LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

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

Permit No. 98380172901

SEWAGE INSTALLATION
SEPTIC SYSTEM

Issued
Expires 03/12/98
Revenue Code 09/12/98
3157

FEES: $150.00

PAID

Establishment

DAN HOHENSEE
T9N R7E SEC 28
COUNTRY LANE 1ST ADD BLK 1 LOT 4
9600 S 64 ST

TOTAL $150.00

Permittee

DAN HOHENSEE
5510 LONDON RD
LINCOLN NE 68516-3270

Gregg Wright MD

Issued By M. Jane Ford
Health Director

6227

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:

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 9600 So 64 (no rural route) City Lincoln NE, Zip 68516

Legal Description 28 9N 7E County Lane FIRST 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 Dan Hohensee Signature DRH

Address 5510 LONDON RD City/State/Zip LINCOLN, NE 68516

☐ Check if owner designed system Home Phone 421-2181 Work Phone 436-1304

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

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 4 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 3/11/98 Date frwd 3/12/98 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood

Insert 10-1, 9-30, 9-29

2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 3/12/98 Date frwd 3/12/98 **ACTION** ☒ Approved ☐ Disapproved Signature _____

3. **City or County Engineer** Date rec'd 3/12/98 Date frwd 3/12/98 **ACTION** ☒ Approved ☐ Disapproved Signature B E Michael

Installation Final Written Approval

By John Olsen

Date 10-1-98

Business Office Use Only

Date Rec'd 03/11/98

Amt Paid 150.00

Rec'd By m Cash/Check No. 1085

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:

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 9600 S. 64TH (no rural route) City LINCOLN NE, Zip 68516

Owner DAN & ANGIE HOHENSEE Addresss 5510 LONDON RD LINCOLN, NE 68516

Soil Type (SCS): SHARPSBURG SILTY CLAY LOAM Percolation Rate: _____ min./inch

Date of Tests 10/31/96 to 11/1/96 Weather: Precipitation 0 Temperature _____

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	52	10/31	11:38A	10/31	3:38P	11/1	3:04P	28.8	11/1	3:33P	29	2.16	13.4
2	48	"	11:40	"	3:40	"	3:05P	25.32	"	3:34	29	2.28	12.7
3	53	"	11:44	"	3:44		11:37A	16.8		12:25	48	2.16	22.2
4	50	"	11:36	"	3:36	"	3:00P	23.4	"	3:30	30	1.32	22.7
5	52	"	11:51	"	3:51	"	3:01P	20.64	"	3:31	30	1.44	20.8
6	54	"	11:48	"	3:48	"	3:02P	19.2	"	3:32	30	2.16	13.9

Sum of Percolation Rates: 105.7
Average of Rates: 17.6
Rate Used for Calculation: 18

Person Conducting Percolation Tests

Name: STEPHEN NICKEL, (NICKEL ENGINEERING)
Phone: 402-423-0559
Address 7941 PORTSCHE LN
LINCOLN, NE 68516

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold E. Hood R.E.H.S. Date MARCH 11, 1998

