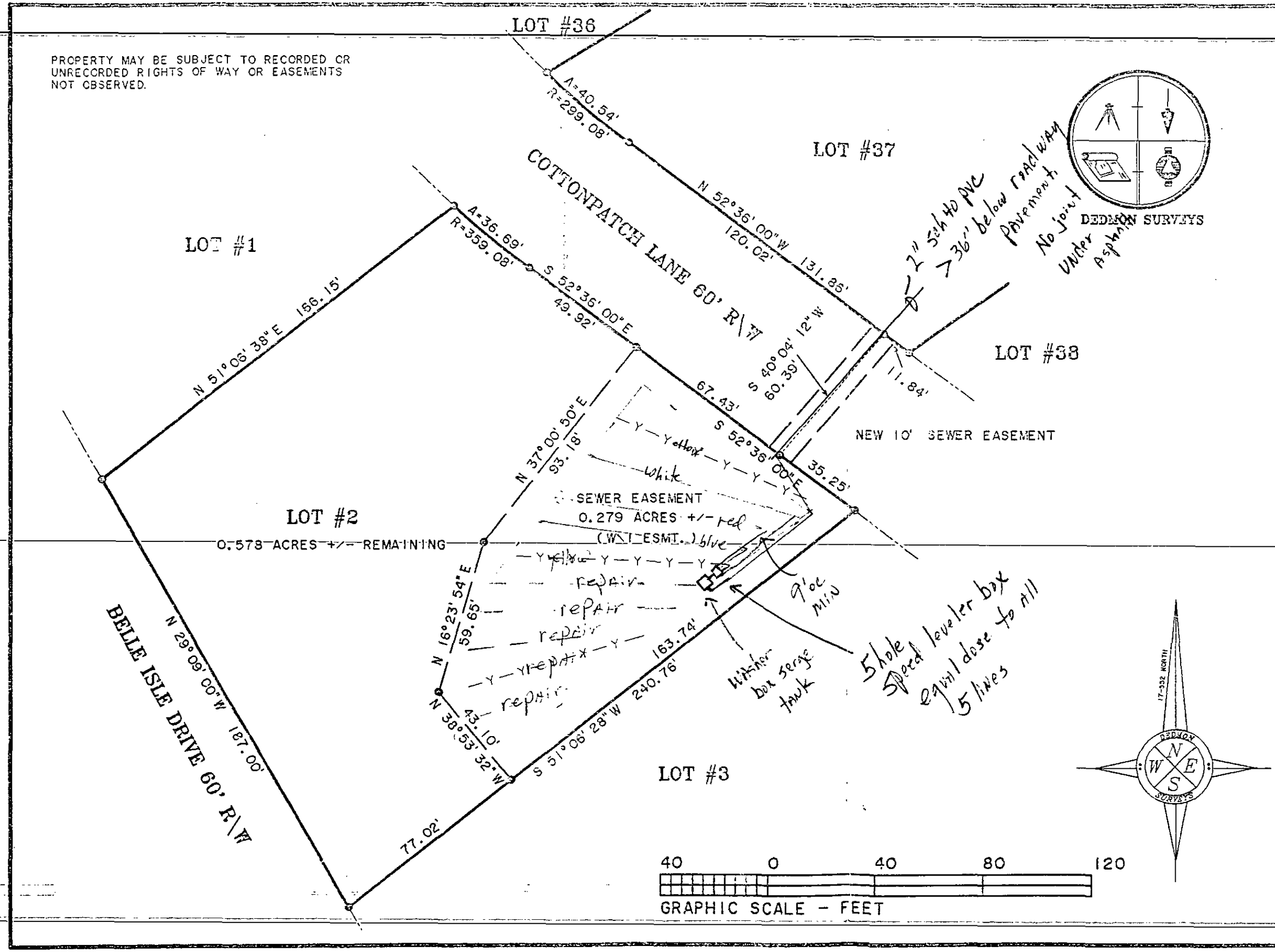
NORTH CAROLINA SEAL L-1222 RONNIE JETTON DEDMON

DEDMON SURVEYS

0 30 60 90
GRAPHIC SCALE ~ FEET

C61PEY/C.POOVEY

PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAY OR EASEMENTS NOT OBSERVED.



PHYSICAL SURVEY
FOR

SEWER EASEMENT FOR LOT #37 OF

CRESCENT LAND & TIMBER
PLAT BOOK 17, PAGE 552

SEPT. 29, 1997	DB:	PG:
SCALE: 1" = 40'	DB:	PG:
	PB: 17	PG: 552

LEMLEY TOWNSHIP
MECK. COUNTY, NC

RONNIE DEDMON SURVEYORS - P.A.

RONNIE DEDMON, REG. SURV. L-1222
CHUCK POOVEY, REG. SURV. L-3762
ROBERT DEDMON, REG. SURV. L-3899

P.O. BOX 494 - DENVER, N.C. 28037
PHONE: (704)-483-4908
FAX: (704)-483-2170

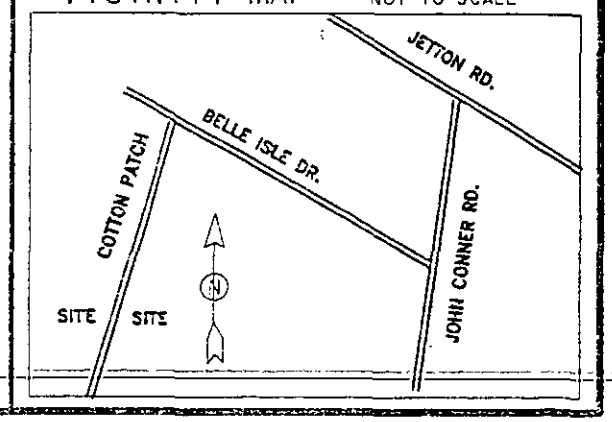
NORTH CAROLINA REGISTERED SEAL L-3899 LAND SURVEYOR ROBERT J. DEDMON

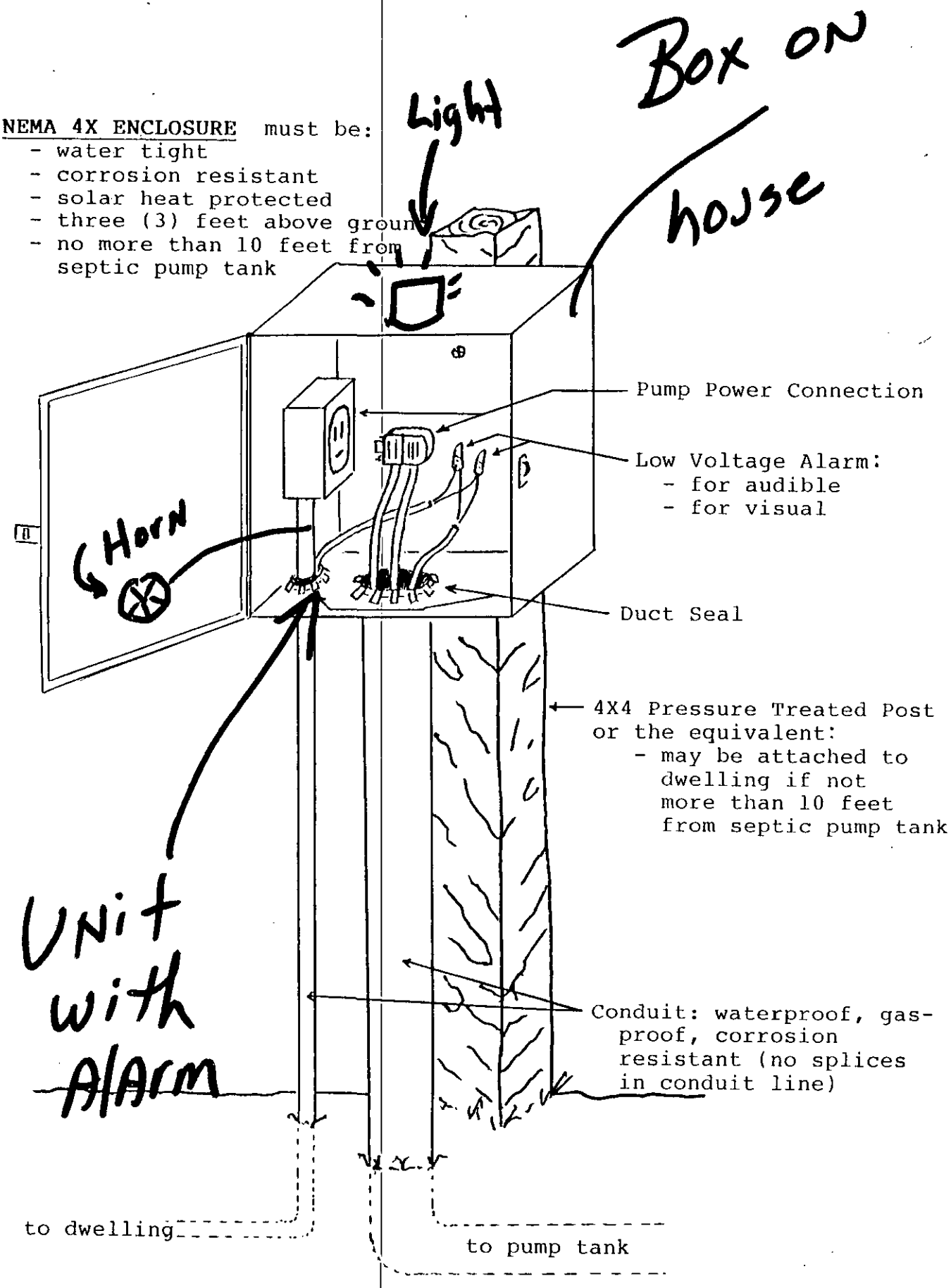
"I CERTIFY THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY AND IS CORRECT AND TRUE TO THE BEST OF MY KNOWLEDGE."

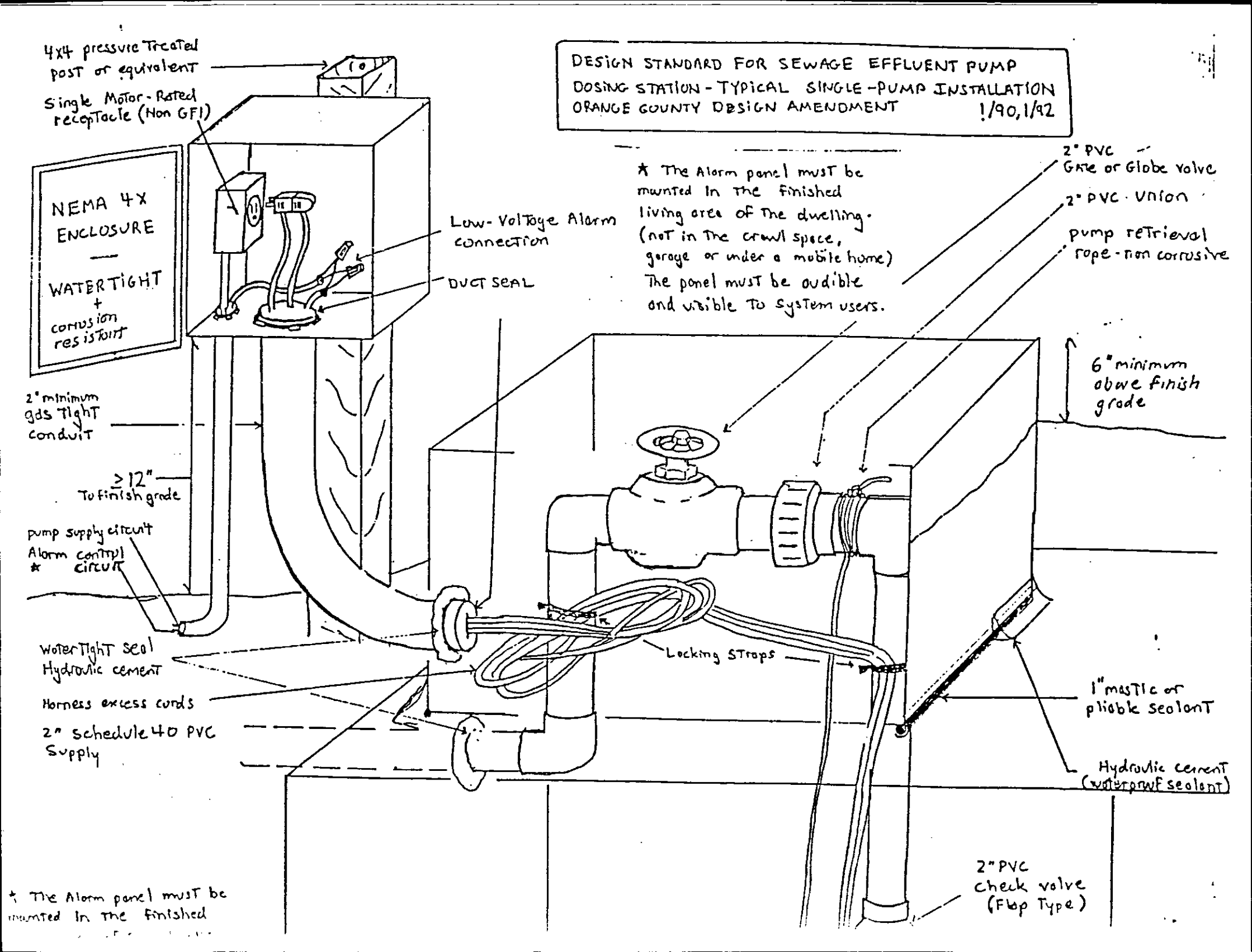
Robert J. Ded — L-3899
REG. LAND SURV. — LICENSE NO.

