990A 1109 Manchester Lane

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 990-A DATE: 12-14-87
TC: 109-381-18 ☐ L ☑ CRT
SERIAL № 10808

Name of Owner Gerald Godwin Juris.:
Address of Property 1109 Manchester In.

Inspection Data:

Tank Material PCC
Total Length of Drainfield 600'
Number of Lines 10 @ 60
Cover Depth 18"
Water Supply Source City
Distance to Water Source —
Excavation Inspected 12-14-87
Tank(s) Inspected 12-14-87
Wash Line Inspected —
High Water Alarm Inspected 12-14-87

PLOT

Design: 1997, 1500ST, 1000DT, PI, Con, 1800SF, 12", in. CTR# 70

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:

Jim Ericson
Environmentalist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

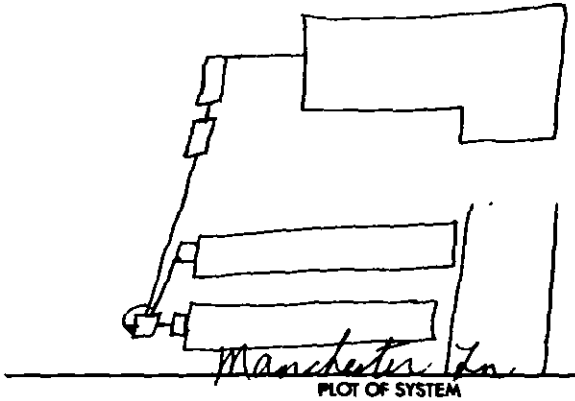
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 990-A DATE: 10-20-87

TC: 109-381-18 ☐ L

SERIAL № 11318

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 10-5-87. All work shall be completed on or before 11-20-87, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 15 feet

Total Line Length 600 feet

Number of Lines 5 + 5

Depth of Stone 12 inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well [redacted] City feet

NAME OF OWNER Gerald Godwin

LOCATION OF PROPERTY 1109 Manchester Ln.

Comments: 2 beds 15'X60'X12" stone

Bed system installed due to limited space. Garage was added to front of house after plot plan was submitted to E.H.D.

S. E. Lewis
Division or Section Head

B. R. Ferguson
Environmentalist

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

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

Date Issued 10/31/86 **Serial No. 9616**

SIR No. 990A

T. C. No. 109-381-18

Map Date L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Godwin, Gerald Thomas
(LAST) (FIRST) (MIDDLE)

ADDRESS OF OWNER 6743 Linda Lake Drive ZIP 28215

LOCATION OF LOT 1109 Manchester Lane
(STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO _____ BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number _____. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altered, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

Jim Ericson
Environmentalist

Environmental Health Director, or Authorized Section Head

EHD-S-76

Environmental Health Department's Copy

PROPOSED PLOT PLAN

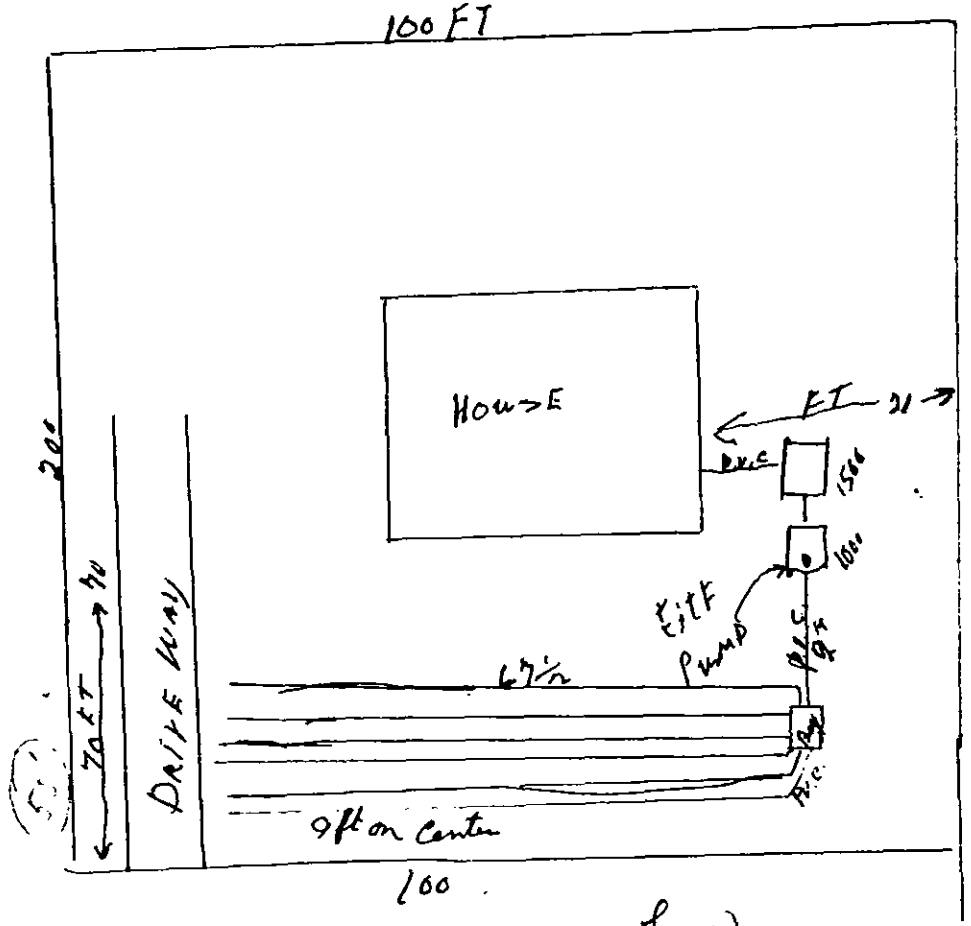
MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

