Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION
3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit

SEWAGE SYSTEM REPAIR
SEWAGE REPAIR

Establishment

SHIRLEY HALL
T11N R5E SEC 4 QTR SW
LOT 8
10600 W MILL RD--MALCOLM

Permitee

SHIRLEY HALL
10600 W MILL RD
MALCOLM NE 68402-9690

Permit # 99390065001

Issued 12/08/99
Expires 06/08/00
Revenue Code 3157

FEES: $50.00

TOTAL: $50.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

011337

Individual Sewage Disposal System
Application to Alter, Extend or Repair

☐ Municipal Code 24.38 ☒ County Resolution Number 2832

Date: 12-8-99	File No.: 993900650

The undersigned hereby applies for a permit to: ☐ **ALTER** ☒ **EXTEND** ☐ **REPAIR** an existing Individual Sewage Disposal System, in conformance with appropriate Ordinance or Resolution, as described in this application and drawings attached hereto.

1. **Legal description of property:**
   Township 11 Range 5 Section 4 1/4 Section SW
   Block _____ Lot 8 Addition _____
   Street Address 10600 W. M:11 Rd, Malcolm, NE

2. **Property use:** ☒ residential ☐ commercial ☐ other use
   Number of bedrooms 3 Describe _____

3. **Type of Present Individual Disposal System:** ☐ septic tank ☐ lagoon ☐ other

4. **Description of proposed alteration, extension or repair:** Add 100' of lateral to existing system Trench 4' wide

5. **Work to be done by:** ☐ owner ☒ contractor's name _____

6. **Estimated project:** a. Repair, replace or minor extension with a cost of less than $400.00 (no fee required).
   b. Total cost is greater than $400.00 (Return fee with this application).
   c. A "construction permit" is required if the use, operation, location, or type of the system is being changed.

Print Name Shirley Hall Address 10600 W. M:11 Rd Phone _____
Applicant Signature (owner or lessee) [signature] Friesen Ex. Inc. Geo. Grove

Please include the permit fee ($50.00) with this application

(Please do not write below this line)

Date rec'd 12-8-99 REVIEW: ☒ approved ☐ disapproved By: Paul Dratzmann

Site visits:
Date 12-8-99 By PD + JB
Date _____ By _____
Date _____ By _____

Installation final written approval
Date 12-8-99 By [signature]

Return to: Lincoln-Lancaster County Health Department - Environmental Health Division
3140 "N" Street, Lincoln, NE. 68510
441-8022

Rec'd 12/08/99 ck # 17407 $50 cc

White - EH Pink - Business Office Revised 1/98

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

D

Permit Number: 993900650

Sewage Disposal System

As Built Plans & Specifications

Date 12-8-99

System Location (Indicate correct number and street)

Address 10600 W Mill Rd. (no rural route) City Malcom NE, Zip 68402

A. Building Sewer

1. Material: _____
   Diameter: _____ in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: _____ ft.
4. Number of clean-outs: _____
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: _____
   Number of compartments: _____
2. Capacity: _____ gal.
3. Factory built: ☐ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: _____ in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: plastic
   Number available outlets: _____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: #1 10 #2 43 ft.