SURV. BY: ROB	DRAWN BY: ROB	JOB: Z42CP2

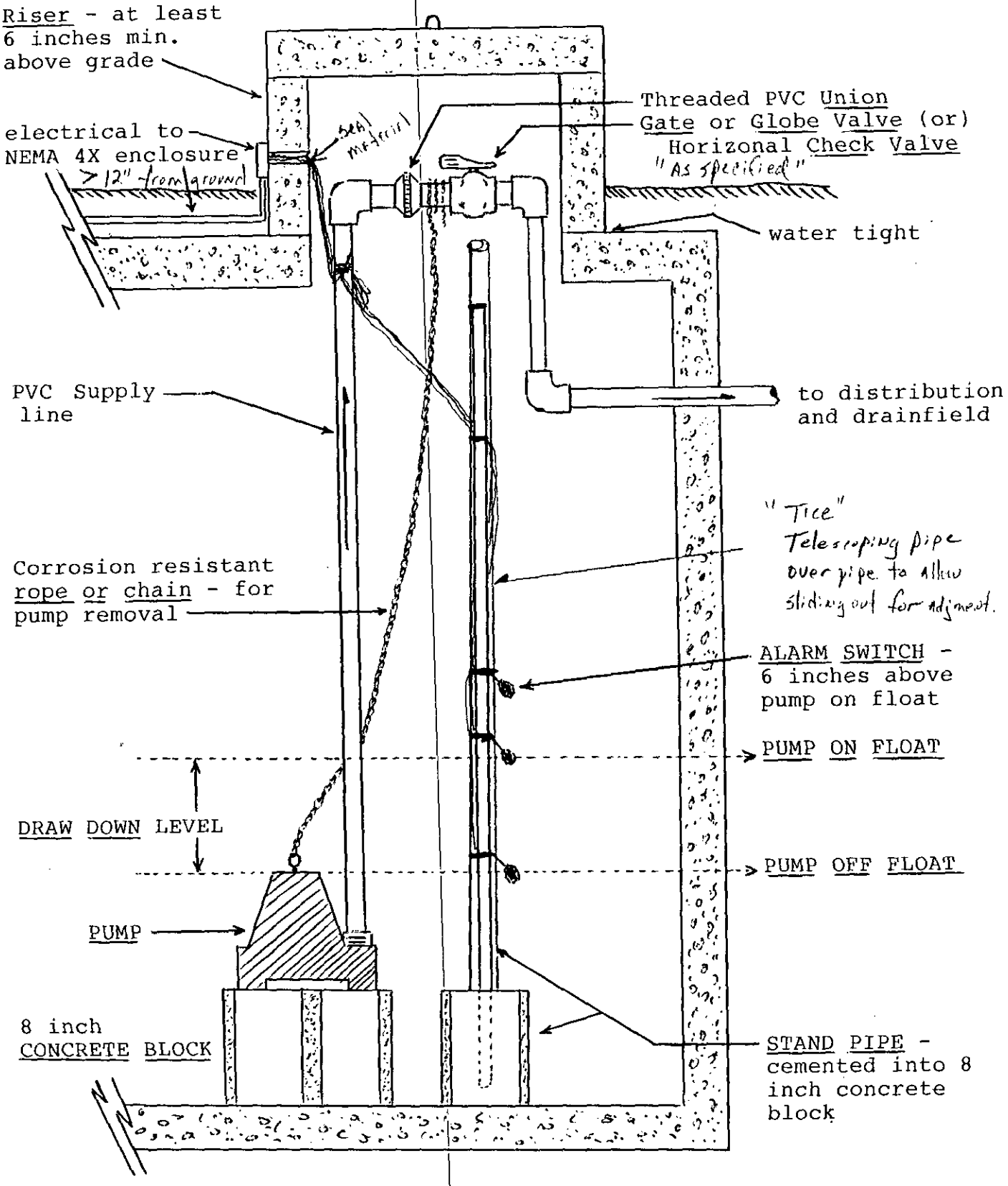
VICINITY MAP NOT TO SCALE



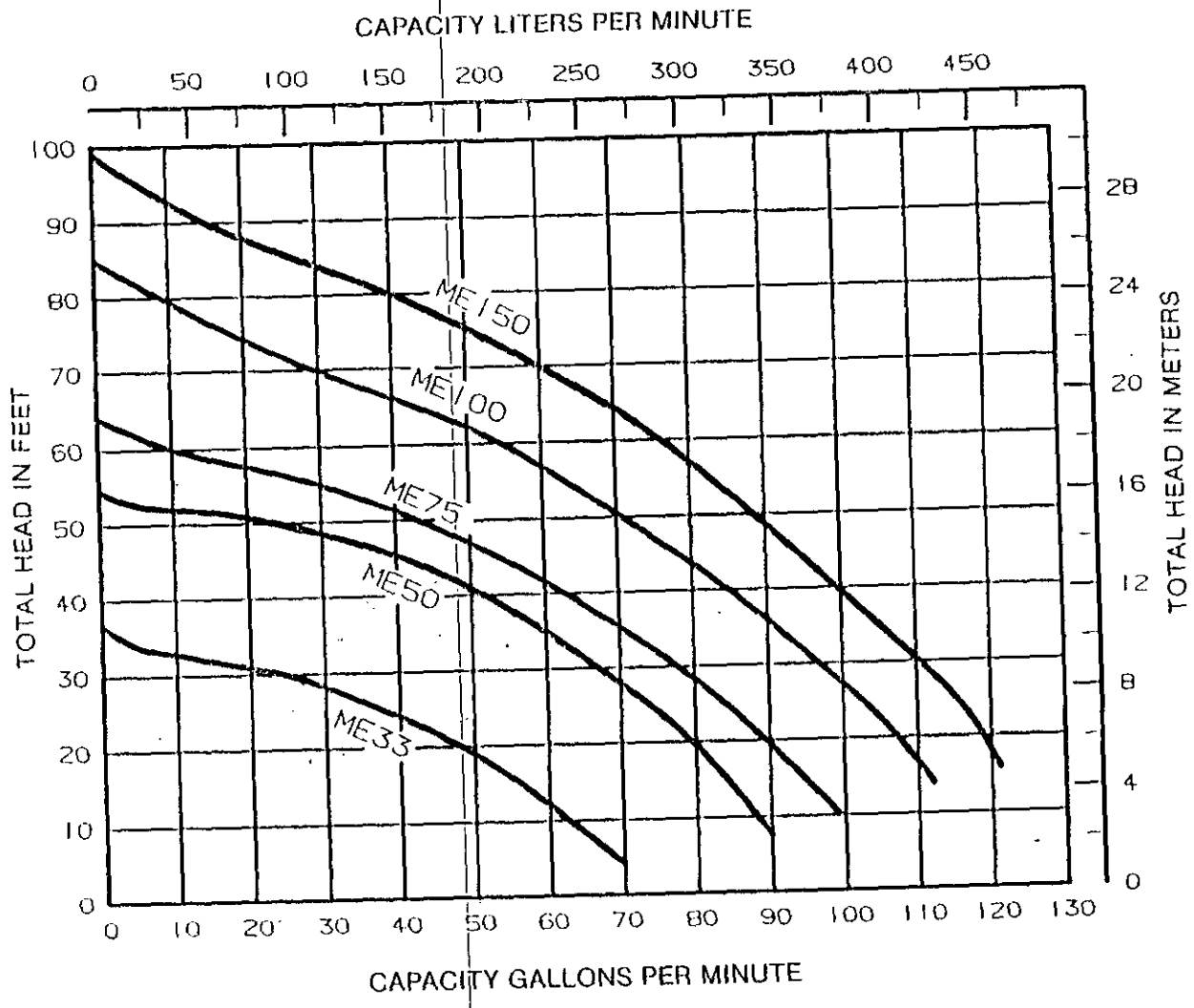

NEMA 4X ENCLOSURE must be:
- water tight
- corrosion resistant
- solar heat protected
- three (3) feet above ground
- no more than 10 feet from septic pump tank
Light
Box on house
Pump Power Connection
Low Voltage Alarm:
- for audible
- for visual
Horn
Duct Seal
4X4 Pressure Treated Post or the equivalent:
- may be attached to dwelling if not more than 10 feet from septic pump tank
Unit with Alarm
Conduit: waterproof, gas-proof, corrosion resistant (no splices in conduit line)
to dwelling
to pump tank


DESIGN STANDARD FOR SEWAGE EFFLUENT PUMP
DOSING STATION - TYPICAL SINGLE-PUMP INSTALLATION
ORANGE COUNTY DESIGN AMENDMENT 1/90, 1/92
4x4 pressure Treated post or equivalent
Single Motor-Rated receptacle (Non GFI)
NEMA 4X ENCLOSURE — WATERTIGHT + corrosion resistant
Low-Voltage Alarm connection
DUCT SEAL
* The Alarm panel must be mounted in the finished living area of the dwelling. (not in the crawl space, garage or under a mobile home) The panel must be audible and visible to system users.
2" PVC Gate or Globe valve
2" PVC Union
pump retrieval rope - non corrosive
6" minimum above finish grade
2" minimum gas tight conduit
≥ 12" To finish grade
pump supply circuit
Alarm control * circuit
Watertight seal Hydraulic cement
Harness excess cords
2" schedule 40 PVC Supply
Locking Straps
1" mastic or pliable sealant
Hydraulic cement (waterproof sealant)
2" PVC check valve (Flap Type)
* The Alarm panel must be mounted in the finished

PUMP DIAGRAM



ME Series
1/3 through 1-1/2 HP
Effluent Pumps
Performance Curve



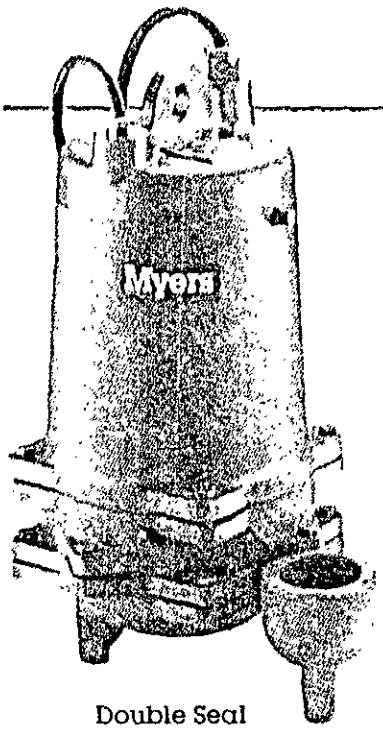
F.E. Myers, A Pentair Company • 1101 Myers Parkway, Ashland, Ohio 44805-1923
419/289-1144 FAX 419/289-6658 Telex 98-7443

K3327 7/91

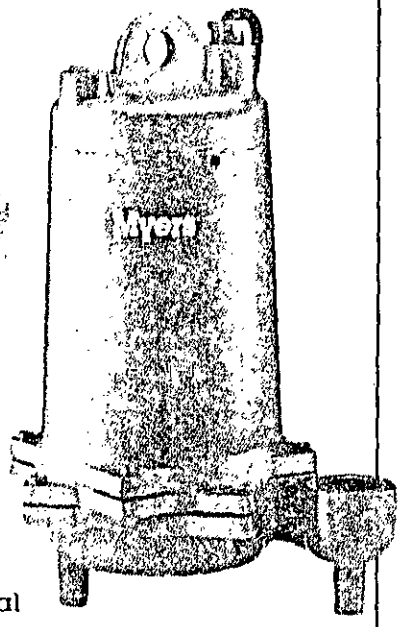
Printed in U.S.A.

ME SERIES

1/3 through 1-1/2 HP
Effluent Pumps



Double Seal



Single Seal

THE MYERS ME SERIES EFFLUENT PUMPS ARE DESIGNED SPECIFICALLY FOR TODAY'S EFFLUENT PRESSURE DISTRIBUTION MOUNDS, TRENCHES AND HIGH FLOW DRAINAGE APPLICATIONS. The ME Series effluent pumps with their efficient two vane, enclosed impellers, provide the ideal performance for optimum dosing. ME Series pumps are constructed of only corrosion resistant materials like cast iron, stainless steel and thermoplastics to assure that they will perform for years to come in the harsh effluent environment and drainage applications. For more information, call your Myers distributor today or the Myers Ashland, Ohio sales office at 419/289-1144.

ADVANTAGES BY DESIGN

IDEAL FOR USE IN MOUND AND TRENCH PRESSURE DISTRIBUTION SYSTEMS

- High efficiency, two vane, enclosed impeller provides ideal performance for most efficient dosing.
- Impeller passes full ¾ inch solids.
- Enclosed impeller design eliminates possibility of jamming or corrosion between impeller and volute.

DURABLE MOTOR WILL DELIVER MANY YEARS OF RELIABLE SERVICE

- Oil-filled motor for maximum heat dissipation and constant bearing lubrication.
- High torque, permanent split capacitor (PSC), single phase motors. No starting switches or relays to wear out.
- Optional seal leak probe warns of seal leak condition. (Dual seal motors only.) Helps prevent costly motor damage.
- Motors have on winding current and temperature sensitive overload. (Single phase only.)

THE ME SERIES EFFLUENT PUMPS ARE DESIGNED FOR YEARS OF MAINTENANCE FREE OPERATION

- Volute seal ring is replaceable. Restores pump to original performance if wear should occur.
- Motor is held in place by 4 screws. Easily removed if service is ever needed.

PRODUCT CAPABILITIES

Capacities To	120 GPM	454 LPM
Heads To	98 ft.	29.8 m
Max. Spherical Solids	¾ in.	19 mm
Liquids Handling	domestic effluent & drain water	
Intermittent Liquid Temp.	up to 140° F	up to 60° C
Motor Electrical Data	1/3 & 1/2 HP, 115 volts, 1 ph 1/3 to 1-1/2 HP, 230 volts, 1 ph 208, 230, 460, 575 volts, 3 ph oil-filled, permanent split capacitor type, 1 ph, 3450 rpm, 60 Hz	
Motor Insulation	Class B (130°C)	
Third Party Approvals	Pending	
Acceptable pH Range	6-9	
Specific Gravity	.9-1.1	
Viscosity	28-35 SSU	
Discharge, NPT	2 in.	50.8 mm
Min. Sump Dia. Simplex Duplex	24 in. 36 in.	61 cm 91.4 cm