FORM 23-101 10-96

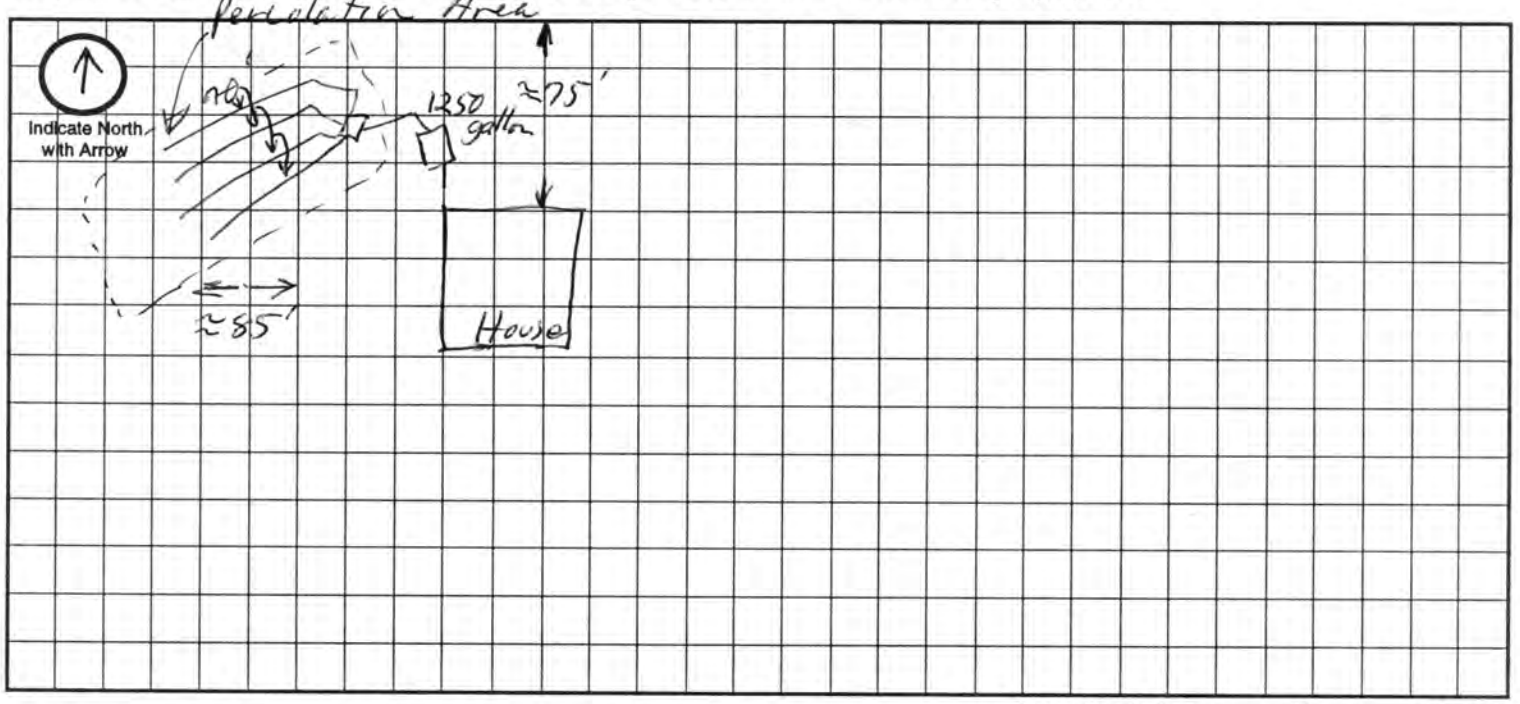
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

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) 9600 So 64 City Lincoln NE, Zip 68526

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 20 (40 for design) (min. per inch) Soil Type: Shc Land Slope: _____ %

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

Total Square Feet of Field Required: 1100 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: Infiltrator Equalizer-24

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

Total Length of Laterals 280 ft. Number of Trenches 4 Trench Width 4'

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 DLR Date 3-11-98

Installer Brad Smith Date 3-11-98

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:

Sewage Disposal System

As Built Plans & Specifications

Date 10-1-98

System Location (Indicate correct number and street)

Address 9600 So 64 (no rural route) City Lincoln NE, Zip 68516

A. Building Sewer

1. Material: Sch 40 PVC
   Diameter: 4 in.
2. Distance above basement floor: 60 in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: 33 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line > 50 ft.
   stream NA ft.
   pressure line > 30 ft.
   property line > 10 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 6X9 in.
   Over outlet, diameter 6X9 in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 6 in.
8. Distances to: Well or suction line > 50 ft.
   Stream NA ft.
   Pressure line > 30 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: 8 ft.

D. Absorption Field

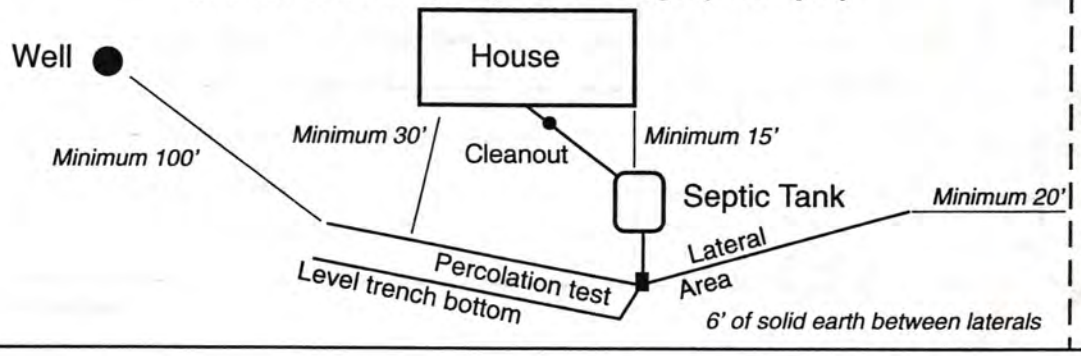
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other Equalizer 24 Infiltrator
2. Lateral lines: 280' Number 4
   Length of each line: 93½ ft. 93½ ft.
   75½ ft. 25½ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope ± 4 in/100 ft.
   Average depth 38-42 in
4. Filter material: Road Gravel
   Depth of material 18 in.
5. Distances to: Well or suction line > 100 ft.
   Stream NA ft.
   Pressure line > 35 ft.
   Property line ≥ 20 ft.