D. Absorption Field

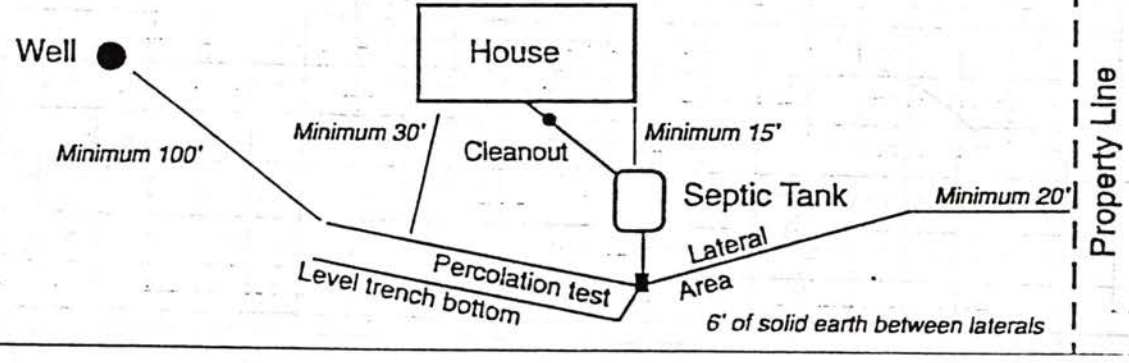
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☑ other Infiltrator 16"
2. Lateral lines: Number 3
   Length of each line: 24 ft. ~~24~~ ft.
   43 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 5': 46" - 3' in
4. Filter material: Gravel
   Depth of material 18" in.
5. Distances to: Well or suction line 100+ ft.
   Stream NA ft.
   Pressure line 100+ ft.
   Property line 60+ ft.

Indicate North with Arrow

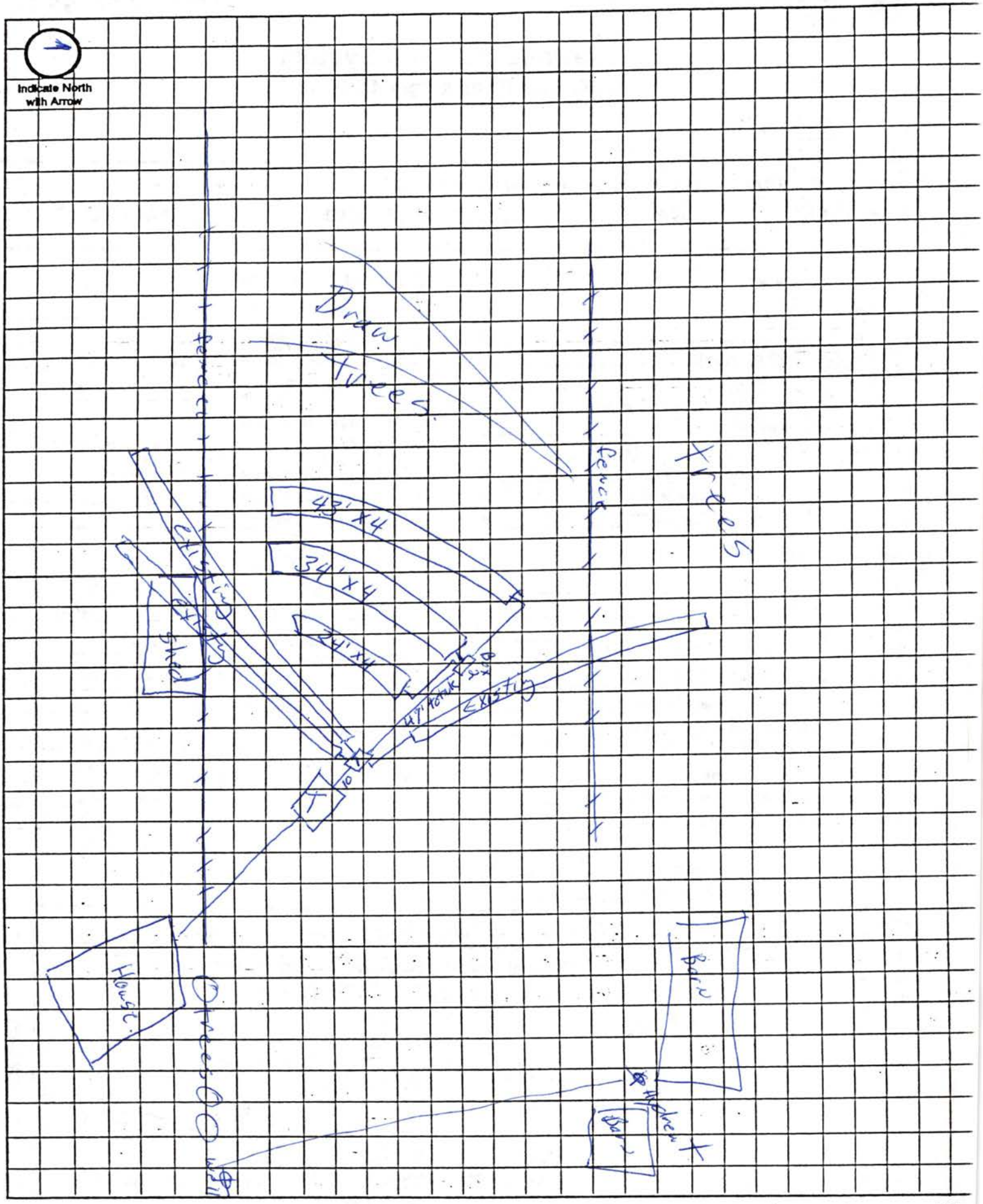
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