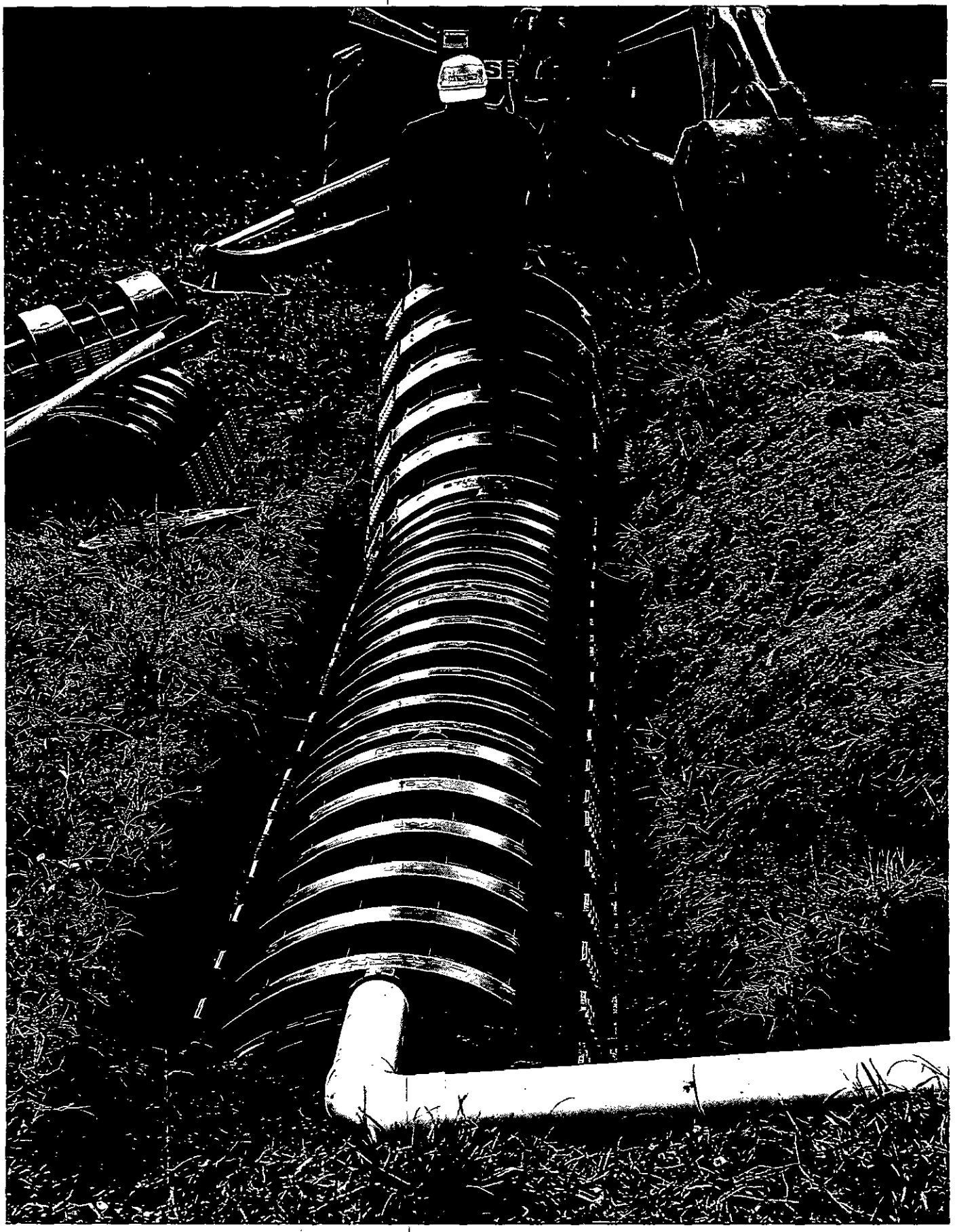
Construction Materials	
Motor Housing, Volute	cast iron, Class 30, ASTM A48-76
Enclosed Two Vane Impeller Standard Optional	engineered thermoplastic bronze
Impeller Wear Ring	304 SST
Volute Sealing Ring	Buna-N
Shaft	416 SST
Power Cord 1/3 & 1/2 HP, 1 Ph 3/4 - 1-1/2 HP, 1 Ph All 3 Ph	 20 ft. 16/3 SJOW/SJOW-A 20 ft. 14/3 SJOW/SJOW-A 20 ft. 14/4 SOW/SOW-A
Shaft Seals Standard Optional Opt. Lower	single carbon & ceramic tandem carbon & ceramic tungsten carbide
Fasteners	300 Series SST

WHERE INNOVATION MEETS TRADITION

Myers®

The Infiltrator® Chamber System for Septic Leachfields.

INFILTRATOR® SYSTEMS INC

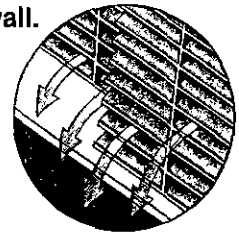


Standard and High Capacity Infiltrator chambers provide up to twice the infiltrative capacity of stone and pipe systems.

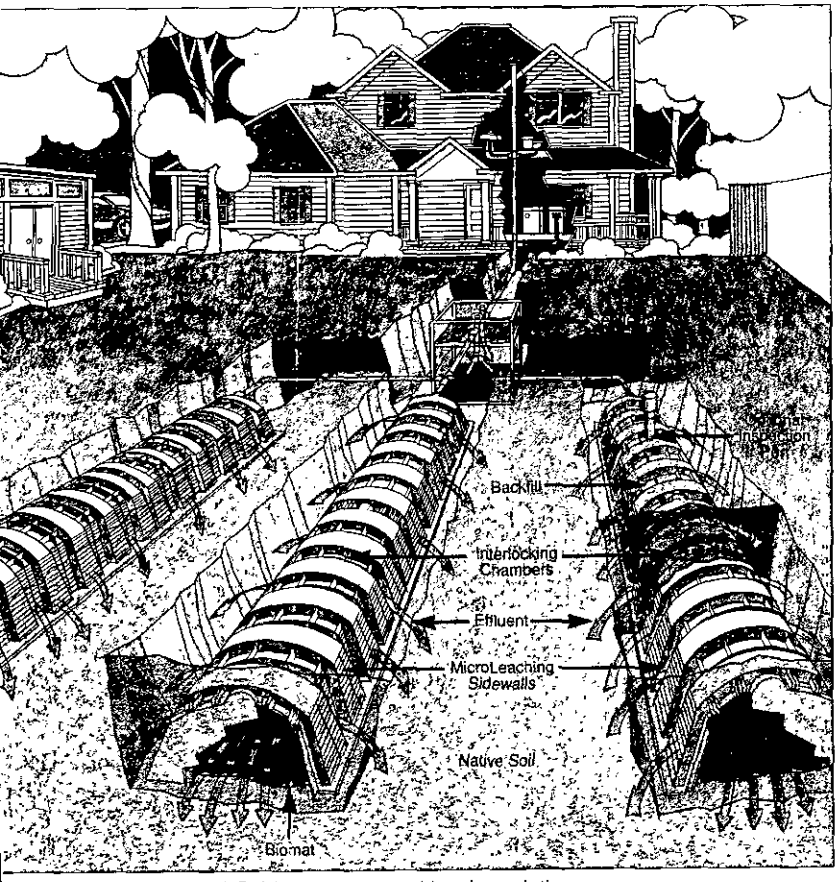
The Infiltrator Chamber System replaces old-fashioned stone and pipe leachfields with patented, high-strength polymer chambers. Two chamber sizes are available, Standard and High Capacity, both designed to fit in a standard 36" wide trench. Infiltrator chambers sit directly on the trench bottom. The patented interlocks add strength and latch the chambers together quickly, end to end, so installation takes less than half the time of a laborious stone and pipe job.

Infiltrator chambers may be used for any application that is suitable for stone and pipe. However, by offering greater infiltrative capacity per linear foot, chamber systems can require as little as half the space as conventional systems.*

Patented MicroLeaching™ sidewall.
The Infiltrator chamber has an engineered, louvered sidewall that allows effluent to pass laterally into the soil. The angled louvers prevent backfill intrusion into the chamber while 1/4" slots allow lateral leaching.



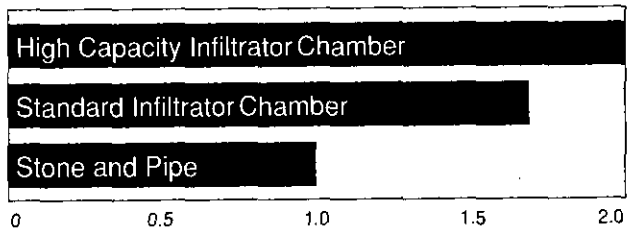
MicroLeaching sidewall



* Subject to state and local regulations.

Open chamber bottom boosts infiltration.
The chamber bottom is completely open, promoting effluent infiltration into the soil with 100% efficiency. The open-bottom area, in combination with the MicroLeaching sidewall, provides maximum infiltrative capacity for long-term, trouble-free service.

LTAR (Long-Term Acceptance Rate).



This graph demonstrates the dramatic efficiency improvement in LTAR of Infiltrator chambers over stone and pipe trenches. The LTAR is a measure of the long-term ability of the system to pass effluent into the soil. For example, High Capacity Infiltrator chambers move up to twice the effluent of a same-size stone and pipe trench. This efficiency is recognized by many state and local jurisdictions, who in turn may allow up to 50% shorter trenches.

High-density polyethylene construction.
Infiltrator chambers are molded of high-density PolyTuff™ polyethylene. This proprietary blend, including recycled resins, is formulated for optimum strength and chemical resistance. It's impervious to wastewater constituents and is stabilized to resist ultraviolet rays. Infiltrator chambers are manufactured using an exclusive patented process to assure consistent high quality.

AASHTO H-10 and H-20 load ratings.
Infiltrator chambers have been structurally tested by a registered professional engineer. Both Standard and High Capacity chambers are available with AASHTO ratings of H-10 (16,000 lb/axle with 12" of compacted cover) or H-20 (32,000 lb/axle with 18" of compacted cover).

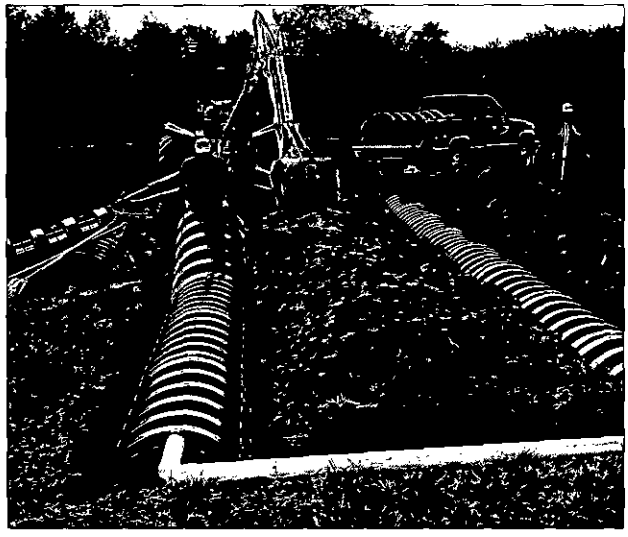
Nominal chamber specifications.

	Standard Chamber	High Capacity Chamber
Size, W x L x H	3' x 6-1/4' x 1'	3' x 6-1/4' x 1-1/3'
Weight	27 lb.	33 lb.
Capacity	77 gal. (10.3 cu. ft.)	122 gal. (16.3 cu. ft.)

Compare the installation and operating advantages.

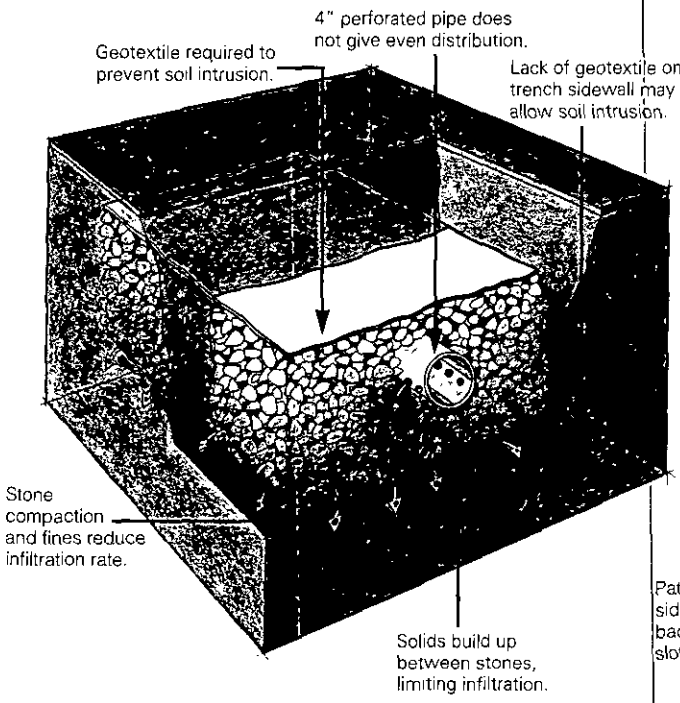


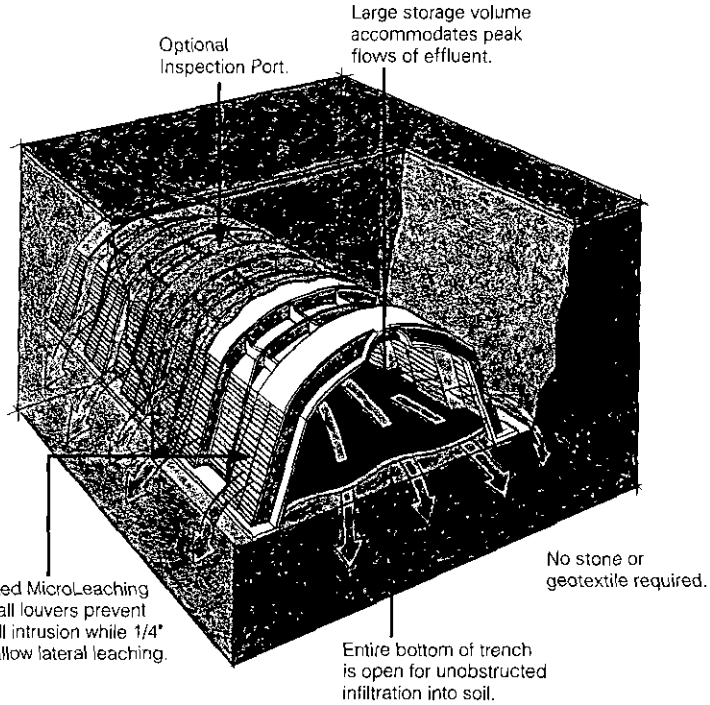
Conventional stone and pipe system



Infiltrator Chamber System

• Labor-intensive, lengthy installation.	• Easy assembly and installation by two people.
• Dump truck needed for stone delivery.	• Only a backhoe and pickup truck are required.
• Stone hauling adds expense and time, and increases soil compaction.	• Lightweight chambers can be delivered in one pickup truck load and hand-carried into position.
• Stone in trench reduces Long-Term Acceptance Rate by more than 50%.	• Entire trench bottom is open for effluent infiltration with 100% efficiency.
• Heavy traffic across yard and spilled stone mean there is more site repair needed after installation.	• There is less regrading, tree damage and landscape repair involved, and no stone cleanup.
• System lacks easy inspection and monitoring of leachfield without digging up the yard.	• Inspection port is available for easy access to leachfield with no site disruption.
• Geotextile required on top of stone.	• Solid-topped chambers need no geotextile.
• Greater overall cost.	• Lower overall cost.





Infiltrator Systems Inc., the industry leader in septic and stormwater chamber system technology.

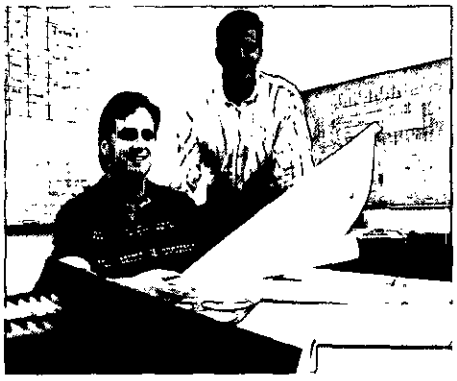
Four million chambers already in service.
In just eight years, the innovative leaching chambers of Infiltrator Systems have drastically changed the technology of on-site septic and stormwater disposal. Already, 4 million chambers have been installed in 46 states, Canada and other countries, forming over 75 million square feet of chamber systems with a success rate of 99.5%. And, we're expanding at the rate of 6,000 new systems a month.

