LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

3140 "N" STREET ENVIRONMENTAL HEALTH DIVISION (402) 441-8000
NON TRANSFERABLE Lincoln, NE 68510-1514
PERMIT

Permit No. 97380168601

SEWAGE INSTALLATION
SEPTIC SYSTEM

Issued 11/19/97
Expires 05/19/98
Revenue Code 3157

FEES: $150.00

Establishment

ROBERT L LYMAN
T9N R8E SEC 32 QTR SW
LOT 46IT
11120 S 120 ST-BENNET

TOTAL $150.00

Permittee

ROBERT L LYMAN
5230 W VANCE RD
LINCOLN NE 68524-1045

Gregg Wright MD.
Issued By ~~M. Jane Ford~~
Health Director

5482

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"

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

A

Permit Number: 97390168601

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 11120 South 120th City Bennet NE, Zip 68317

(no rural route)
Legal Description Lot 46 irregular tracts Southwest 32 9N 8 east of the 6th P.M. 46th.
1/4 1/4 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude _____ Latitude _____

☒ Check if system mail address is not the same as the owner's address

B. Owner

Name Robert Lyman Signature Robert Lyman

Address 5230 West Vance City/State/Zip Lincoln, NE, 68524

☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name Brad Southwick. Company Name Southwick Sewer + Drain

Address 17201 So 72 City/State/Zip Hickman, NE 68372

☒ Check if contractor designed system Work Phone 430-7606 / 475-2462

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name _____ Firm _____ Work Phone _____

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms ~~5~~ 3 Bdl Is there a Whirlpool Bathtub YES NO

☐ Commercial Establishment/Other Facility Specify _____

Design flow in gallons per day _____ Type of Wastewater: ☐ Domestic ☐ Non-Domestic.

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☒ County Resolution No. 2832

1. **Health Department** Date rec'd 11/14/97 Date frwd 11/14/97 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 11/14/97 Date frwd 11/14/97 ACTION ☒ Approved ☐ Disapproved Signature (BUILDING PERMITS REQ.)
3. **City or County Engineer** Date rec'd 11/14/97 Date frwd 11/14/97 ACTION ☒ Approved ☐ Disapproved Signature

7/7/98 up to 1 one lateral done, J. C.H.

Installation Final Written Approval

By Paul D. Hyman

Date 7-9-98

Business Office Use Only
Date Rec'd 10/22/97
Amt Paid 150.00
Rec'd By _____ Cash/Check No. 1185

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

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

B

Permit Number: 9738016860 1

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 11120 South 120th (no rural route) City Bennet NE, Zip 68317

Owner Robert + Nicole Lyman Addresss 5230 West Vance

Soil Type (SCS): WYMORE Silty clay loam Percolation Rate: _____ min./inch

Date of Tests 6/22/97 to 6/23/97 Weather: Precipitation none Temperature 80° - 85°

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. N. Results		
		Start		End		Start			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	36"	6/22	3:00	6/22	7:00	6/23	2:10	25			30	~~1/2~~	~~120~~
2	36"	6/22	3:00	6/22	7:00	6/23	2:10	25			30	~~1~~ 1/2	60 MIN/IN
3	36"	6/22	3:00	6/22	7:00	6/23	2:10	25			30	~~1~~ 3/4	~~80~~ 40 MIN/IN
4	36"	6/22	3:00	6/22	7:00	6/23	2:10	25			30	~~1~~ 1/2	60 MIN/IN
5	36"	6/22	3:00	6/22	7:00	6/23	2:10	25			30	~~1~~ 1/8	~~240~~ 2 MIN/IN
6	36"	6/22	3:00	6/22	7:00	6/23	2:10	25			30	~~1~~ 5/8	~~240~~ 48 MIN/IN
7	36"	6/22	3:00	6/22	7:00	6/23	2:10	25			~~30~~	~~1~~	~~240~~