FILE NO. 1054-C

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF PERMIT

May 16, 1977 — THIS PERMIT EXPIRES

Edward E. Hall — ISSUED TO

5115 Walker, Lincoln, NE 68504 — ADDRESS

T11N, R5E, Section SE¼ SW¼ of 4-11-5

LEGAL DESCRIPTION

REMARKS: NON-TRANSFERABLE

PERMIT	INSPECTION FEE	OCCUPATION TAX	TOTAL
$ 30.00	$	$	$ 30.00
ACCOUNTING NO.	ACCOUNTING NO.	ACCOUNTING NO.	CODE
	110.16	148.14	6-2

RECEIPTED BY — DATE — AMOUNT

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

HEALTH

ISSUING OFFICER

0832

THIS PERMIT IS ISSUED AS PROVIDED BY COUNTY RESOLUTION NO. _____

FORM HD-40(73) REQUEST FOR SITE CLEARANCE FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 ☐

County Resolution No. 2832 ☒

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO. 1054-C

TO: Division of Environmental Health
Lincoln-Lancaster County Health Dept.

DATE: 5/15/77

The undersigned hereby requests SITE CLEARANCE to construct an Individual Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

1. Legal description of property: SE¼ SW¼ of 4-11-5
   Twp. 11N ; Range 5E ; Section 4
   Block ____; Lot 8 I.T. ; Addition ____
   Street Address ____

2. Property Use: Residential ____ ☒ ; Commercial ____ ☐
   No. of Bedrooms 3 . Describe: ____
   Other Use ____ ☐
   Describe: ____

3. Type of Individual Sewage Disposal System: Septic Tank ☒ ; Other ☐

4. Distance to public sewer: 2 miles ~~ft~~.

Edward E Hall
Signature of Applicant (Owner or Lessee)

5115 Walker Lincoln Ne 68504
Address

AP 703 17' easement of

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 5/16/77 . ACTION: Approved ☒ Disapproved ☐
   Date Frwd. 5/16/77 . Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: Date Rec'd. ____ . ACTION: Approved ☒ Disapproved ☐
   Date Frwd. 5/16/77 . Signature: [signature]

3. City or County Engineer: Date Rec'd. 5/16/77 . ACTION: Approved ☒ Disapproved ☐
   Date Frwd. 5/16/77 . Signature: Henry Graff

REMARKS OR REASONS FOR DISAPPROVAL ____

White: Health Dept. Copy
Yellow: Engineers Copy
Pink: Bldg. Inspector's Copy

FORM HD-42(73) APPLICATION FOR PERMIT TO CONSTRUCT INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 ☐

County Resolution No. 2832 ☒

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO. 1054-C

DATE: 5/15/77

TO: Director of Health
Lincoln-Lancaster County Health Dept.

The undersigned hereby applies for a permit to construct an Individual Sewage Disposal System in conformance with appropriate Ordinance or Resolution, as described in this application and the annexed forms attached hereto.

1. Legal description of property: SE¼ SW¼ 4-11-5 Twp. 11N ; Range 5E ; Section 4 ; Block ; Lot 8 I.T. ; Addition .
Street Address .