Environmentally concerned company.
Infiltrator Systems devotes over $500,000 a year to research and development, creating new products that operate more and more efficiently and conserve natural resources. Besides using recycled resins, Infiltrator Systems' products take better care of the environment by avoiding the mining, crushing, grading, washing and hauling of stone, as well as the environmental impact and site disruption that stone causes. That's one of our "greener" ideas for septic and stormwater disposal that just makes sense.

Infiltrator stormwater management.
Besides our septic chamber systems, Infiltrator Systems is on the leading edge of the emerging stormwater management field. Large storage and infiltrative capacities, combined with underground installation, give designers better solutions for retention or detention applications.

For more information...

Call 1-800-221-4436 for a free copy of the *septic installation instructions.*







INFILTRATOR® SYSTEMS INC

Leading the way in septic and stormwater chamber systems℠

4 Business Park Road, P.O. Box 768
Old Saybrook, CT 06475
800-221-4436 860-388-6639 FAX 860-388-6810

Distributed By:

Parnell-Martin Co.
3501 Vest Mill Road
Winston-Salem, NC 27103
(910) 765-7580

U.S. Patents: 4,758,561; 5,107,401; 5,156,448; 5,336,017; 5,401,459, 5,401,116
Canadian Patent: 1,329,959 Other U.S., Canadian and foreign patents pending.

Infiltrator is a registered trademark and the following are trademarks of Infiltrator Systems Inc.: Contour, Equalizer 24, Maximizer, MicroLeaching, PolyTuff, PowerArch, SideWinder, SnapLock.

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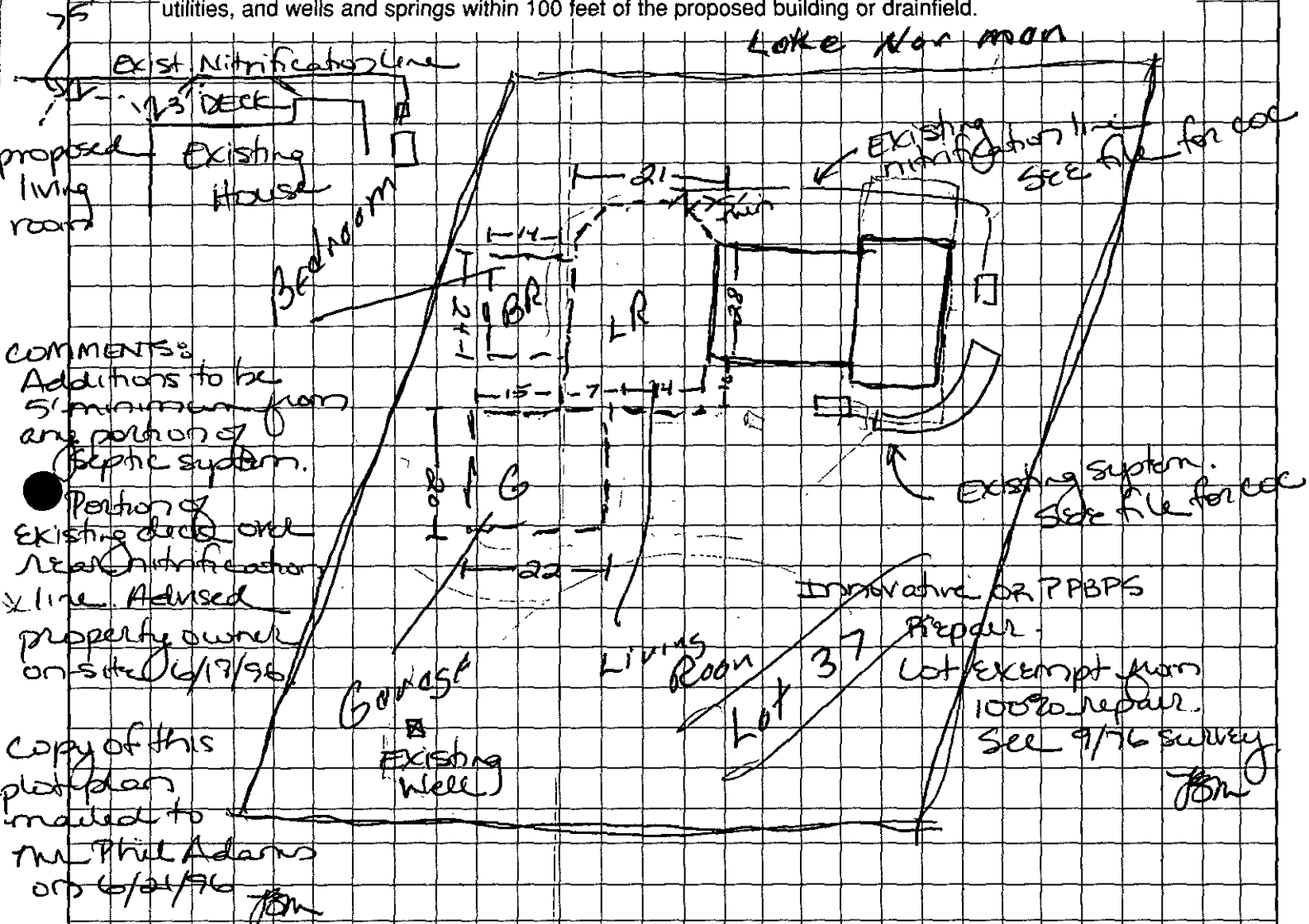
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1125A

TC: 001-312-31

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.



COMMENTS:
Additions to be 5' minimum from any portion of Septic system.
Portion of Existing deck and Nitrification line. Advised property owner on site 6/17/96

Copy of this plot plan mailed to Mr. Phil Adams on 6/21/96 jbm

Innovative or PPBPS Repair. Lot exempt from 100% repair. See 9/96 survey jbm

existing system. See file for OC

EXISTING Nitrification See file for OC

Note:
Approval to use existing system for the addition of one bedroom, living room & garage. No change in sewage flow - house to remain a 3 bedroom. Existing house has 2 bedrooms with an additional bedroom currently being utilized as a den. With new additions existing den (3rd bedroom) will be renovated into either a dining room without closets or den without closets. jbm

OWNER/AGENT SIGNATURE

DATE 6/2/96

APPROVAL DATE 6/18/96 Joab B. Mialik, RS
IWS

See plot plan in file dated 6/18/96 by Phillip Adams

White - Health Department's Copy | Canary - E.H.S. Copy | Pink - Owner's Copy

BK: 09304 PG: 0534/0539 #:0377 18.00
JUDITH A GIBSON REG OF DEEDS MECK NC
FILED FOR REGISTRATION 10/16/97 15:09

file # 1125A

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

SEPTIC EASEMENT AND MAINTENANCE AGREEMENT

THIS GRANT OF EASEMENT, made this 16th day of October, 1997, by CRESCENT RESOURCES, INC. (hereinafter referred to as "Grantor"), to PHILLIP M. ADAMS AND HIS WIFE, LYNN M. ADAMS and their assigns in interest in Lot 37 (defined below), (hereinafter referred to as "Grantee"). The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors and assigns and shall include singular, plural, masculine, feminine or neuter as required by context.

W I T N E S S E T H:

WHEREAS, Grantor is the owner in fee simple of certain real property described as Cottonpatch Lane, Lemley Township, Mecklenburg County, North Carolina, as more specifically shown on the illustration on Exhibit "B" attached hereto and made a part hereof (hereinafter referred to as the "Road"); and

WHEREAS, Grantee has provided for the construction of a wastewater collection, treatment and disposal system (the "Septic System") to benefit certain real property located at 17726 Cottonpatch Lane, Cornelius, NC, known as Lot 37, Section 2 of LAKE NORMAN, as shown on a map recorded in Map Book 17, at Page 552, of the Mecklenburg County Registry (hereinafter referred to as "Lot 37") which requires that the pipe for such Septic System encroach on the sixty foot right of way of the Road; and

WHEREAS, Grantor has agreed to grant an easement to allow the pipes for the Septic System to be installed across a ten foot wide portion of the Road described on Exhibit "A" attached hereto and made a part hereof ; and

WHEREAS, Grantee has agreed to accept an easement for the ten foot portion of the Road herein described in Exhibit "A" so that the pipes for the Septic System may be installed and maintained therein; and

NOW, THEREFORE, in consideration of the mutual covenants and undertakings herein contained and other good and valuable consideration in the amount of Two Hundred Fifty Dollars ($250.00), the receipt of which is hereby acknowledged, Grantor has bargained and sold, and by these presents does hereby bargain, sell, and convey unto the Grantee for use as a permanent and perpetual septic pipe easement (which shall include, but not be limited to the installation, inspection, replacement, repair, operation and/or maintenance of the Septic System as may be necessary for the collection, treatment and disposal of wastewater from Lot 37) across that ten foot portion of the Road described on Exhibit "A" attached hereto and made a part hereof.

By Cathy Bentz
19453-E Hwy 73 West
Cornelius, N.C. 28031

100

TO HAVE AND TO HOLD the aforesaid easement and all privileges and appurtenances thereunto belonging to the said Grantee, its successors and assigns forever and the same Grantor does covenant that it seized of said premises in fee and has the right to convey the said easement, that the same is free from encumbrances except easements, restrictions, rights of way and other matters of record and that it will warrant and defend the said title to the same against claims of all persons whomsoever except as to those exceptions stated herein.

Grantee agrees to properly install, operate, maintain and repair the Septic System in accordance with applicable permit provisions, rules and laws and to restore all areas disturbed during installation and maintenance to the reasonable satisfaction of Grantor.

Without limiting the generality of the foregoing, Grantee specifically agrees to conform to the standards and specifications required by the North Carolina Department of Transportation with respect to encroachments within the rights-of-way of public roads maintained by that Department, including the depth at which such lines shall be placed.

By accepting this easement, Grantee agrees to defend, indemnify and hold harmless Grantor from and against any and all claims, loss, damage, expense, and liability arising out of or relating to the rights granted hereunder.

IN WITNESS WHEREOF, the Grantor has caused this easement to be executed this ___ day of October, 1997.

CRESCENT RESOURCES SEAL

GRANTOR

CRESCENT RESOURCES, INC.

ATTEST:

Asst. Secretary

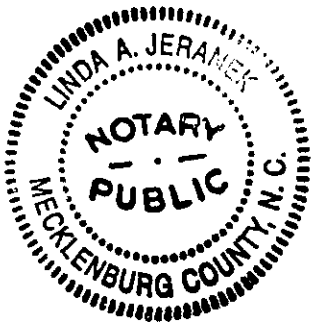
By: Ronald M. Bost
Sr. V. President

(Corporate Seal)

STATE OF North Carolina
COUNTY OF Mecklenburg

I, Linda A. Jeranek, a Notary Public for said County and State, do hereby certify that Ethelene G. Williams personally came before me this day and acknowledged that she is Ass't. Secretary of CRESCENT RESOURCES, INC., and that by authority duly given and as the act of the corporation the foregoing instrument was signed in its name by its Sr. V-President, sealed with its corporate seal, and attested by her as its Ass't. Secretary.

WITNESS my hand and notarial seal, this the 16th day of October, 1997.



Notary Public

My Commission Expires: 7-24-2001

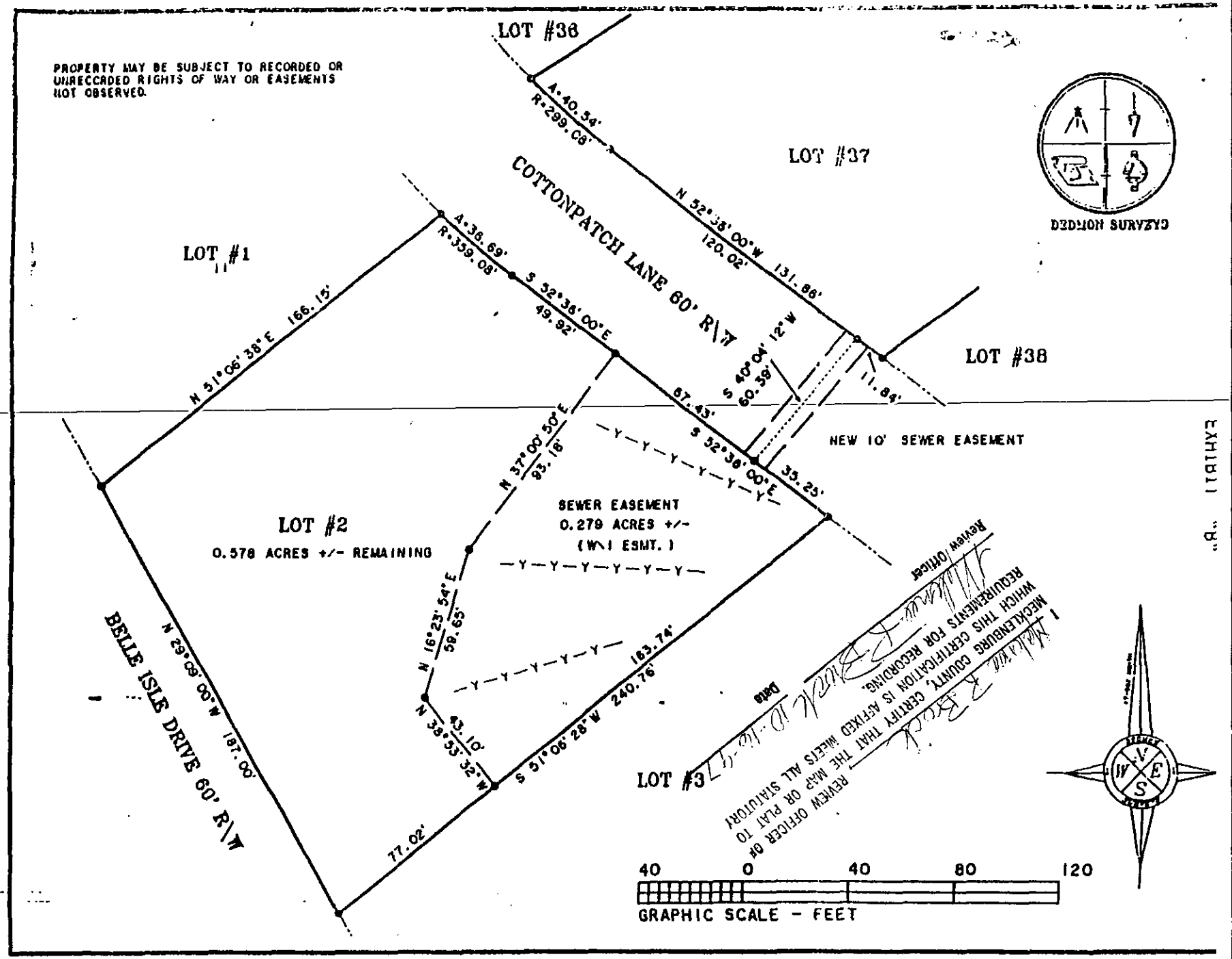
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EXHIBIT "A"

A 10' wide sewer easement running across Cottonpatch Lane in Lemley Township, Mecklenburg County, North Carolina with a centerline more particularly described as follows:

BEGINNING at a point in the northeastern right of way of Cottonpatch Lane, said point being located North 52-36-00 West 11.84 feet from the southeast corner of Lot 37 in Section 2 of LAKE NORMAN as shown on map recorded in Map Book 17, Page 552, Mecklenburg County Registry, and running thence South 40-04-12 West 60.39 feet to a point located in the southwestern right of way of said road, said point being located North 52-36-00 West 35.25 feet from the southeast corner of Lot 2, Phillip Adams Property, Map 1 as shown on map recorded in Map Book 26, Page 579, Mecklenburg County Registry. Said easement is described on physical survey entitled, "Sewer Easement for Lot #37 of Crescent Land & Timber, Plat Book 17, Page 552," by Ronnie Dedmon Surveyors, dated September 29, 1997.