Sum of Percolation Rates: 122.2

Average of Rates: 60 MIN/IN 17.5

Rate Used for Calculation: _____

Person Conducting Percolation Tests

Name: Robert Lyman

Phone: 470-0494

Address 5230 West Vance Rd.
Lincoln NE 68524

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood Date OCTOBER 22, 1997

FORM 23-101 10-96

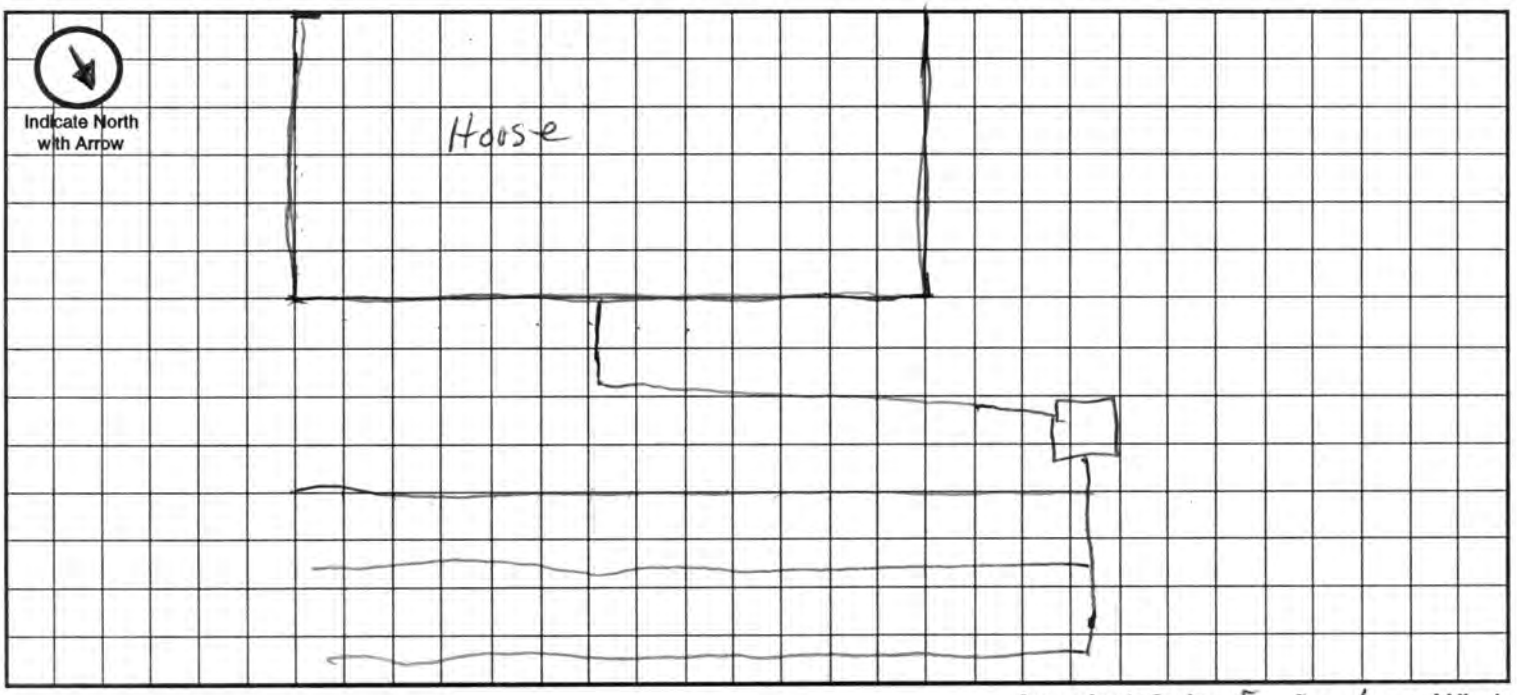
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 9738016 8601

Sewage Disposal System
Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



Approximate Scale: 5 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 11120 South 120th City Bennet NE, Zip 68317

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 60 (min. per inch) Soil Type: WYMORE SILTY CLAY LOAM Land Slope: _____ %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 1650 990 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

Capacity of Septic Tank 1250 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 413 247 ft. Number of Trenches ~~2~~ 3 Trench Width 4 FOOT

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☐	50 ☒	NA ☐	25 ☐	20 ☒	15 ☒	25 ☒	☐
Field (ft)	100 ☒	500 ☐	50 ☒	4 ☐	30 ☐	20 ☒	30 ☒	40 ☒	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor MODULAR (Rob Lyman) Date OCTOBER 22, 1997

Installer Brad Barth Date 11-12-97

FORM 23-102 10-96

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

D

Permit Number: 9738016 9601

Sewage Disposal System

As Built Plans & Specifications

Date 7-8-98

System Location (Indicate correct number and street)

Address 1120 So 120 (no rural route) City Bennet NE, Zip 68372

A. Building Sewer

1. Material: Sch 40 PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 10 in.
3. Distance between dwelling and septic tank: 68 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line > 50 ft.
   stream NA ft.
   pressure line NA ft.
   property line > 20 ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 6 X 9 in.
   Over outlet, diameter 6 X 9 in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 12 in.
8. Distances to: Well or suction line > 50 ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line > 20 ft.