Indicate North with Arrow

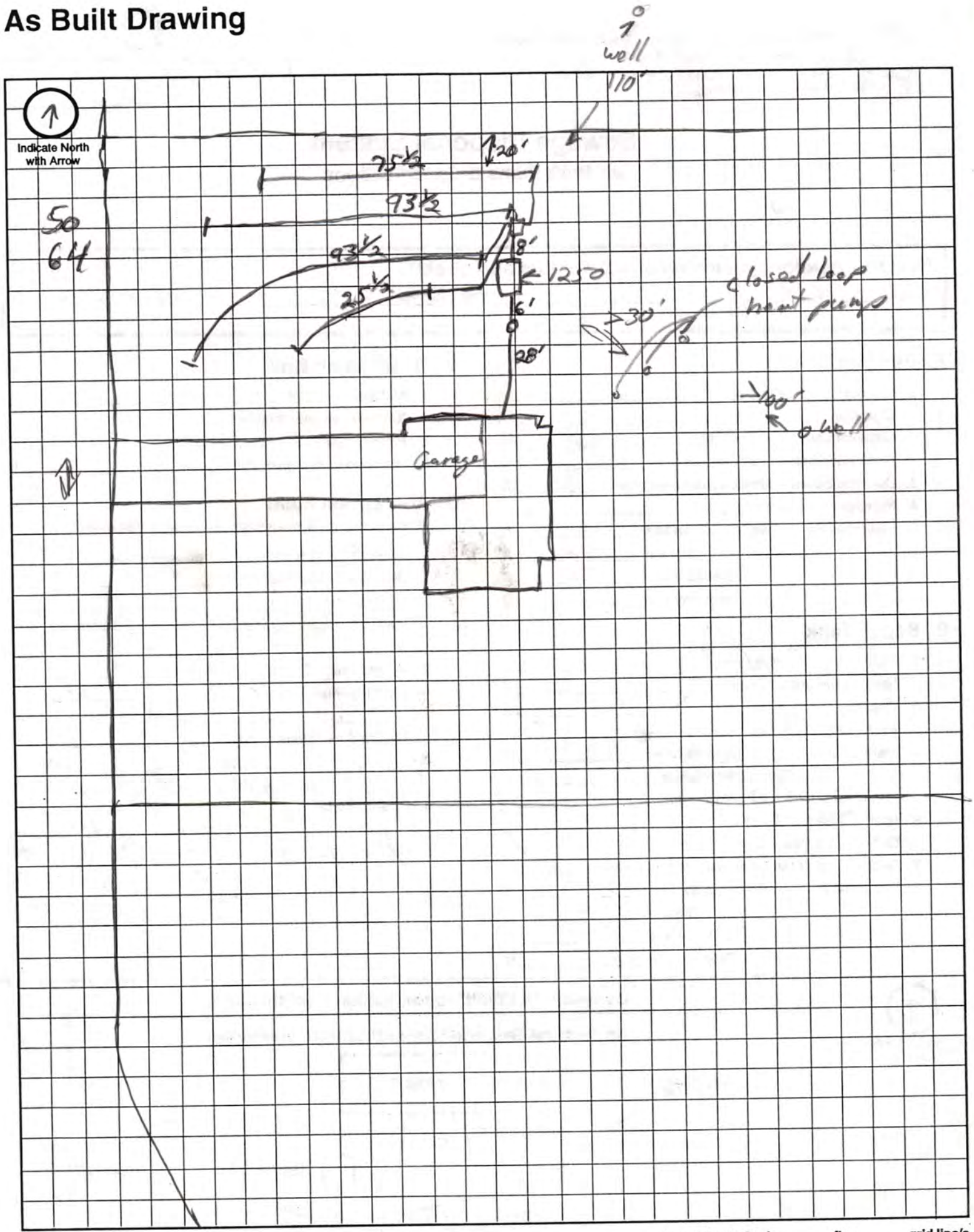
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