See illustration attached hereto as Exhibit "B."



This map is not a certified survey and no reliance may be placed in its accuracy.

BK: 09304 PG: 0549/0552 #:0380 19.95
JUDITH A GIBSON REG OF DEEDS MECK NC
FILED FOR REGISTRATION 10/16/97 15:09

file # 1125A

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969

FILE # 1125A
PARCEL # 001-312-31

The undersigned, Phillip M. Adams, owner of property located at 1726 Cottonpatch Lane (Lot 37), (the "site") and described in an instrument recorded in Book 17 at Page 552, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (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 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested 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 is allowed by the rules; 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 the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, 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 acknowledges that the following conditions will apply to the site:

- Any changes on the property may make the Improvement Permit Null and void and may make the Improvement Permit subject to revocation.

This instrument was prepared by: Tony C Jacobs, CPSS
Mail after recording to: 168 Broadbill Dr.
Mooresville, N.C. 28115

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement 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.

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.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this _____ day of _____, 199__.

_____ (SEAL)
(Corporate Name)

_____ (SEAL)

By: _____ _____ (SEAL)

_____ President _____ (SEAL)

ATTEST:

_____

_____ Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg Cabarrus

I, Anne H. Patterson, a Notary Public for ~~said~~ County and State, do hereby certify that Philip M. Adams personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 8th day of October, 1997.



My Commission Expires: _____

Anne H. Patterson
Notary Public

STATE OF NORTH CAROLINA
COUNTY OF _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that _he is _____ Secretary of _____ _____, a North Carolina corporation, 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 _____ as its _____ Secretary.

WITNESS my hand and notarial seal, this _____ day of _____, 199__.

_____
Notary Public

My Commission Expires:

_____

PROPOSED PLOT PLAN

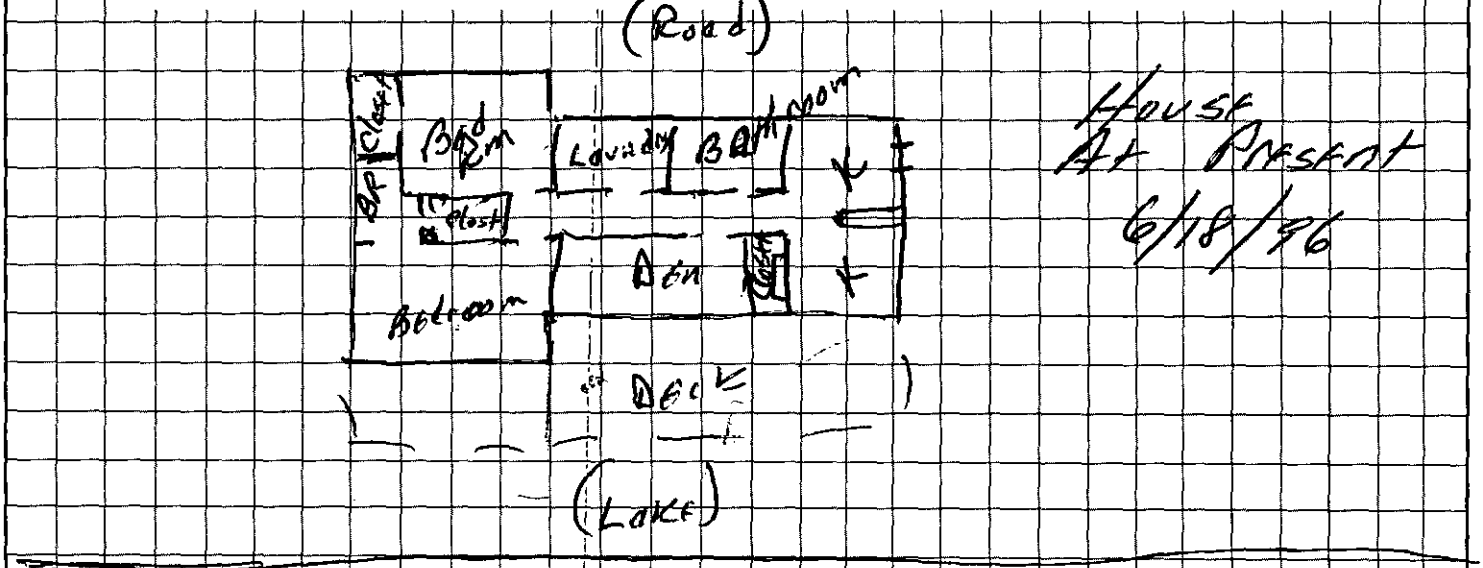
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

Attn. Lisa B. Mialik
FAX 336-6894

FILE: 1125A

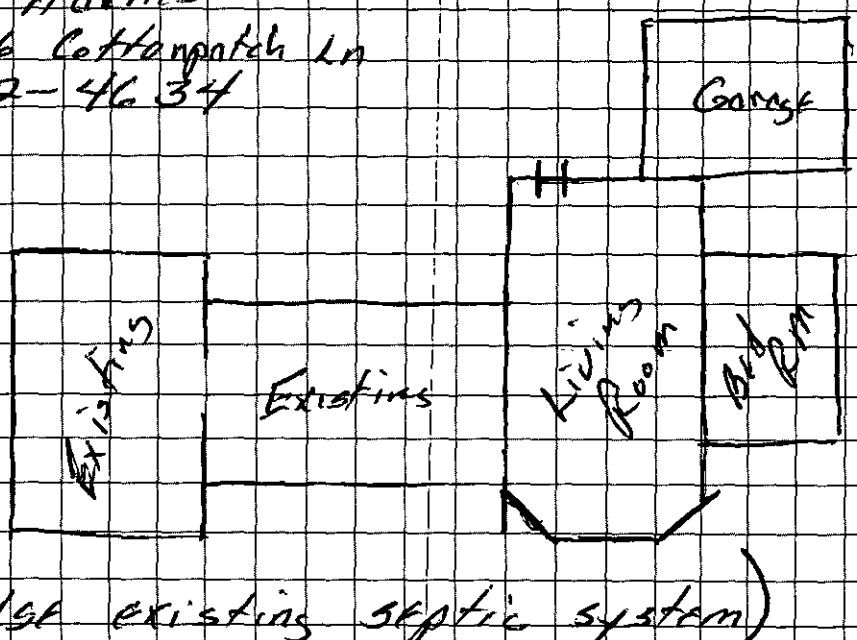
TC: 001-312-31

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.



Road

Phil Adams
17726 Cottonpatch Ln
892-4634



OWNER/AGENT SIGNATURE

DATE 6/18/96

APPROVAL DATE 6/18/96 Lisa B. Mialik REHS
UXS - No change Sewage flow.
House to remain a 3 bedroom.

White - Health Department's Copy | Canary - E.H.S. Copy | Pink - Owner's Copy

PROPOSED PLOT PLAN

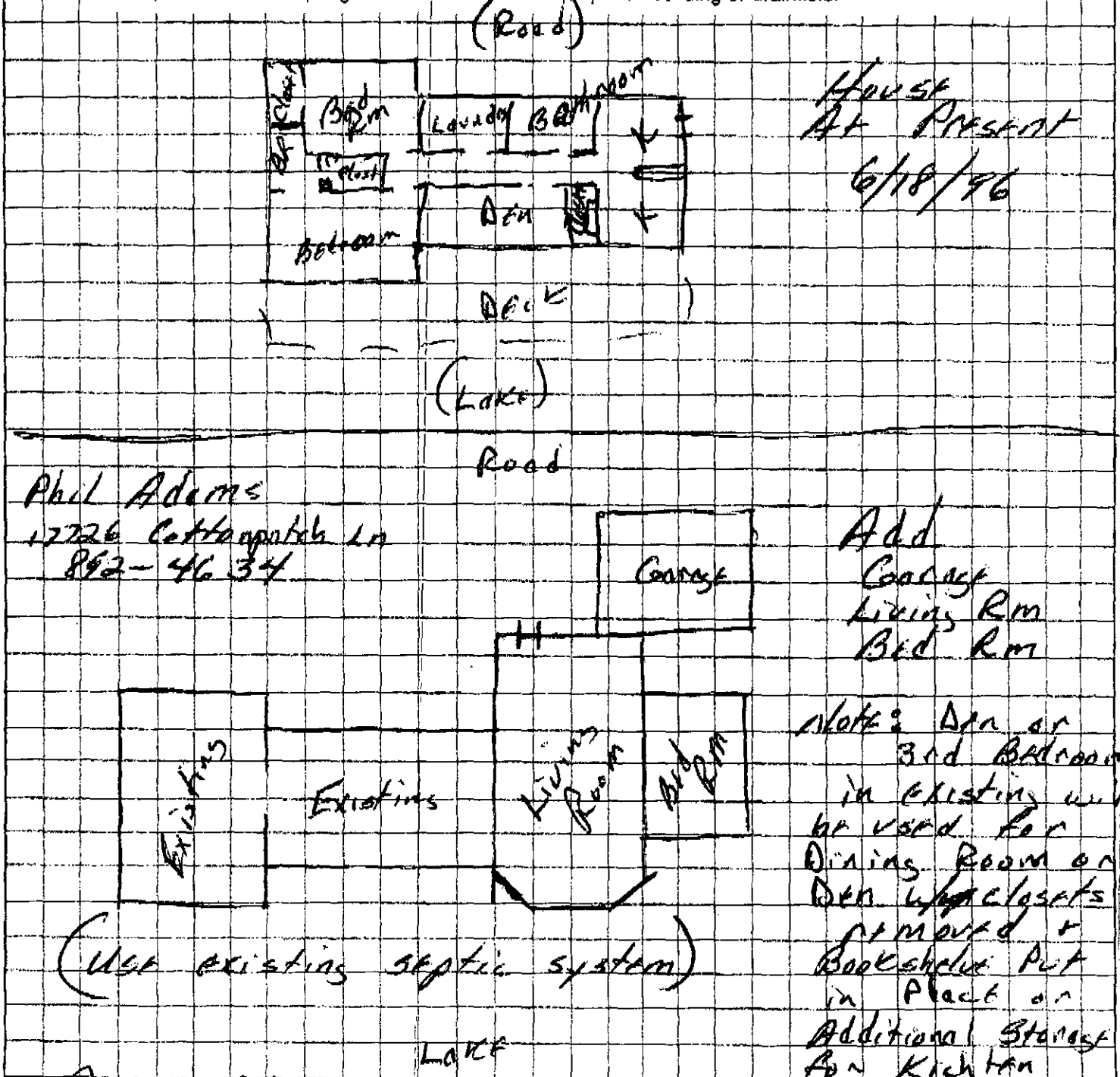
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

Attn. Lisa B. Mialik
FAX 336-6894

FILE: 1125A

TC: 001-312-31

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.



OWNER/AGENT SIGNATURE

DATE 6/18/96

APPROVAL DATE

White - Health Department's Copy

PROPOSED PLOT PLAN

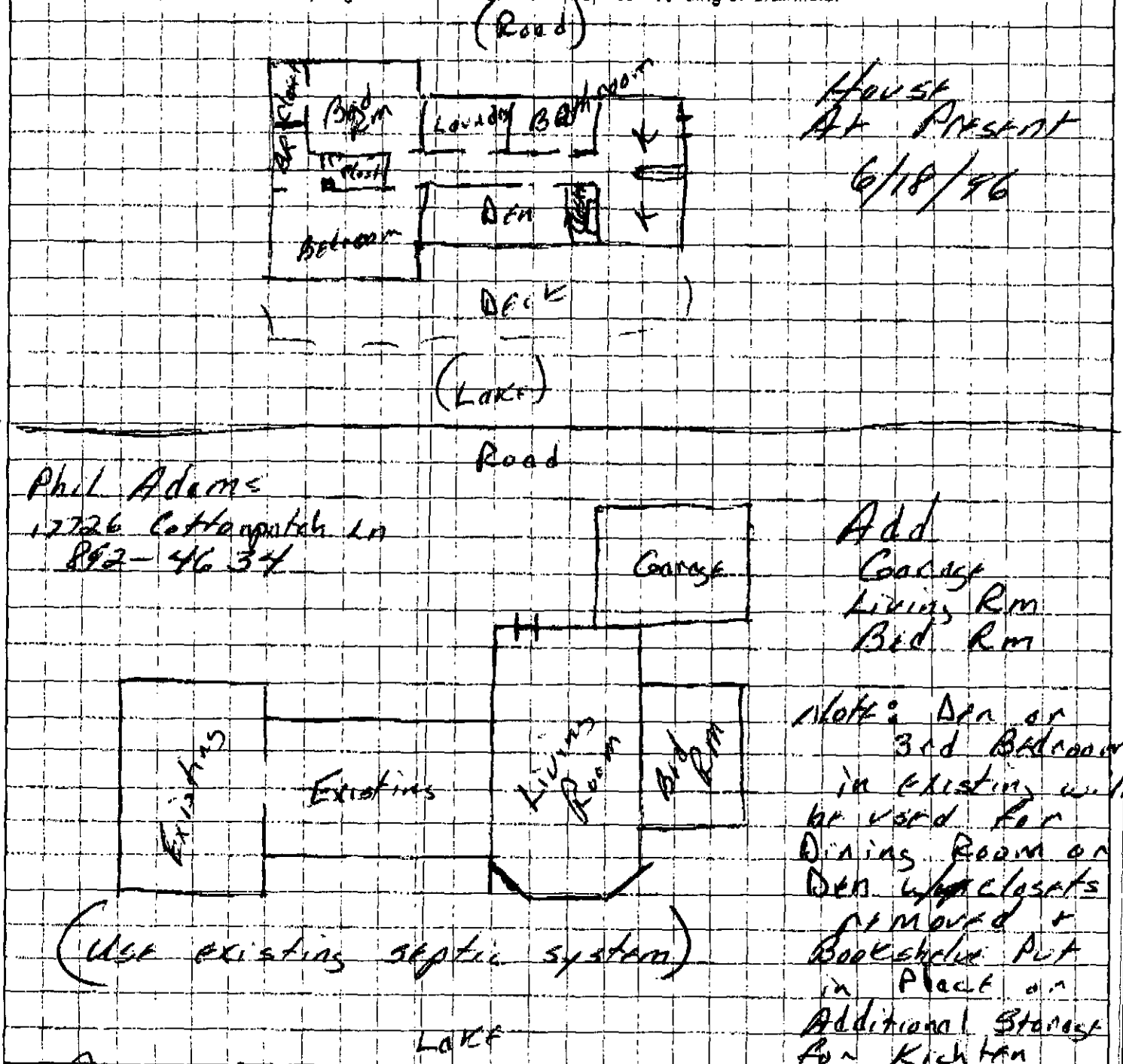
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OWNER/AGENT SIGNATURE

DATE 6/18/96

APPROVAL DATE

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

Mecklenbu
Health Dep

Keep in file

MEMORA

DATE: September 4, 1997

TO: Sylvia Daniel, R.S.
Program Chief, IWWS

FROM: Judy Kiser, R.S.