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

FILE: 990-A

TC: 109-381-18

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.



1109 Manchester Lane

Signed: H. T. Goldwire

Date: Oct-30-1986

PROPOSED PLOT PLAN

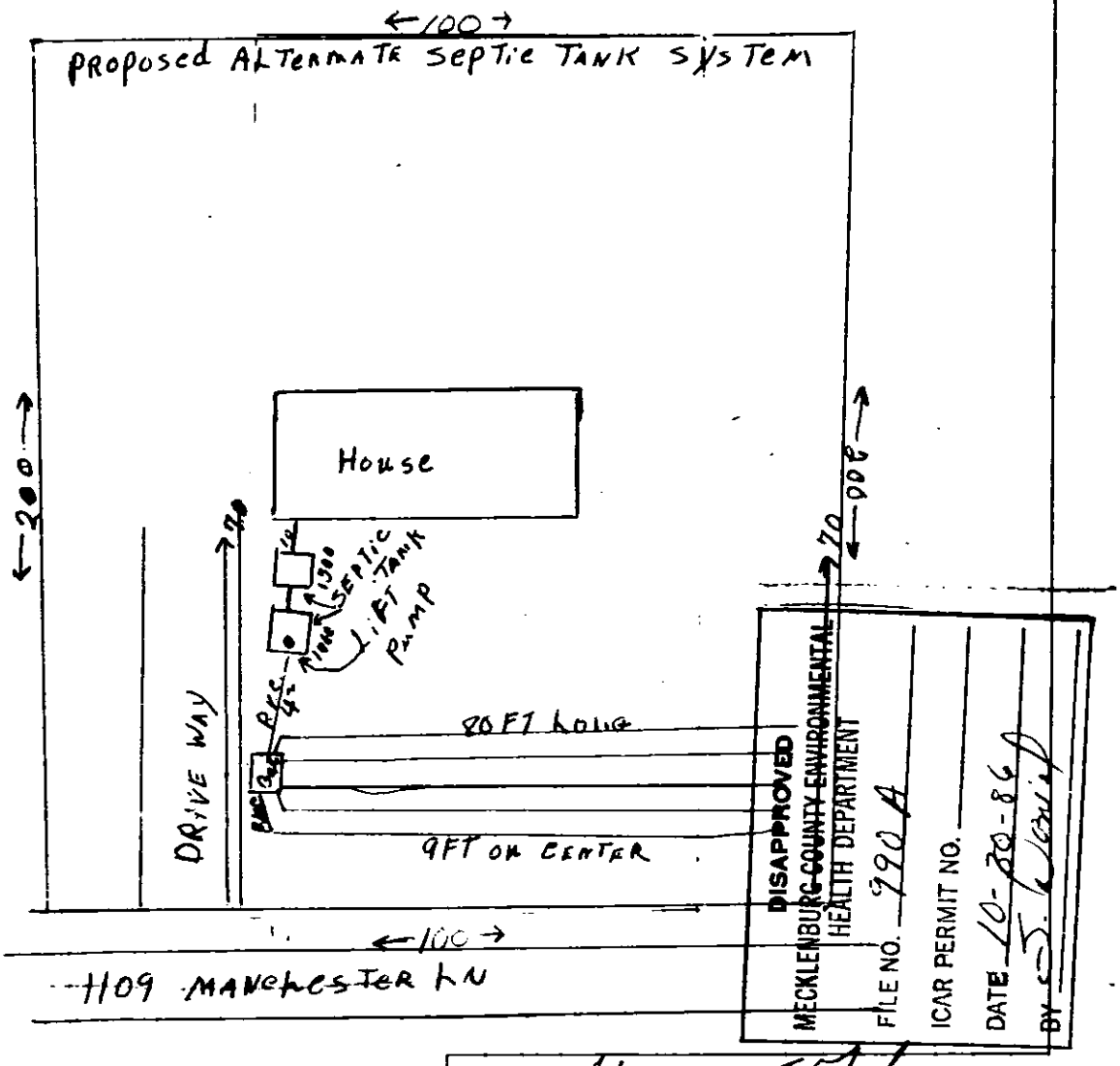
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