Approximate Scale: _____ft. = _____ grid line/s

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

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

NON TRANSFERABLE

PERMIT

Permit No. 98400072701

WATER WELL
NEW WATER WELL CONSTRUCTION

Issued 03/12/98
Expires 09/12/98
Revenue Code 3162

PAID

FEES: $75.00

Establishment

DAN HOHENSEE
T9N R7E SEC 28
COUNTRY LANE 1ST ADD BLK 1 LOT 4
9600 S 64 ST

TOTAL $75.00

Permittee

DAN HOHENSEE
5510 LONDON RD
LINCOLN NE 68516-3270

Gregg Wright MO

Issued By M. Jane Ford
Health Director

6228

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

Permit No. 98400072701

Reg. # G-98482

Request for Site Clearance and Permit for Individual Water Well

The undersigned hereby requests:

- ☒ Site Clearance and Permit to construct a new individual water well - $75.00
- ☐ Annual Permit for an existing well - $50.00
- ☐ Permit to repair or alter existing well involving opening of well - $25.00

1. Well Site Address 9600 S 64TH (No Rural Route Please) City LINCOLN, NE Zip 68516

   Legal description of property:
   Twp 9N; Range 7E; Section 28; Block 1; Lot 4; Addition COUNTRYLANE 1ST ADDITION

2. Well use: ☒ Residential; ☐ Commercial; ☐ Other; Describe: _____

3. Distance to Public Water Supply (MILES) feet.

Signature of Owner DIRH

Print Name DANIEL R HOHENSEE
Current Address 5510 LONDON RD
LINCOLN NE 68516
Current Home Phone 421-2181
Work Phone 436-1304

Signature of Contractor _____

Print Name JENSEN WELL COMPANY, INC
Address 767 IOWA ST
BLAIR, NE 68008-1750
Home Phone _____
Work Phone 1-800-852-8561
Cellular Phone _____

Sewage Permit Applied for: ☒ Yes ☐ No ☐ Not applicable

Please Submit Permit Fee with This Request

Please Do Not Write Below This Line

Approval Process: Lincoln Municipal Code 8.44

1. Health Department	Date received 3/11/98 Date forwarded 3/12/98	ACTION ☒ Approved ☐ Disapproved Signature: Gerald C. Wood		
2. Building & Safety	Date received 3/13/98 Date forwarded 3/13/98	ACTION ☒ Approved ☐ Disapproved Signature:		
3. City Engineer	Date received 3/13/98 Date forwarded 3/13/98	ACTION ☒ Approved ☐ Disapproved Signature:		

REMARKS OR REASONS FOR DISAPPROVAL: _____

Site Visits:
Date: 1/22/99 By mm water too turbid
Date: 1/25/99 By mm
Date: 2/3/99 By mm
2/4/99 mm

Installation Final Written Approval
By: Ken Mangum
Date: 2/9/99

Nitrate Level .1 mg/L
Chloride Level NA mg/L
Bacteriological Analysis Satisfactory
Yes X No X (Shock treated)
Other _____

Business Office Use Only
Date Rec'd: 03/11/98
Amt Paid: $ 75.00
Rec'd By _____ ~~Cash~~/Check No. 1085

Distribution:
White - Health Dept. Lt. Green - Engineer Lt. Blue - Bldg Inspector

P6850-27
P6759-36
P7307-2

OCT 7 1998

FORM: 20223-0483
REQUEST FOR SITE CLEARANCE AND PERMIT
FOR INDIVIDUAL WATER WELL
CITY ORDINANCE NO. 13553
FILE NO. 98400727

Lincoln-Lancaster County
HEALTH DEPARTMENT
3140 "N" STREET LINCOLN, NE 68510-1514

DATA SHEET FOR WATER WELLS

Legal Description: Sec. 28 T. 9N R. 7E Block 1 Lot 4 Addition COUNTRYLANE 1ST ADDITION
Owner DANIEL R & ANGELA J HOHENSEE Address 9600 S. 64TH

LOG OF WELL	
	Description
Depth Ft. to	
0 - 3'	Topsoil
3 - 54	Light Brown Clay
54 - 70	Dark Gray Clay
70 - 93	Red & Yellow Shale
93 - 128	Gray Shale
128 - 137	Sandstone
137 - 140	Black Shale
140 - 153	Sandy White Shale
153 - 158	Black Shale
158 - 180	Sandy White Shale
180 - 200	Fine Hard Sandstone
200 - 220	Fine - Medium Hard Sandstone