SUBJECT: 17726 Cottonpatch Lane, File 1125A
Tax Parcel #001-312-31

Following is a synopsis of a site visit conducted with Kelly Randall on August 26, 1997.

Kelly and I visited the site at the request of Larry Thompson, to view the recent construction at the site and respond with appropriate comments for action.

Larry advised that he had responded to a an Improvement Permit request to approve a well house site that had already been constructed. (Apparently, Building Standards and Code Enforcement were requested to do a final for power and found that no permit approval for this construction had been approved by this office). They referred the property owner to this Department. When Larry visited the site for this purpose, he determined that other construction, in addition to the well house, had been completed. There is an Improvement Permit request on file, dated in 1996 granting approval for specific construction; however no reference is made to the well house or the other additions to the home that Larry noted at that time.

Kelly and I confirmed Larry's information that an extension had been made to the home at the right rear of the house (location established by standing in the road, facing the home). This addition is built over a portion of the septic nitrification field lines. Also, a subsurface drainage system has been installed within a few feet (5 to 10 feet) of the sewage system. Records are available in the file which document a previous building addition over the nitrification field system. A porch/deck has been added at some time on the lakefront side of the home and this is located over a portion of the nitrification field system.

CONCERNS:

- The subsurface drainage system is piped directly to Lake Norman. Given the proximity to the sewage disposal system, it would appear there is a very strong possibility that sewage may be picked up from the system and dispersed to the lake.

- Sampling should be conducted at the Lake to determine if sewage is currently being discharged.

- The sewage disposal system is now impacted/covered with building construction and cannot meet a 5' separation distance as required in the Sewage Rules.

- The sewage disposal system could certainly be a detriment to the building foundation. (Building Standards and Code Enforcement will probably not approve the footing once they are aware of system location to building foundation.

- There is a limited area in which to install a system; however soils investigation should be conducted.
- The Department will have to access the adjacent lot for wells and insure setback requirements can be met.
- There should be some discussion with the homeowner/property owner at 17726 Cottonpatch Lane regarding the use of the large well house building. He should be properly advised about protection of the well from storage products, etc.

saved under cottonpatch

Mecklenburg Count
Health Department

September 5, 1997

Mr. Phillip Adams
17726 Cottonpatch Lane
Cornelius, NC 28031

Re: 17726 Cottonpatch Lane

Dear Mr. Adams,

Receipt of your application to use the existing sewage disposal system for a well / pump house addition at the above referenced property is hereby acknowledged. A site visit has been conducted and it was found that the system is in violation of the following Laws and Rules for Sewage Treatment and Disposal Systems:

- .1950 (a) (10)- Every sanitary sewage treatment and disposal system shall be located at least five (5) feet from a building foundation.
- .1950 (a) (15) (A) (ii)-Every sanitary sewage treatment and disposal system shall be located at least fifteen (15) feet from a sideslope drainage system.

For these reasons your application is denied.

Please be advised that these are considered serious violations and corrections shall be required to bring your sewage system into compliance. Please respond to me by October 5, 1997 as to how you wish to correct these violations. Failure to respond may result in legal action being taken against you.

If you have any questions concerning this matter please do not hesitate to call me at (704) 336-5575.

Sincerely,

Kelly Randall, RS

cc Sylvia Daniel
Program Manager

08-26-97 12:06PM FROM MECK CO HLTH HAL MARS 702

1125A

Paid 500 Ck # 1246 8/6/97 () CBT

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

Date: August 5, 1997

PERSON FILING APPLICATION:
NAME: Adams (last) Lynn (first) M (mi)
ADDRESS: 17726 Cottonpatch Ln PHONE: (704) 892-4634
CITY: Cornelius STATE: NC ZIPCODE: 28031

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 001-312-31
STREET ADDRESS: 17726 Cottonpatch Ln
Cornelius NC 28031
ZONING: CORNELIUS

PROPERTY OWNER:
NAME: Adams (last) Phillip Lynn (first) M (mi)
ADDRESS: 17726 Cottonpatch Ln PHONE: (704) 892-4634
CITY: Cornelius STATE: NC ZIPCODE: 28031

SUBDIVISION OR MOBILE HOME PARK NAME:

Township (check one):
[] 0 Mecklenburg County [] 2 Davidson [] 4 Pineville [] 6 Huntersville
[] 1 Charlotte [X] 3 Cornelius [] 5 Matthews [] 7 Mint Hill

LOT NUMBER: LOT SIZE (in acres):

TYPE APPLICATION (check one):
[] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or N)
[] COMMERCIAL OR INDUSTRIAL (N)
[X] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
WELL PUMP HOUSE

RESIDENTIAL PROPERTY (Type Building, check one):
[] SINGLE MOBILE HOME (S) [X] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER _____ (O)

NUMBER BEDROOMS: 3 NUMBER OCCUPANTS:
SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
[] Community (C) [] Shared Well (S)
[] Municipal (M) [] Other 'spring' (O)
[X] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[] Swimming Pool [] Jacuzzi [] Stable/Barn [] Workshop [] None
[] Garage [] Storage Building [] Deck/Patio [] Bedrooms [] Other

The undersigned, owner, or legal agent for the 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: Lynn M. Adams Date: August 05, 1997

NOTICE:

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 approval is granted by this Department.

...This permit is not transferable.

[] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

WATER - 122791

COPY

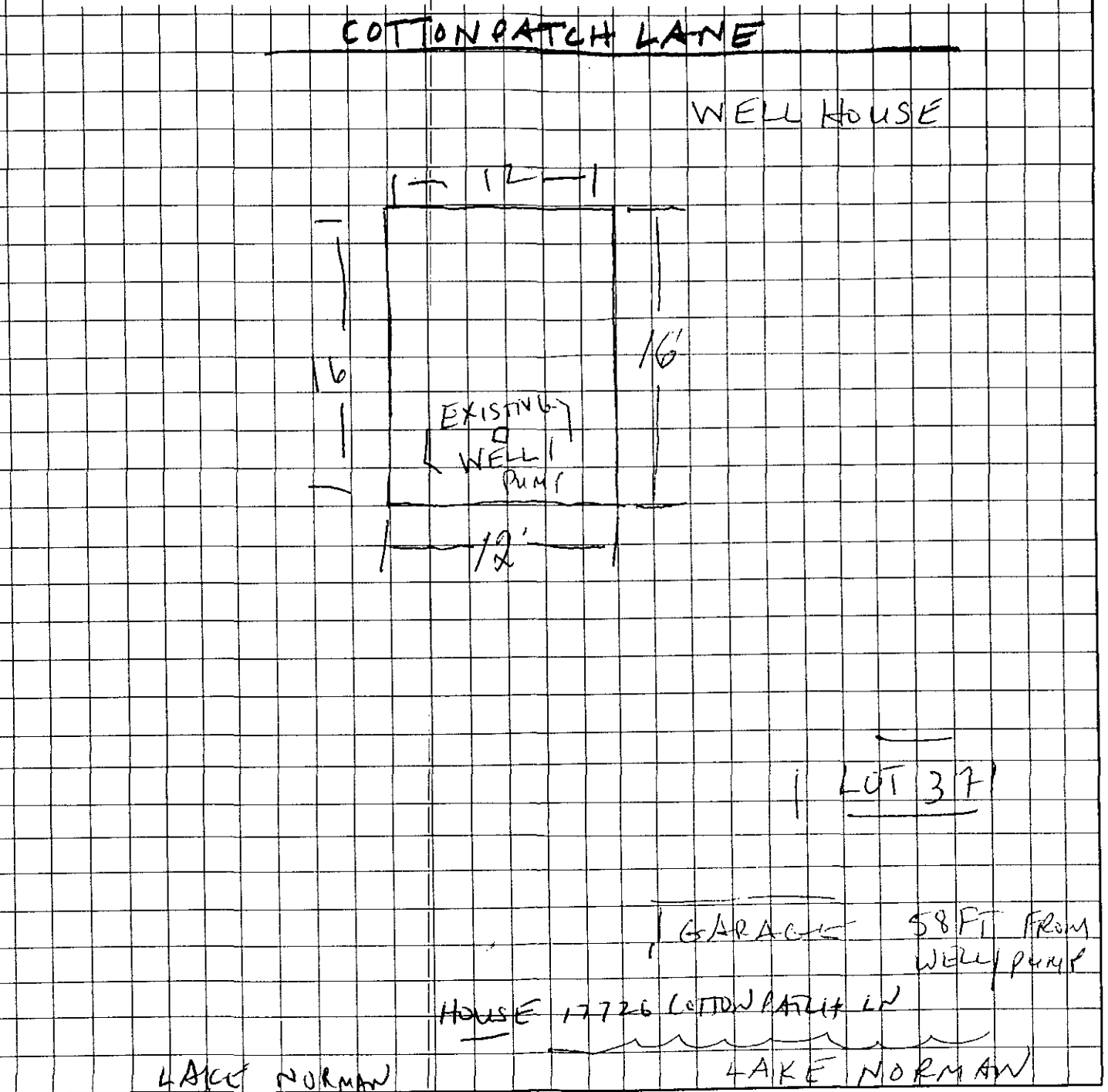
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1125A

TC: 001-312-31

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.



Lynn M Adams
OWNER/AGENT SIGNATURE

DATE August 5, 1997

APPROVAL DATE _____

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

1125A

Rec'd 50.00 Ck# 1264 8/6/97 [ ] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202
(704)336-5102

COPY

X PERSON FILING APPLICATION:
NAME: Adams (last) Lynn (first) M (mi)
ADDRESS: 17726 Cottonpatch Ln PHONE: (704) 892-4634
CITY: Cornelius STATE: NC ZIPCODE: 28031

Date: August 5, 1997

X PROPERTY OWNER:
NAME: Adams (last) Phillip Lynn (first) M (mi)
ADDRESS: 17726 Cottonpatch Ln PHONE: (704) 892-4634
CITY: Cornelius STATE: NC ZIPCODE: 28031

X PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 001-312-31
STREET ADDRESS: 17726 Cottonpatch Ln Cornelius NC 28031
ZONING: CORNelius

Township (check one):
[ ] 0 Mecklenburg County [ ] 2 Davidson [ ] 4 Pineville [ ] 6 Huntersville
[ ] 1 Charlotte [X] 3 Cornelius [ ] 5 Matthews [ ] 7 Mint Hill

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: LOT SIZE (in acres):

TYPE APPLICATION (check one):

[ ] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[ ] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[ ] COMMERCIAL OR INDUSTRIAL (N)
X ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X) Well/Pump House

X RESIDENTIAL PROPERTY (Type Building, check one):
[ ] SINGLE MOBILE HOME (S) [X] HOUSE (H) [ ] MULTIPLE FAMILY (U)
[ ] DOUBLE WIDE (D) [ ] MODULAR HOME (M) [ ] OTHER ____ (O)

X NUMBER BEDROOMS: 3 NUMBER OCCUPANTS:
SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business ____ # Employees ____ Per Shift ____
Industrial Wastes (Y/N) ____
Underground Storage Tanks On Property (Y/N) ____ Type ____

WATER SUPPLY (check one):
[ ] Community (C) [ ] Shared Well (S)
[ ] Municipal (M) [ ] Other 'spring' (O)
X [X] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
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[ ] Garage [ ] Storage Building [ ] Deck/Patio [ ] Bedrooms [ ] Other

The undersigned, owner, or legal agent for the 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: X Lynn M. Adams Date: X August 05, 1997

NOTICE:

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

...This permit is not transferable.

