LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

3140 "N" STREET
NON TRANSFERABLE

ENVIRONMENTAL HEALTH DIVISION
Lincoln, NE 68510-1514

(402) 441-8000

PERMIT

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

No. 98380185401

Issued 09/28/98
Expires 03/28/99
Revenue Code 3157

FEES: $150.00

PAID

Establishment
DARRIN WORRELL
T11N R7E SEC 11 QTR SW
FINIGAN'S-1ST ADDN BLK 2 LOT 3
8921 EDWIN LN-WAVERLY

TOTAL $150.00

Permittee
DARRIN WORRELL
711 BARROW CT
LINCOLN NE 68521-4606

Issued By Health Director
Lincoln-Lancaster County Health Department

008162

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: 98380185A

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 8921 Edwin Ln (no rural route) City Waverly NE, Zip

Legal Description Finigan's 1st Addition Block 2 Lot 3
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 Darrin Worrell Signature X Dawn Worrell

Address 711 Barrow Ct City/State/Zip Lincoln, NE 68521

☐ Check if owner designed system Home Phone 475 0785 Work Phone

C. Contractor

Name Mike Dietze Company Name Waverly Plumbing & Well

Address PO Box 116 City/State/Zip Waverly NE 68462

☑ Check if contractor designed system Work Phone 786-5620

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

Designer Name Mike Dietze Firm Waverly Plumb & Well Work Phone 786 5620

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 3 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 9-28-98 Date frwd ACTION ☒ Approved ☐ Disapproved Signature Ron Mayfield
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 9.29.98 Date frwd 9/29/98 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 9-29-98 Date frwd 9-29-98 ACTION ☒ Approved ☐ Disapproved Signature

8-11-17-98 need drawing

Installation Final Written Approval

By Ron Mayfield

Date 11-20-98

Business Office Use Only

Date Rec'd 9/28/98
Amt Paid 150.00
Rec'd By Cash/Check No. 5889

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

B

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

Permit Number:

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 8921 Edwin Ln (no rural route) City Waverly NE, Zip

Owner Darrin Worrell Address 711 Barrow Ct Lincoln 68521

Soil Type (SCS): Clay loam Percolation Rate: min./inch

Date of Tests 9-14-98 to 9-18-98 Weather: Precipitation 0 Temperature 90

Percolation Test Data Table

Waverly Plmg

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	9-14	6:15	9-18	600	9-12	600	6	9-12	636	30	3/4	40 mpi
2	36	9-14	6:15	9-18	6 PM	9-12	600	6	9-12	630	30	3/4	40
3	36	9-14	6:15	9-18	6 PM	9-12	6	6	9-12	630	30	5/8	48
4	36	9-14	6:15	9-18	6 PM	9-12	6	6	9-12	630	30	3/4	40
5	36	9-14	6:15	9-18	6 PM	9-12	6	6	9-12	630	30	5/8	48
6	36	9-14	6:15	9-18	6PM	9-12	6	6	9-12	630	30	1/2	60
													276
													46
													60

Person Conducting Percolation Tests

Name: Brian Shafer
Phone: 464-0238
Address 2700 Dun Ave.

Sum of Percolation Rates: 276
Average of Rates: 46 mpi
Rate Used for Calculation: 60 mpi