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

FILE: 990A

TC: 109-381-K

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: [signature]

Date: 10-29-86

1907

MECKLENBURG COUNTY
Department of Environmental Health

October 24th, 1985

Gerald T. Goodwin
6743 LInda Lake Drive
Charlotte, NC 28215

RE: Property located at 1109 Manchester Lane
FILE: 990A
PARCEL: 10938118

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 is enclosed for your information.

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 your proposal in the form of accurately dimensioned plans and specifications to this Department. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

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

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

Enclosure(2)

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 990-A

T.C. NO. 109-381-18 L

(Ground Absorption Sewage Disposal)

OWNER: Gerald T. Godwin
ADDRESS: 6743 Linda Lake Charlotte N.C. 28215
PLAT NO: Lot 36
LOT SIZE: .76
LOCATION OF SITE: 1109 Manchester Lane

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-12%	(S) PS U 2-8%	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Clay	S PS (U) 2-1 Clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) U 36"+	S (PS) U 36"+	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) U >36"	S (PS) U >36"	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S >36" to (PS) U ground water	S PS (U) Some perched water 30-36"	S PS U	S PS U
7. OTHER (Specify)	S PS (U) Restricted Area	S PS U	S PS U	S PS U
8. SOIL GROUP	1UA	1UB		
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Cecil-Like	Mecklenburg-Iredell		

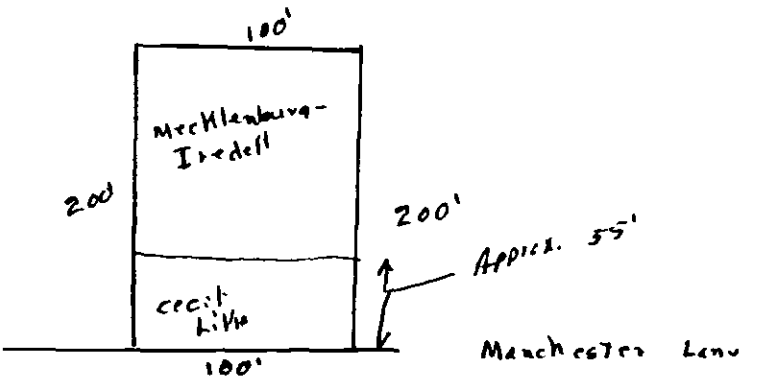
S - Suitable PS - Provisionally Suitable U - Unsuitable

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

Recommendations/Comments:

Described by: William B. Martin
Title: Soil Scientist

Date: 10-21-85


100'
Mecklenburg-
Iredell
200'
200'
Appx. 55'
cecil
Little
Manchester Lane
100'