... S-8 Stormdrain/interceptor drain ≤ 15' from septic tank + drainfield (front yard system)

[ ] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[ ] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[ ] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

WATER - 122791

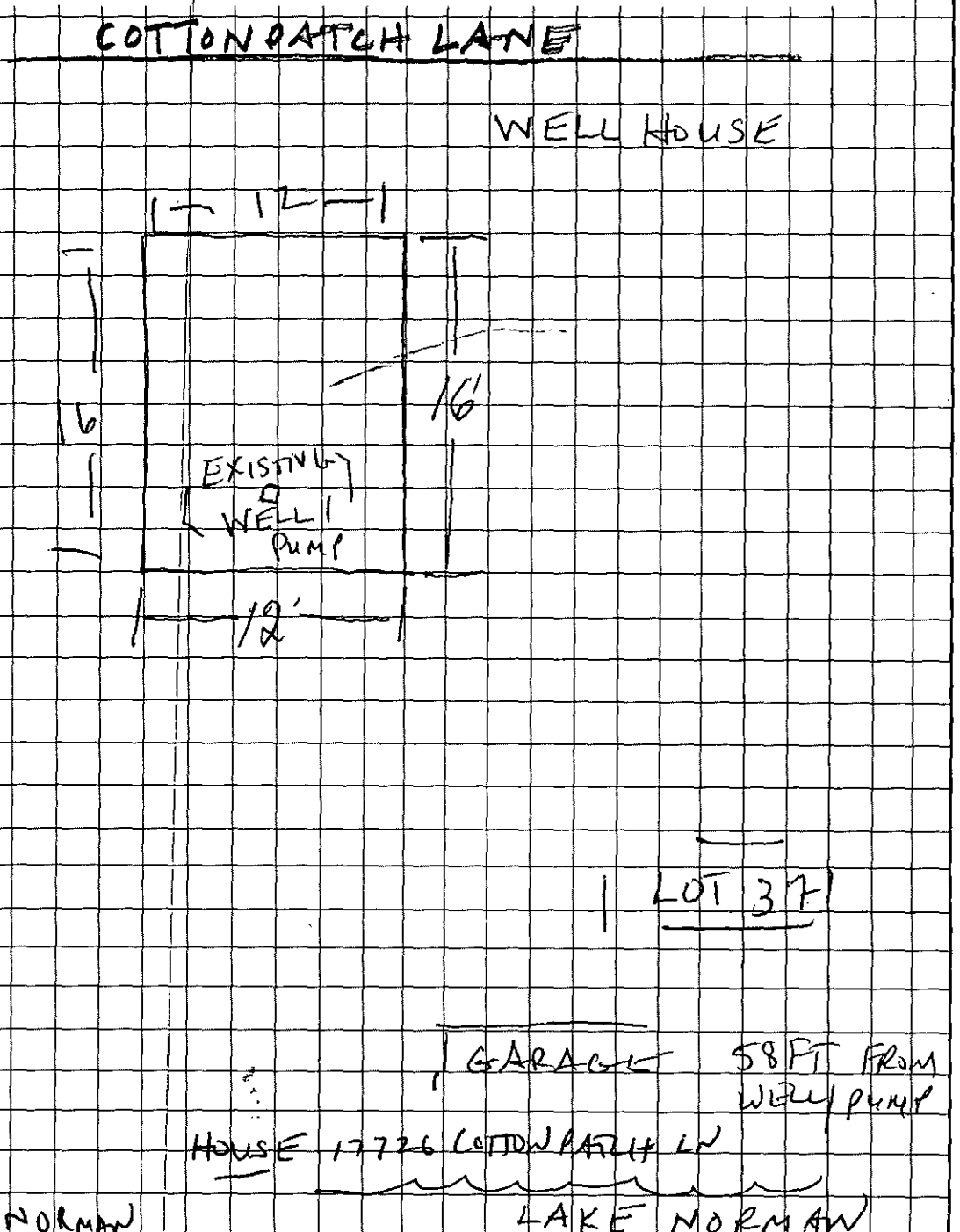
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1125A

TC: 001-312-31

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.



Lynn M Adams
OWNER/AGENT SIGNATURE

DATE August 5, 1997

APPROVAL DATE _____

White - Health Department's Copy | Canary - E.H.S. Copy | Pink - Owner's Copy

Robert Richardson 617-1076

No finals

Problem -

- Legal(?) Dept. has disapproved well house addition which exhibits permanent power to well
- Disregard for sewage rules - Blatant!
- Drainage system (storm) too close to ST
- Illegal addition → violation of rules (built over DF)
- Owner's financial deficiency
- Potential problem ↓ c lake emission (discharge + Bldg. stands)
- ~~Political problem - Documented violations c subsequent approval~~
- Question re: Interpretation of law - (Dept)
- History of owner dictates future non-compliance / violations

Solutions

Spoke by phone c Mr. Adams 11:25 am 8/28/97
Appt. set 9/5 @ 9:30 am in office to discuss problem + proposed solutions -

Impact of Solutions

Advised SH Kenoah + Kise

What Do We WANT

Problem

Conduit to Lake — storm Drain

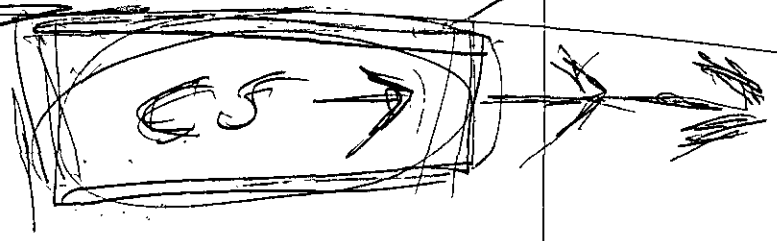
Solution

Piped system installation

Rip out storm Drains

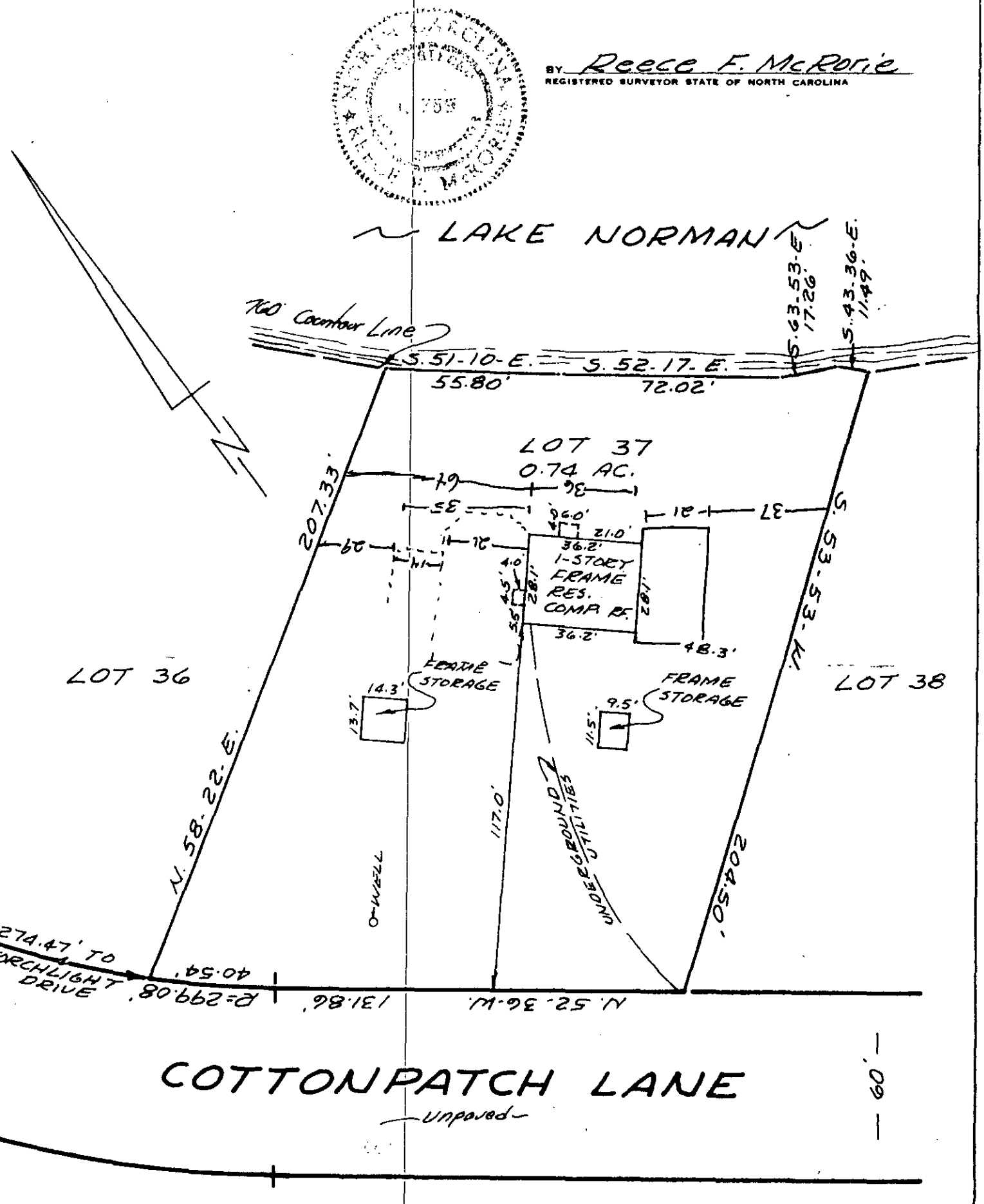
Work hours —

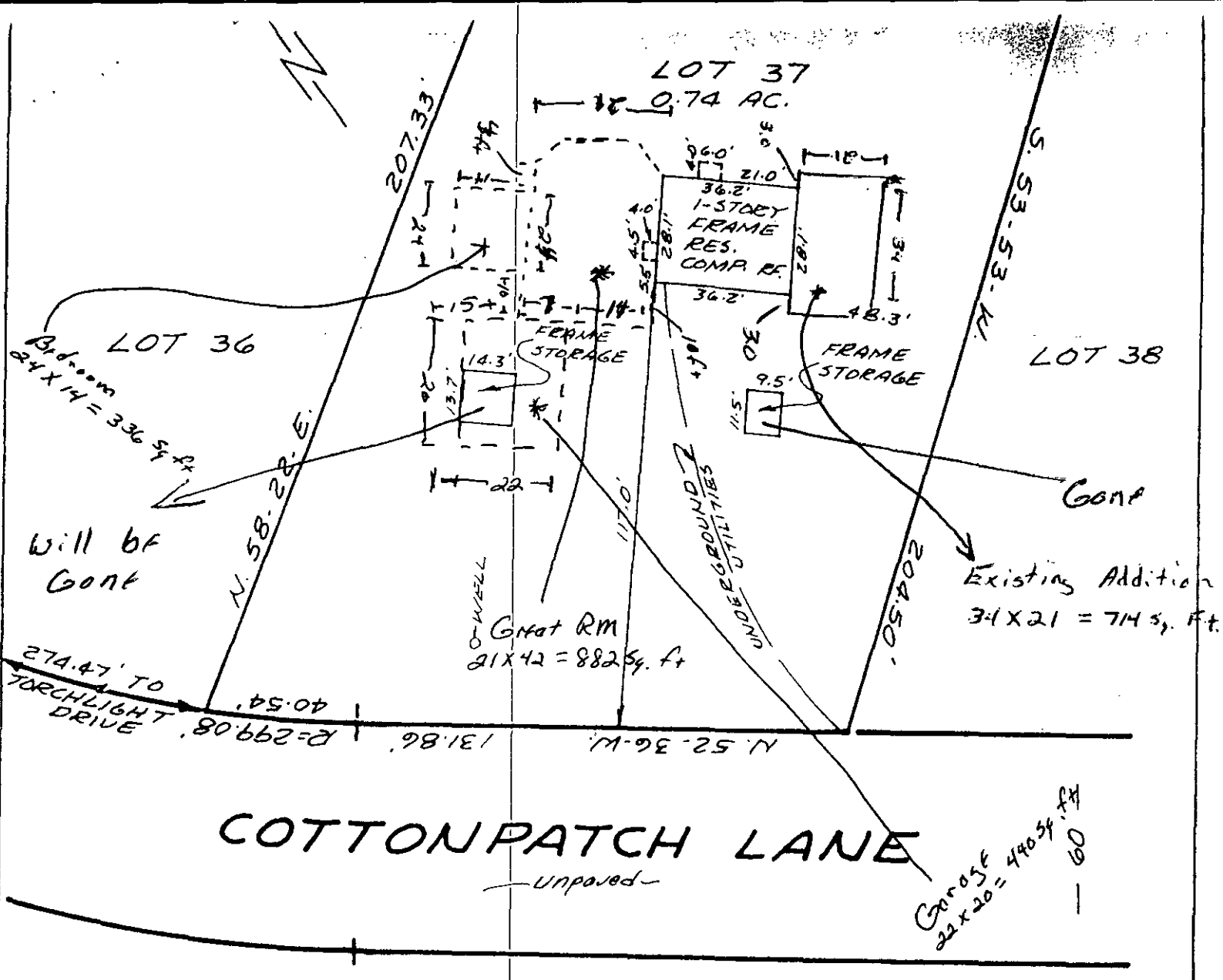
- INSTALL System — meets all requirements
- ABANDON existing — Disconnect pipe - fill tank
- Monitor



THIS IS TO CERTIFY THAT ON THE 13TH DAY OF SEPT. 19 76 I SURVEYED THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE TITLE LINES, AND THE WALLS OF THE BUILDINGS IF ANY, ARE AS SHOWN HEREON.

BY Reece F. McRorie
REGISTERED SURVEYOR STATE OF NORTH CAROLINA





PHYSICAL SURVEY OF

LOT IN LEMLEY TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA, IN THE CITY OF ON COTTONPATCH LANE HOUSE NO. SHOWN AS LOT NO. 37

IN SECT. NO. 2 ON MAP OF CRESCENT LAND & TIMBER CORP. MAP RECORDED IN BOOK 17 PAGE 552

DEED RECORDED IN BOOK PAGE OFFICE OF THE REGISTER OF DEEDS FOR MECKLENBURG COUNTY, N. C. THE PROPERTY OF

AVERY MECONNELL HOOD

SCALE - 1" = 40 FT. DATE 9-13 19 76 REECE McRORIE SURVEYOR CHARLOTTE N. C

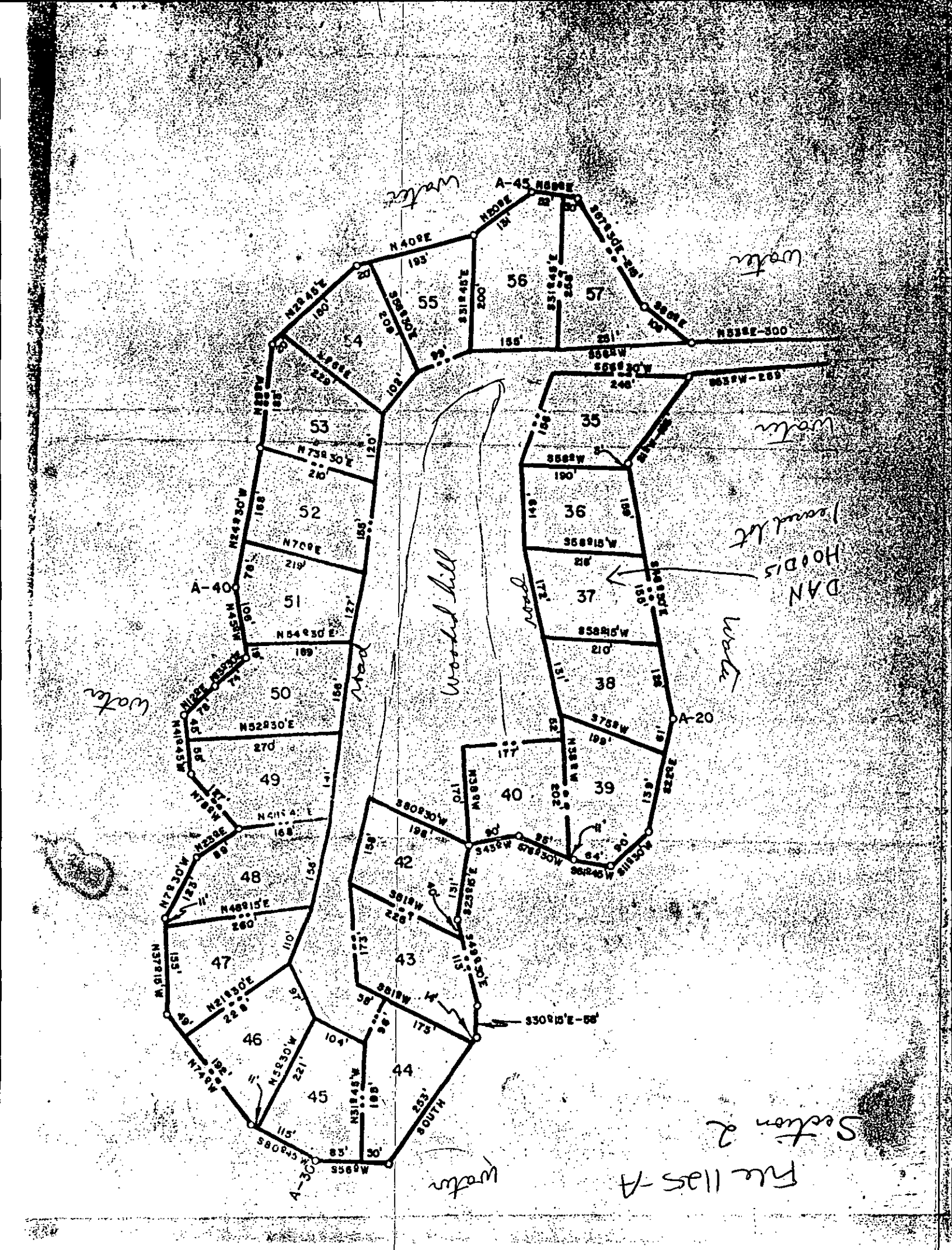
Tax Parcel Number 001 312 31

Invironmental File Number 1125A

Address 17726 Cottonpatch Lane County: (Mecklenburg)