WELL COMPLETION RECORD

Drilling Method: Rotary
Depth (from ground level), Ft. 217'
Date Completed 9-3-98

Casing: Length, Ft. 207 ; Dia. In. 4"
Wall Thickness, Inc. .237 ; type PVC

Screen: Length, Ft. 10 Dia. In. 4"
Type Jayco Wop PVC, slot Size .010

Drop Pipe: Length, Ft. 200 Dia. In. 1 1/4

Water Level, Surface to top of water, Ft.:
Static 154', Pumping 169'

Yield: 16 ggm, Measured ☐ , Est. ☑
Chlorination Completed Yes ☑ No ☐

The above information including "Log of Well" is a true record of the job performed by me.

Driller David L. Johnson (Signed)

Address 767 Iowa St. Blair Ne

Date 10-6-98

REMARKS

DO NOT WRITE BELOW THIS DOUBLE LINE

Health Department forwarded copy of record to Nebraska Conservation and Survey Department for Scientific Record ☐

FORM 23-4

State of Nebraska
Department of Water Resources

WATER WELL REGISTRATION CORRECTION

FOR DEPARTMENT USE ONLY

Registration Number G-098482

Sequence Number 115372

Correction Date November 18, 1998

Person Processing Correction Judith A. Huwaldt

Information regarding the water well referenced above has been changed in the Department's water well registration records. Please note the following changes and the reason changes were made:

Well Location (Item 6A): According to the markings on the aerial photograph and the footage given in item 6B on the registration form, the well is estimated to be located in the SW¼SE¼.

Pump Information (Item 7C): According to Jensen Well Co., Inc., the length of the pump column is 200 feet.

This correction has modified section(s) 6.A.7.C. **of DWR Registration Form #**145. **If these changes are inaccurate, please contact the Department of Water Resources at P.O. Box 94676, Lincoln, NE, 68509-4676.**
Phone (402)471-3458.

I certify that this Correction Form has been forwarded to the owner of the referenced water well and is now a part of the registration records.

Judith A. Huwaldt
Department of Water Resources

DEPARTMENT OF WATER RESOURCES
301 CENTENNIAL MALL SOUTH
LINCOLN, NE 68509

Date 11-16-98 Receipt No. [illegible]

Received of Daniel R. and Angela J. Hohensee

Regarding: One Hundred Twenty —DOLLARS

				Amount
❑ Walk-In	❑ Cash	❑ Remedial Action		$
❑ Copy(ies)	❑ Printout(s)	❑ Permit(s)		$
❑ Other				
☒ Registration Number(s): G-098482 & G-098483 (2 wells)			DWR FEE	$60.00
❑ Returned			HHS FEE	$60.00
			TOTAL AMOUNT	$120.00

BY Kathleen Johnson

Printed with soy ink on recycled paper

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES
WATER WELL REGISTRATION

FOR DEPARTMENT USE ONLY

Registration Date 11-16-98 Sequence No. 115372 Registration No. G-98482
Owner Code No. 52313 Receipt No. 99186 Lower Platte South NRD

1. Well Owner DANIEL HOHENSEE
Address ~~5510 LONDON RD~~ 9600 S. 64TH Telephone Number (402) 421-~~2184~~ 0853
City LINCOLN State NE Zip Code 68516 +

2. Drilling Firm JENSEN WELL CO., INC
Address 767 IOWA STREET Telephone Number (402) 426-2585
City BLAIR State NE Zip Code 68008 + Contractor's License No. 39252

3. Permit Number(s) 98400072701

4. Purpose of well (indicate one): ___Dewatering (over 90 days) X Domestic ___Geothermal ___Ground Heat Exchanger
___Ground Water Source Heat Pump ___Industrial ___Injection ___Irrigation ___Livestock ___Monitoring
___Observation ___Public Water Supply (with spacing (46-638)) ___Public Water Supply (without spacing) ___Recovery ___Aquaculture
___Other _____ (indicate use)

5. Replacement and abandoned well information.
A. Is this well a replacement well? ___Yes X No B. Registration number of abandoned well: _____
C. Replacement well is _____ feet from abandoned well. D. Abandoned well last operated _____, 19____
E. Original well pump column size: _____ inches. F. Completion of original well abandonment on _____, 19____
G. Location of water use of abandoned well: _____