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks Shorpsberg soil

Signature of Reviewing Official Ron Mayer Date 9-29-98

FORM 23-101 10-96

TOTAL P.02

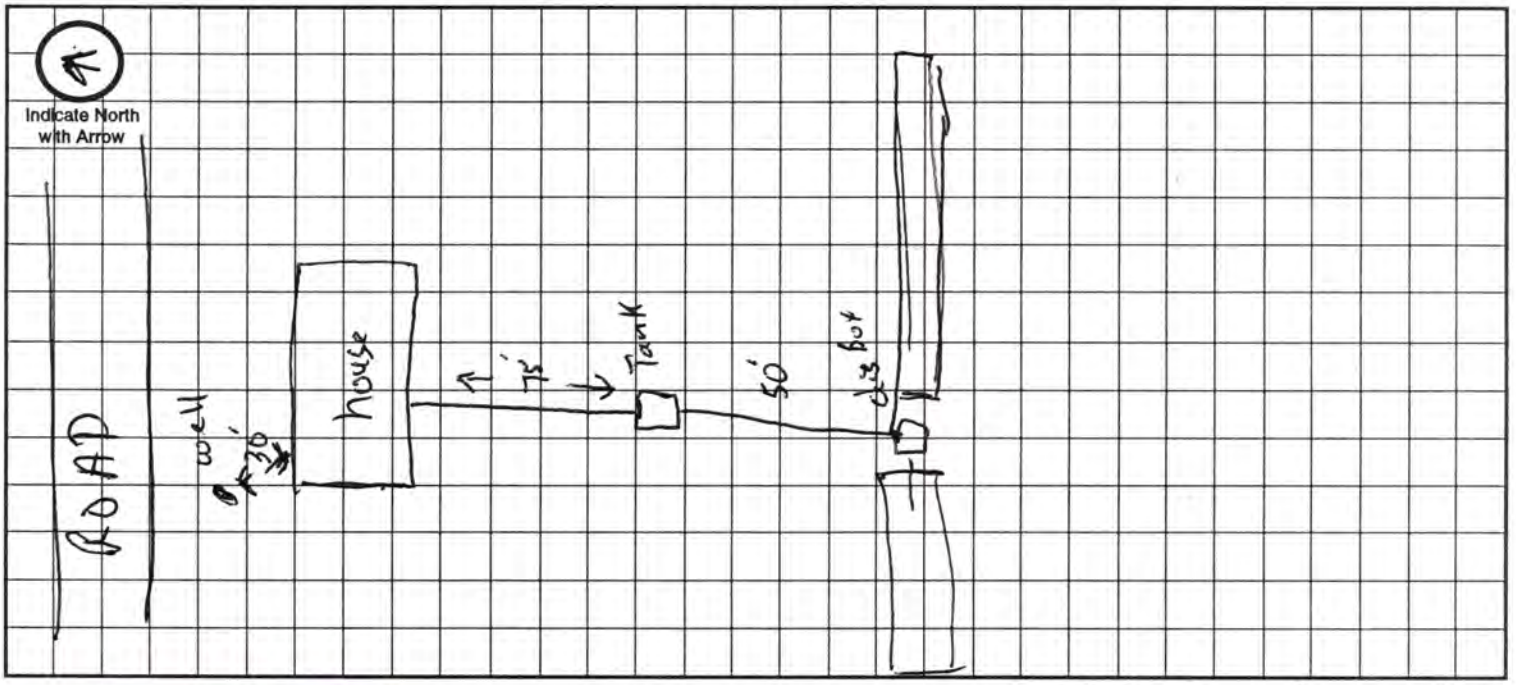
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

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: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) _____ City _____ NE, Zip _____

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: Shorpsburg Land Slope: _____ %

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

Total Square Feet of Field Required: _____ sq. ft.

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

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 247 ft. Number of Trenches 3 Trench Width 4 ft

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 ☐ N/A	50 ☐ N/A	NA ☐ N/A	25 ☒	20 ☒	15 ☒	25 ☐	☒
Field (ft)	100 ☒	500 ☐ N/A	50 ☐ N/A	4 ☐ N/A	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor Brighton Construction Co Inc Date 9-25-98

Installer Michael Pretz Date 9-23-98

FORM 23-102 10-96

NOV 20 1998

D

Permit Number:

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

Sewage Disposal System

As Built Plans & Specifications

Date 11-17-98

System Location (Indicate correct number and street)

Address 9821 EDWIN (no rural route) City Lincoln NE, Zip 68

A. Building Sewer

1. Material: PVC SDR 26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 36 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 NA ft.
   pressure line 50 ft.
   property line 150 ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: PRE CAST
2. Capacity: 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 6" in.
   Over outlet, diameter 8" in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 18 in.
8. Distances to: Well or suction line 200 ft.
   Stream NA ft.
   Pressure line 100 ft.
   Property line ~~50~~ 100 ft.

C. Distribution Box

1. Material: Concrete PRE CAST
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 30 ft.

D. Absorption Field

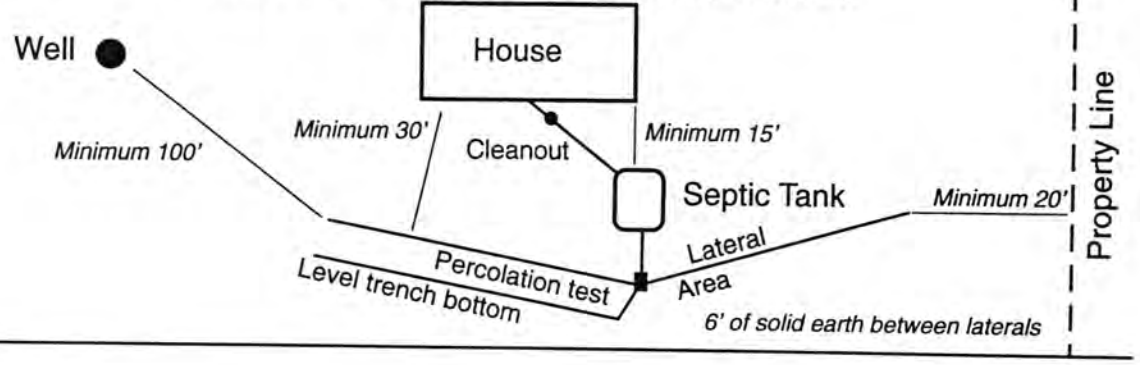
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: INFILTRAK
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 100 ft. 100 ft.
   49 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 36 in
4. Filter material: GRAVEL
   Depth of material 24 in.
5. Distances to: Well or suction line 150' ft.
   Stream NA ft.
   Pressure line 1 ft.
   Property line 40 ft.