Cornelius N.C 28031

Used to be → Huntersville NC 28078


A-45
A-40
A-30
A-20
Woodland Hill
Road
53
52
51
50
49
48
47
46
45
44
43
42
40
39
38
37
36
35
55
56
57
54
N 40°E
N 20°E
S 67°30'E
N 24°30'W
N 70°E
N 54°30'E
N 52°30'E
N 23°E
N 29°30'W
N 48°15'E
N 21°30'E
S 80°30'W
S 67°30'W
S 36°15'E
S 58°15'W
S 37°W
N 53°E-300
S 30°15'E-58'
SOUTH
Lewis Hollis Land
Water
Water
Water

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
OCT 22 1985

(OFFICE USE ONLY)

FILE: 1125A

TC: 001-312-31

JOB LOCATION

① ADDRESS: 17726 (STREET NO.) Cotton Patch Lane (STREET) ② FILE:

③ CITY: Huntersville NC 28078 ④ TAX PARCEL NO.: 001-312-31

⑤ SUBDIVISION: ⑥ LOT: ⑦ BLOCK:

OWNER

⑧ NAME: Phillip (FIRST) Mercer (MIDDLE) Adams (LAST)

⑨ MAILING ADDRESS: Rt 2 Box 17726

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

⑬ PHONE: (WORK) 527-6555 ⑭ (HOME) 892-4634

REQUEST

This request is for a(n):

⑮ ☑ New installation 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? 2

㉖ Maximum number of employees?

㉔ Basement? ☐ yes ☑ no

㉗ Maximum number of seats?

WATER SUPPLY

㉙ Water supply from (present or proposed):

A ☑ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

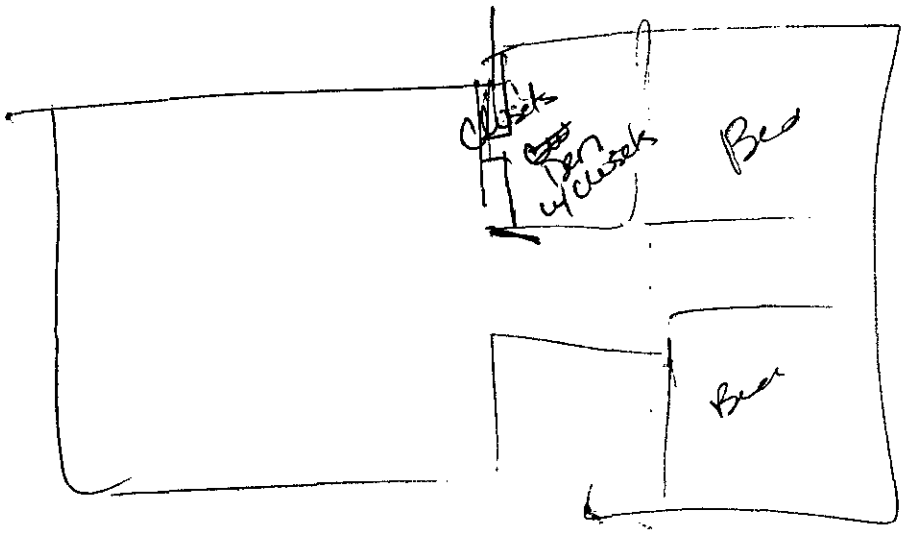
㉚ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

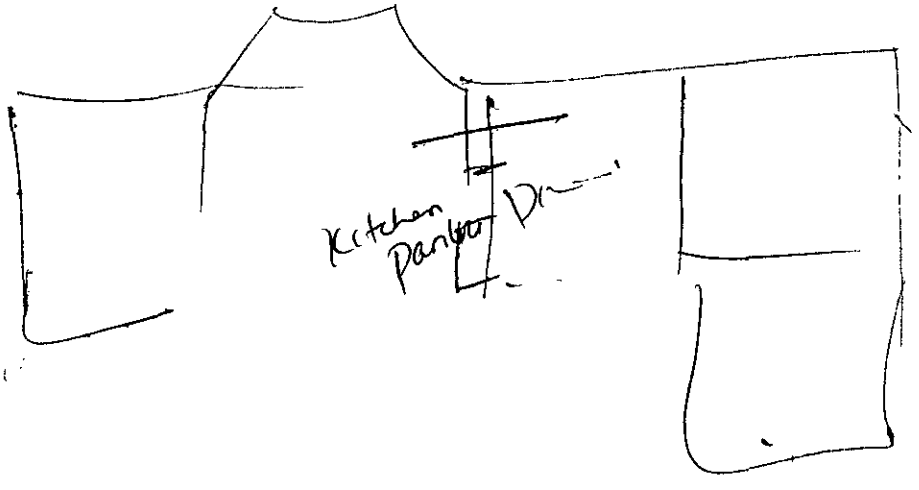
Signed: Phillip Mercer Adams

Date: 10/21/85

㉘ Accurately dimensioned plot

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


Closets
Bed
Bed


Kitchen
Pantry

C of A (s) No. 1125-A

Date Issued 5-2-86 Serial 8553 T. C. No. 001-312-31

CRT

COPY

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner ADAMS (LAST) PHILLIP (FIRST) M. (MIDDLE)

Location of Property 17726 COTTON PATCH LN

Application Number 1125-A Permit Number 1125-A

Inspection Data:

Liquid Capacity of Tank ALTER Tank Material —

Total Length of Drain Tile 130'* Number of Lines 1

Depth of Filter Material 12" Cover Depth 2'

Water Supply Source well Distance from Water Source 50'+

Excavation Inspected 4-30-86 (DATE) Tank Inspected 4-30-86 (DATE)

Nitrification Field Inspected 4-30-86 (DATE)

Washing Machine Line Inspected, If Applicable N.A. (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ____ installed or constructed, ✓ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval 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 Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval 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: * ADDITIONAL 130' LINE WILL SERVE NEW BEDROOM. OLD BED REDUCE BY APPROXIMATELY 50' LINEAR FEET TO ALLOW INSTALLATION OF FOOTINGS. NET SYSTEM GAINS 50' LINEAR FEET

Kelly Farrell
Environmentalist

EHD-5-76

Environmental Health Department's Copy

Date Issued 3-20-86 Serial No. 09082 ICAR (S) Permit No. 1125-A

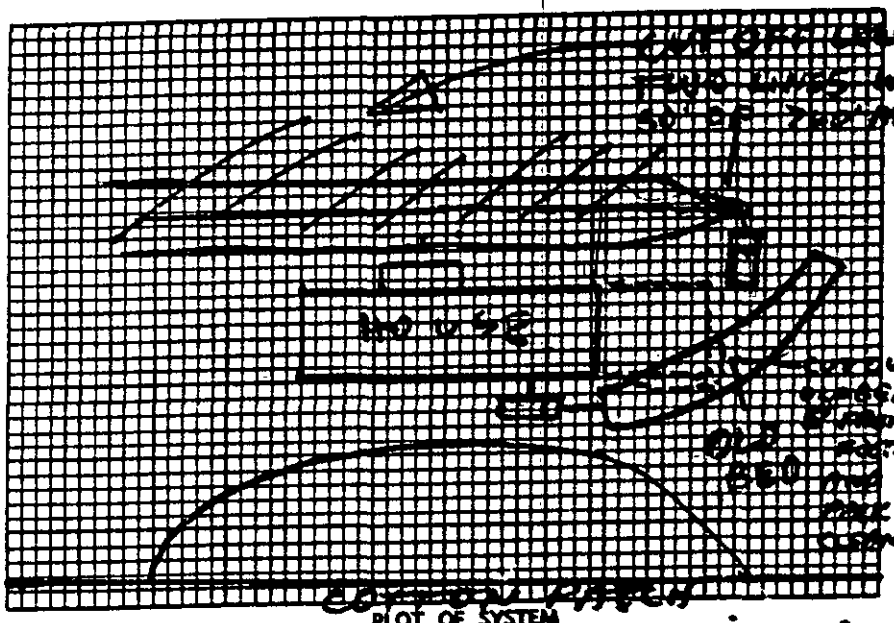
T. C. No. 061-342-31

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

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 application 1125-A dated 10-21-85 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before _____, after which date this permit shall be null and void.

REPAIR



Permeability Rate _____

Liquid Capacity of Tank —

Tank Construction —

Absorption and/or Nitrification Lines:

Total Line Length _____

Number of Lines _____

Distance from House 5'+

Distance from Property Line _____

Distance from Well 50'+

NAME OF OWNER ADAMS PHILLIP M.

LOCATION OF PROPERTY 17726 COTTON PATCH LN.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. 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.

Comments: NEW TANK WILL SERVE NEW BATHROOM W/ 130' OF DRAIN LINE
OLD TANK WILL SERVE EXISTING BATHROOM W/ 160' OF DRAIN LINE

Division or Section Head

Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or o 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.

EHD-5-76

Environmental Health Department's Copy

C of A (s) No. 1125-A

Date Issued 5-2-86 Serial 8553 T. C. No. 001-312-3 CT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner ADAMS (LAST) PHILLIP (FIRST) M. (MIDDLE)

Location of Property 11726 COTTON PATCH LN

Application Number 1125-A Permit Number 1125-A

Inspection Data:

Liquid Capacity of Tank ALTER Tank Material —

Total Length of Drain Tile 130'* Number of Lines 1

Depth of Filter Material 12" Cover Depth 2'+

Water Supply Source Well Distance from Water Source 50'+

Excavation Inspected 4-30-86 (DATE) Tank Inspected 4-30-86 (DATE)

Nitrification Field Inspected 4-30-86 (DATE)

Washing Machine Line Inspected, If Applicable N.A. (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption effluent discharge as described above and it has been ____ installed or constructed, ✓ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval 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 Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval 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: * ADDITIONAL 130' LINE WILL SERVE NEW BEDROOM. OLD BED REDUCE BY APPROXIMATELY 50' LINEAR FEET TO ALLOW INSTALLATION OF FOOTINGS. NET SYSTEM GAINS 50' LINEAR FEET

Kelly Ladd
Environmentalist

EHD-5-76

Environmental Health Department's Copy

Date Issued 3-20-86 Serial No. 09082 ICAR (S) Permit No. 1125-A

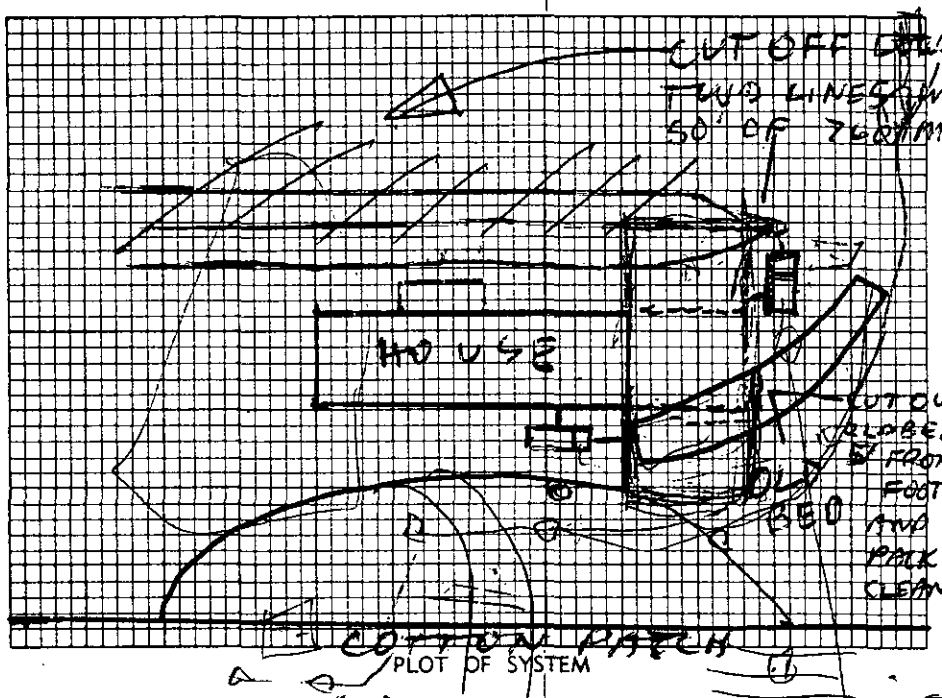
T. C. No. 091-312-31

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

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 application 1125-A dated 10-21-85 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before _____, after which date this permit shall be null and void.

REPAIR



PLOT OF SYSTEM

Permeability Rate _____

Liquid Capacity of Tank —

Tank Construction —

Absorption and/or Nitrification Lines:

Total Line Length _____

Number of Lines _____

Distance from House 5'+

Distance from Property Line _____

Distance from Well 50'+

NAME OF OWNER ADAMS PHILLIP M.

LOCATION OF PROPERTY 17726 COTTON PATCH LN.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. 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.

NEW TANK WILL SERVE NEW BATHROOM W/ 130' OF DRAIN LINE

Comments: OLD TANK WILL SERVE EXISTING BATHROOM W/ 160' OF DRAIN LINE

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.

EHD-5-76

Environmental Health Department's Copy