6. A. Well location: ___¼ of the ___¼ of Section 28, Township 9 North, Range 7 East/~~West~~, LANCASTER County.
B. The well is 1196 feet from the (North) or South) section line and 1897 feet from the (East or West) section line.
(Circle one) (Circle one)
C. Street address or block, lot and subdivision, if applicable: 9600 S 64TH COUNTRYLANE 1ST ADDITION
D. Location of water use, if applicable (give legal descriptions): _____
E. If for irrigation, the land to be irrigated is _____ acres.
F. Well reference letter(s), if applicable: _____

Pump Information.
Is pump installed at this time? X Yes ___No
If yes, complete items A through F.
If no, complete items A and D with estimated information for those wells in which pump will be installed.
A. Actual pumping rate, if applicable: 13-16 gallons per minute. Measured ☒ or Estimated ☐
B. Pump column diameter: 1¼ inches. C. Length of pump column: _____ feet.
D. Pumping equipment installed: 10/1, 1998. E. Brand/Type: SUBMERSIBLE
F. Pump installed by: Contractor ☒ Owner ☐ Pump Installer ☐ License No. 39252

printed on recycled pa

8. Well Construction Information.

A. Total well depth: 217 feet. B. Static water level: 154 feet. C. Pumping water level: 168 ☐ Estimate I or ☒ Measured

D. Well Construction began: 9/1, 1998. E. Well Construction completed: 9/3, 19

F. Bore hole diameter: 8.75 inches.

G. Plain Casing: Diameter 4 ID 4.5 OD inches. Type of material: PVC PLASTIC
Wall thickness: .237 inch(es). Joints--Welded/Glued/Threaded/Other: SOLVENT WELD
Length(s) and placement(s) depth from 5 ft. to 205 ft. from 215 ft. to 217 ft.

H. Screen: 4 ID 4.5 OD in.; Type of material PVC PLASTIC
Screen openings (slot size): .010 Trade name: JAYCO
Length(s) and placement(s) depth from 205 ft. to 215 ft. from ____ ft. to ____ ft. Guides at NONE ft.

I. Gravel pack interval(s) from 18 ft. to 217 ft. from ____ ft. to ____ ft. Grade size: REDIMIX

J. Grouted/Sealed from 8 ft. to 18 ft., with BENTONITE (type)
from ____ ft. to ____ ft., with ____ (type)

K. Drilling method: ROTARY L. Drilling fluid: BENTONITE/WATER SLURRY

M. Well development technique (total time and method): BAILED FOR ½ HR, PUMPED W/AIR FOR 4 HOURS

N. Will chemicals, fertilizer or antifreeze be injected or utilized in the system? ___Yes _X_No
If yes, what will be used: ____

9. Geologic Materials Logged

DEPTH IN FEET FROM	TO	DESCRIPTION
0	3'	TOPSOIL
3	54	LIGHT BROWN CLAY
54	70	DARK GRAY CLAY
70	93	RED AND YELLOW SHALE
93	128	GRAY SHALE
128	137	SANDSTONE
137	140	BLACK SHALE
140	153	SANDY WHITE SHALE
153	158	BLACK SHALE
158	180	SANDY WHITE SHALE
180	200	FINE HARD SANDSTONE
200	220	MEDIUM-FINE HARD SANDSTONE

(Additional sheets may be submitted)

10. I am familiar with the information submitted on this registration, and to the best of my knowledge it is true.

David L. Johnson — Water Well Contractor's Signature — 9/30/98 Date

D R A — Water Well Owner's Signature — 11/13/98 Date

LLCHD -- Well Data Entry

Permit Number: 98400727 ID Number: G-~~3~~~~4~~82 Date Abandoned:

Lat Deg: Min: Sec: Lng Deg: Min: Sec: Elev:

Township: 9 Range: 7 Section: 23 Quarter: Quarter/Quarter:

Blk: 1 Lot: 4 Addition: Countryland 1st ADD

House No: 9600 Dir: S St. Name: 64th St. Type St Suf:

Well Use: R Applicant: Daniel R. Hoensee

Owner: Daniel R. Hoensee Drlr: Jensen Well Co., Inc.

Drl Method: Rty Date Cmpltd: 9/03/98 Well Depth: 217 Cs Lngth: 207 Cs Dia: 4

Cs. Type: PVC Screen Length: 10 Static Lvl: 154 Pumping Lvl: 169 Yield: 16