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

Indicate North with Arrow

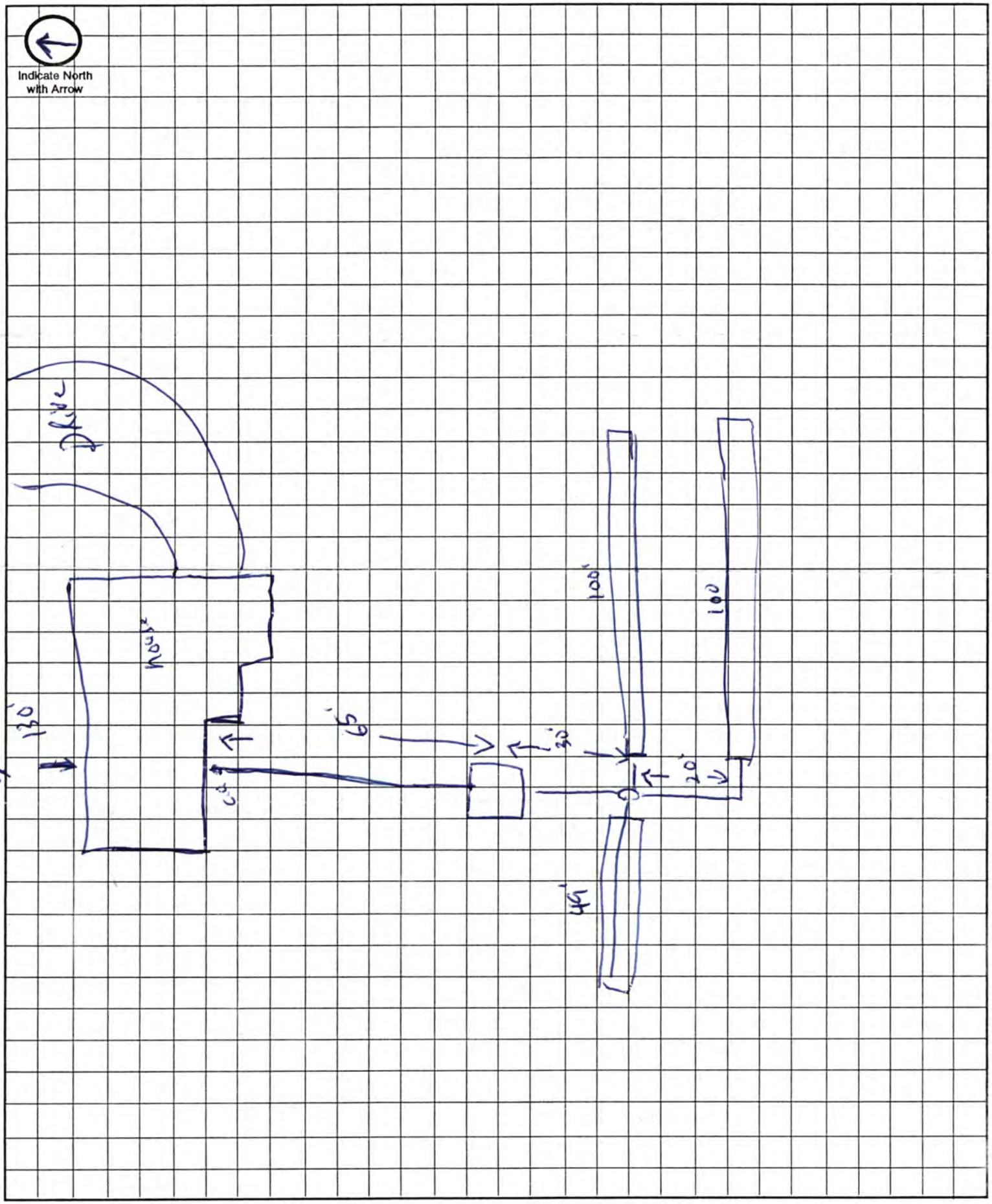
Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing

8921 Edwin



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


N 98th
(Joins sheet 10)
(Joins sheet 16)
(Joins sheet 20)
470 000 FEET
2 810 000 FEET
15
N
1 Mile
5000 Feet
Scale 1:20000
New septic
Waverly Rd