2. Property Use: Residential ☒ Commercial ☐
No. of Bedrooms 3 Describe:
Other Use
Describe:

3. Type of Individual Sewage Disposal System: Septic Tank ☒ ; Other ☐

4. Plans and Specifications of Proposed System. (See FORM HD-45(73) PLANS & SPECIFICATIONS, SEWAGE DISPOSAL SYSTEM, attached hereto.)

5. Soil Absorption Properties. (See FORM HD-43(73) SOIL ABSORPTION TEST DATA REPORT, attached hereto).

Edward E Hall
Signature of Applicant (owner or lessee)

5115 Walker Lincoln Ne 68504
Address

(Do not write below double line)

REVIEWING ACTION

1. Date Rec'd;
Filing Fee: $ 30.00

2. Site Visits:
Date: by:
Date: by:
Date: by:

3. Date: Approved ☒ ; Disapproved ☐ 5/16/77
by: Jerrold E. Hood

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: by:

FORM HD-43 (73) SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone 474-1541)

FILE NO. 1054-C

PROPERTY WHERE SOIL TESTED:
Owner: Edward + Shirley Hall
Location: Township _____ : Range _____
Section & ¼ Sect. SE¼ SW¼ of 4-11-5 Address: 5115 Walker
Property Dimensions: 277.8 ft. x 555.6 ft.
Area: 8½ acres. (Attach sketch of property showing hole location).
Soil Type: Silty Clay ; Silty Clay Loam ; Sandy Loam
Silty Loam ; Clay Loam ; Sandy Clay ✓

Dates of Tests: 5-14-77 to 5-15-77. Weather: Precip. 30/100 Temp. 85

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings						Results	
		Start		End		Start			End				
Hold No.	Hole Depth (in.)	Date (Mo. Day)	Time (Hr. Min.)	Date (Mo. Day)	Time (Hr. Min.)	Date (Mo. Day)	Time (Hr. Min.)	Water Level (in.)	Time (Hr. Min.)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./inch)
1	36"	5/14	2:00PM	5/15	3:00PM	5/15	3:30PM	6"	4:00PM		1hr	1 in	1hr/1in
2	✓	✓	✓	✓	✓	✓	✓	6"	✓				
3	✓	✓	✓	✓	✓	✓	✓	6"	✓				
4	✓	✓	✓	✓	✓	✓	✓	6"	✓				
5	✓	✓	✓	✓	✓	✓	✓	6"	✓				
6	✓	✓	✓	✓	✓	✓	✓	6"	✓				

Edward E Hall
Signature of Person Conducting Test

Address 5115 Walker

Phone 464-6124

Sum of Percolation Rates: _____
Average of Rates: _____
Mean of Rates: _____

(Do not write below this line)

REVIEWING ACTION

REMARKS: Appears to be a Sharpsburg Silty Clay Loam. (S.C.S.) Shows a slope.

DATE: May 16, 1977

Approved Percolation Rate (a)
A. 40 min./inch
B. _____ min./inch
C. _____ min./inch

Jerrold C. Hood
Signature of Reviewing Official

FORM HD- 45(73) PLANS & SPECIFICATIONS
SEWAGE DISPOSAL SYSTEM

(Annex to Application)
City Ordinance No. 9150 ☐
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO. 1054-C