C. Distribution Box

1. Material: PVC
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 20 ft.

D. Absorption Field

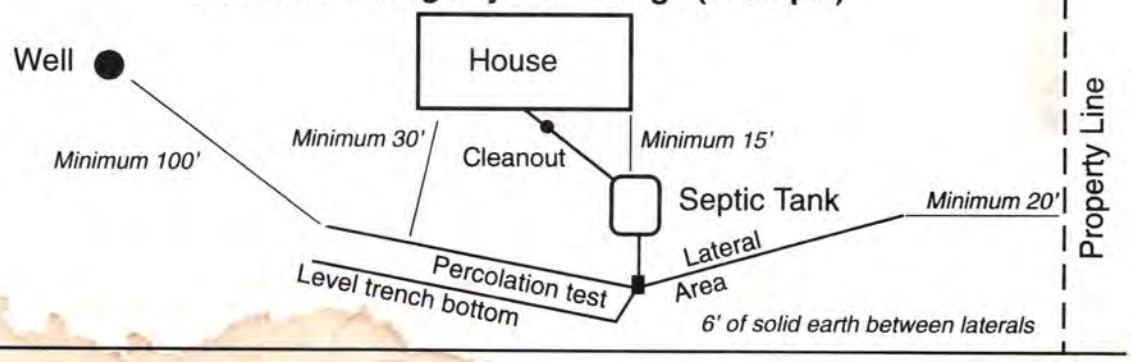
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 12"
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 84 ft. 84 ft.
   84 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 5 in/100 ft.
   Average depth 36 in
4. Filter material: Road Gravel
   Depth of material 18 in.
5. Distances to: Well or suction line > 100 ft.
   Stream > 50 ft.
   Pressure line NA ft.
   Property line > 20 ft.

Indicate North with Arrow

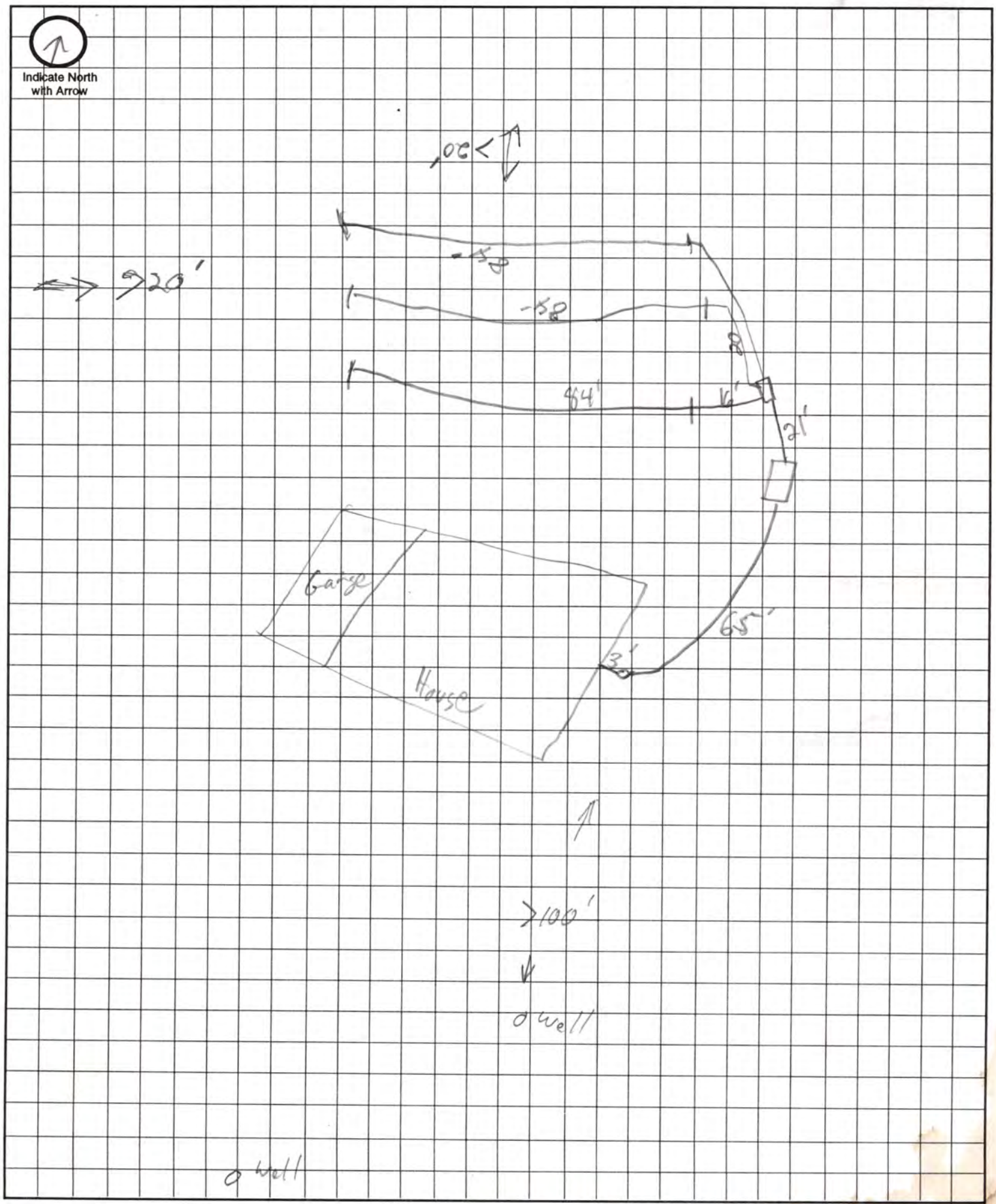
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



Approximate Scale: _____ ft. = _____ grid line/s