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

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

(OFFICE USE ONLY)
FILE: 990 A
TC: 109-381-

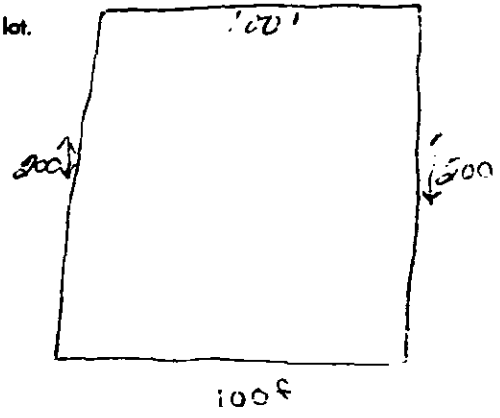
MECK COUNTY DEPARTMENT OF
RECEIVED
ENVIRONMENTAL HEALTH

JOB LOCATION

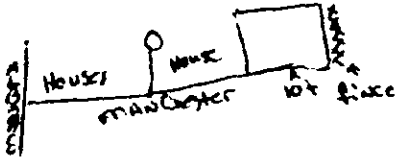
① ADDRESS: 1109 Manchester Ln
② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____
⑤ PARCEL REFERENCE: BOOK NO.: _____ PAGE NO.: _____ PARCEL NO.: _____
⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

⑦ NAME: Gerald (FIRST) Thomas (MIDDLE) Cradwick (LAST)
⑧ MAILING ADDRESS: 6743 Linda Lake
⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28215
⑫ PHONE: (WORK) 537-7711 (HOME) 537-8937

⑬ Accurately diagram and dimension lot.



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



Signed: G. T. Cradwick Jr
Date: 10/3/85

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

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH

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

(OFFICE USE ONLY)
FILE: 990A
TC: 109-381-18 L

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
[illegible] - 1985

JOB LOCATION

① ADDRESS: 1109 (STREET NO) Manchester (STREET) Ln ② FILE: _____
③ CITY: Charlotte ④ TAX PARCEL NO.: _____
⑤ SUBDIVISION: _____ ⑥ LOT: _____ ⑦ BLOCK: _____

OWNER

⑧ NAME: Gerald (FIRST) Thomas (MIDDLE) Cecil'N (LAST)
⑨ MAILING ADDRESS: 6743 Linda Lake Dr
⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28215
⑬ PHONE: (WORK) 537-7711 ⑭ (HOME) 537-8437

REQUEST

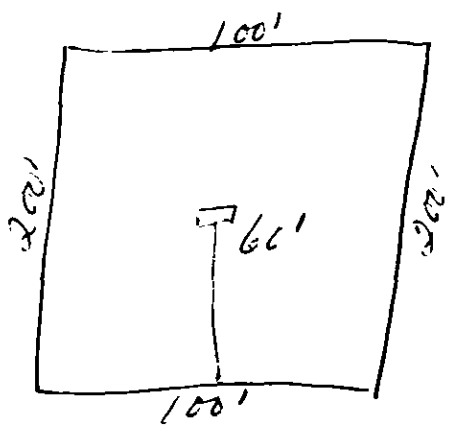
This request is for a(n):

⑮ [X] New installation permit
⑯ [ ] Repair or alteration permit
⑰ [ ] Authorization for mobile home exchange
⑱ [ ] Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ [X] 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? _____



㉘ Accurately dimensioned plot

WATER SUPPLY

㉙ Water supply from (present or proposed):

A [X] Individual well
B [X] 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: D T Cecil Jr
Date: 10/3/85