SPECIFICATIONS

DATE: 5/15/77

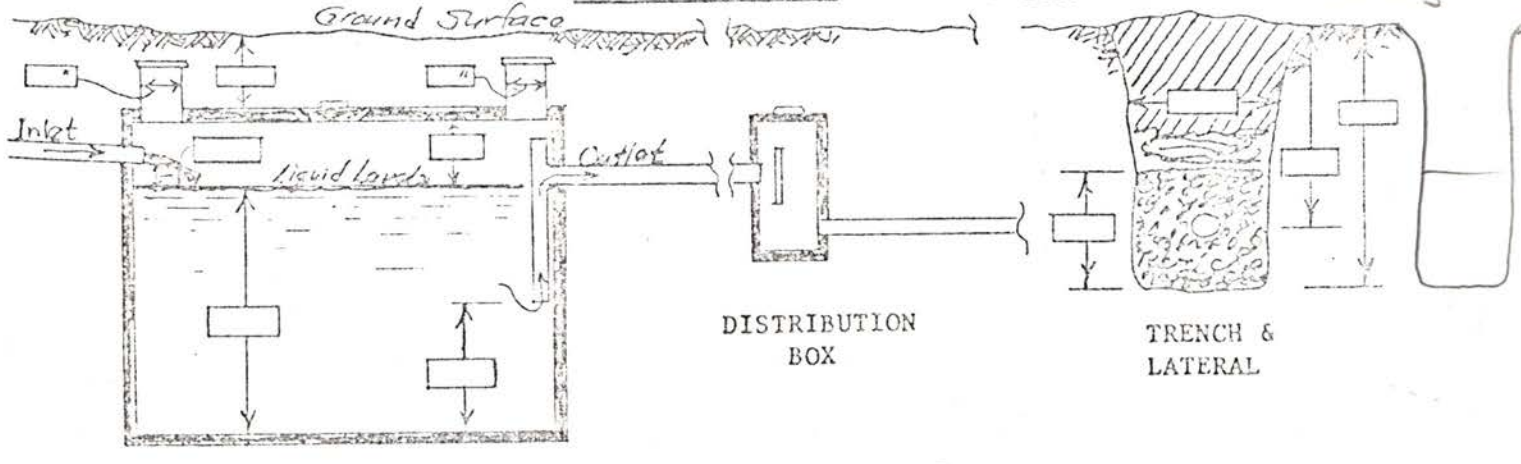
A. BUILDING SEWER:
1. Material Conc.; Diameter 16 in.
2. Distance above basement floor ___ in.; or below basement floor ___ in.
3. Distance between dwelling and septic tank 65 ft.
4. Number of clean-outs 1.
5. Distances To:
Well or Suction Line 150 ft.;
Stream None ft.; Pressure Line 150 ft.;
Property Line 100 ft.

B. SEPTIC TANK (Provide construction drawings.)
1. Material Conc.; No. of compartments 1.
2. Capacity 1000 gals.; Liquid depth ___ in.
3. Factory Built: Yes ☑ (Company Per Cast)
No ☐
4. Manholes: Over Inlet; diam. 16 in.
Over Outlet; diam. 6 in.
Below Grade 24 in.
5. Inlet: Baffle ☐; or Tee ☐
6. Outlet: Baffle ☐; or Tee ☐
Depth of outlet below inlet 6 in.
7. Depth of top of tank below finished grade 24 in.
8. Distances To:
Well or Suction Line 150 ft.;
Stream None ft.; Pressure Line 150 ft.;
Property Line 100 ft.

C. DISTRIBUTION BOX
1. Material Conc.; No. available outlets 4.
2. Factory Built: Yes ☐, (Company Per Cast) No ☐
3. Dimension: Length 18 in.; Width 10 in. Depth 12 in.
4. Distance from Septic Tank 10 ft.
5. Serial Distribution: Yes ☐, No ☐
(If yes, show detailed plans.)

D. ABSORPTION FIELD: (Provide drawings.)
1. Type: Conc
2. Lateral Lines: Depth below grade 18 in.
Number 3; Length of each line 50 ft.
Total length of Laterals 218 ft.;
Slope ___ in/100 ft. Diameter of pipe 4 in.; Shape Half Round
Material: concrete ☐; fiber asbestos ☐; clay ☐; other ___
Distance between lateral lines 20 ft.
3. Trench Dimensions: Depth 3 in.; Width 18 in.
4. Filter Material: Gravel.
Depth of material from trench bottom 16 in.
5. Distances To:
Well or Suction Line 150 ft.;
Stream None ft.; Pressure Line 150 ft.
Property Line 100 ft.
6. Percolation Rate: 40 minutes/inch

TYPICAL SKETCHES will be two trenches 50' long



Edward E Hall
Signature of Applicant