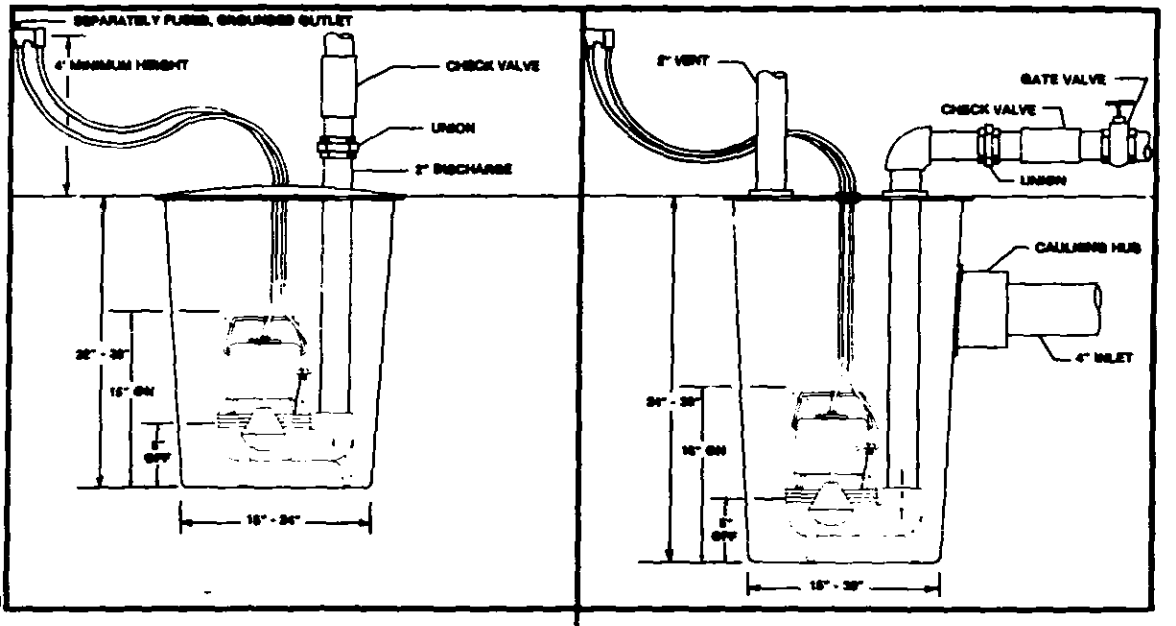
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INSTALLATION INSTRUCTIONS

LE-50 Series Submersible Sump/Sewage Pumps

WARRANTY REGISTRATION

Prior to proceeding with installation, record the model and serial numbers on the warranty registration card and, for your records, on your sales receipt.



THE SUMP
(Ground water installations)

A sump pit 15" to 24" in diameter and 22" to 30" deep is recommended. Install at the lowest point of the basement or other area to be drained with the top flush with the floor. If sub-floor drainage is desired, make suitable connections or drill holes around the side as required. If the pit being used does not have an enclosed bottom, provide a hard surface on which to place the pump, such as concrete, blocks or bricks. Do not place the pump on sand, earth or gravel since the pump legs may penetrate these surfaces and the abrasive materials may cause premature wear within the pump. A sump pit cover is suggested for safety and to prevent foreign objects from entering the sump.

THE SUMP
(Sewage or effluent installations)

The sump required for sewage or effluent applications must be sealed and vented to meet health and code requirements. The diameter should be 15" to 30" and depth 24" to 30". The 4" inlet line from the fixtures being serviced is connected to a hub provided on the side of the sump. Outdoor installations should be at sufficient depth to ensure that all plumbing is below the frost line. The cover plate should be readily accessible for any required service or cleaning.

INSTALLATION

Set the pump in place and connect the 2" piping to the discharge. Make certain that the float has adequate clearance to the side of the sump. Install the sump or tank cover. A union should be installed just above the cover to facilitate pump removal if necessary. A check valve is recommended next to the union to prevent the backflow of liquid or gas when the pump turns off. A gate valve should follow the check valve to allow periodic cleaning of the check valve or removal of the pump. The remainder of the discharge line should be as short as possible with a minimum of turns to minimize friction head loss. Do not restrict the discharge to sizes below 2". Sewage and effluent applications will require a separate sump vent. A connection is provided on top of the sump or cover which must be piped to the existing building vent or extended outside with its own standpipe.

OPERATION

The LE51A and LE52A automatic pumps are equipped with two cords; one to the float control and the other to the pump motor. The switch cord has an in-line series (piggyback) plug enabling the pump cord to be plugged into the back of it. The purpose of this design is that, in the event of a switch malfunction, the pump may still be operated manually with its own cord. The cords should be interconnected and plugged into a separately fused grounded outlet of 20 amp capacity (10 amp for 230V). Both cords are equipped with 3-prong plugs and must be plugged into a grounded 3-wire receptacle. Locate the receptacle at least 4' above the basement floor. DO NOT REMOVE THE PLUGS OR THE GROUND PRONGS. Removal of any of these will void the warranty.

The turn-on level of the LE51A and LE52A is 13" to 15" above the bottom of the sump or up to 4" above the top of the pump. Turn-off level is 5" to 6" above the bottom of the sump.

The LE51M and LE52M manual pumps are the same as the LE51A and LE52A except without the switch. These are operated manually by either plugging into an outlet, wiring into a separate wall switch or wiring into an alternate control device.

MAINTENANCE AND TROUBLE-SHOOTING

Always Disconnect the Pump from the Power Source Before Handling

Each unit is individually factory tested to ensure proper adjustment, operation and output. If the unit fails to operate properly, carefully re-read the instructions to see that they have been correctly followed. If operating problems persist, the following chart may be of assistance in identifying and correcting them:

PROBLEM	CAUSE	CORRECTION
Pump will not run	1. Blown fuse or other interruption of power; improper voltage 2. Switch is unable to move to the turn-on position due to interference with the side of the sump or other obstacle 3. Insufficient liquid level 4. Defective switch	1. Check that the unit is securely plugged in. Have an electrician check all wiring for proper connections and adequate voltage and capacity. 2. Remove the sump cover and position the pump so that the float has adequate clearance for operation. 3. Make sure that the level is allowed to rise at least 4" over the top of the pump. 4. Remove and replace the switch. 5. Check the discharge line for foreign material, including ice if the line passes through or into cold areas. 6. Remove and examine for freedom of operation and proper installation. 7. Open valve. 8. Try to route piping to a lower level. If not possible, a larger pump will be required. Consult the factory or your plumber. *9. READ NOTE. Remove the pump from the sump. Detach the pump volute case by removing the three hex head bolts around the motor cap. Clean the volute and free the impeller. Reassemble and reinstall. 10. Repair fixtures as required to eliminate leakage. *11. READ NOTE. Remove the pump from the sump. Detach the pump volute case by removing the three hex head bolts around the motor cap. Remove the impeller by inserting a screwdriver in the end of the threaded shaft and turning the impeller counter-clockwise. Install new impeller, reassemble and reinstall. 12. Return the pump to the factory for repair. 13. Replace a portion of the discharge with rubber hose.
Pump will not turn off	2. Switch is unable to move to the turn-off position due to interference with the side of the sump or other obstacle 4. Defective Switch	
Pump runs or hums but does not pump	5. Discharge is restricted 6. Check valve is stuck closed or installed backwards 7. Gate valve is closed 8. Total lift is over 17' 9. Pump impeller is jammed or volute casing is plugged	
Pump runs periodically when fixtures are not in use (sewage and effluent applications)	6. Check valve was not installed, is stuck open or is leaking 10. Fixtures are leaking	
Pump operates noisily or vibrates excessively	9. Foreign objects in the impeller cavity 11. Broken impeller 12. Worn bearings 13. Piping attachments to house structure are too rigid	

*NOTE: Liberty Pumps, Inc. assumes no responsibility for damage or injury due to disassembly in the field. Disassembly, other than at Liberty Pumps, Inc. or its authorized service centers, automatically voids the warranty.

LIMITED WARRANTY

Liberty Pumps, Inc. warrants that pumps of its manufacture are free from all factory defects in material and workmanship for a period of 12 months from the date of installation or 18 months from the date of manufacture, whichever occurs first. Date of installation shall be determined by a dated sales receipt noting the serial number of the pump. Date of manufacture is the "code" number noted on the pump nameplate.

The manufacturer's obligation under this Warranty shall be limited to the repair or replacement of any parts found by the manufacturer to be defective, provided the part or assembly is returned freight prepaid to the manufacturer or its authorized service center, and provided that none of the following warranty-voiding characteristics are evident:

The manufacturer shall not be liable under this Warranty if the product has not been properly installed; if it has been disassembled, modified, abused or tampered with; if the electrical cord has been cut or spliced; if the outlet has been reduced in size; if the pump has been used in water containing sand, lime, cement, gravel or other abrasives; if the product has been used to pump chemicals or hydrocarbons; if the non-submersible motor has been subjected to excessive moisture; or if the label bearing the serial and code number has been removed.

Liberty Pumps, Inc. shall not be liable for any loss, damage or expenses resulting from installation or use of its products, or for consequential damages, including costs of removal, reinstallation or transportation.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR FROM THE DATE OF PURCHASE. THIS WARRANTY CONTAINS THE EXCLUSIVE REMEDY OF THE PURCHASER, AND LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES UNDER ANY AND ALL WARRANTIES ARE EXCLUDED.

Liberty Pumps
7307 LAKE ROAD,
BERGEN, NY 14416
(716) 494-1817