Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Establishment

DON JOHNSON HOMES
T9N R6E SEC 17 QTR NW
IRONWOOD ESTATES BLK 6 LOT 1
3901 BUCKTHORN RD

Permittee

DON JOHNSON HOMES
5901 N 27 ST
LINCOLN NE 68521

Permit # 01380230101

Issued 04/23/01
Expires 10/23/01
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

014700

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

A

Permit Number: 01390230 1

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 3901 Buckthorn Rd (no rural route) City Lincoln NE, Zip 68528

Legal Description NW (1/4) 17 (1/4) 9N (Section) 6E (Township) Roberts Ironwood (Range) 6 (Subdivision) 1 (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 Don Johnson Homes Signature Don Johnson

Address 3901 N 27th City/State/Zip Lincoln NE 68521

☐ Check if owner designed system Home Phone 436-3228 Work Phone 430-7880

C. Contractor

Name Vogt Company Name Dave Vogt's

Address PO Box 181 City/State/Zip Elmwood NE 68349

☐ Check if contractor designed system Work Phone 560-3595

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 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 4/23/01 Date frwd 4/23/01 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 4/23/01 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 4-23-01 Date frwd 4-23-01 ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Doug Amel

Date 10/01/01

Business Office Use Only

Date Rec'd 04/23/01

Amt Paid 200.00

Rec'd By ns ~~Cash~~/Check No. 06140

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

Lincoln-Lancaster County Health Department
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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 3901 BUCKTHORN ROAD (no rural route) City LINCOLN NE, Zip 68528

Owner _____ Addresss _____

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

Date of Tests 4-13-01 to 4-14-01 Weather: Precipitation None Temperature 50°

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	30	4-13-01	11:00	4-14-01	11:00	4-14-01	11:00	6	4-14-01	11:30	30	1/2	60
2	30	"	"	"	"	"	"	6	"	"	30	1/2	60
3	30	"	"	"	"	"	"	6	"	"	30	1/2	60
4	30	"	"	"	"	"	"	6	"	"	30	3/4	40
5	30	"	"	"	"	"	"	6	"	"	30	1/2	60
6	30	"	"	"	"	"	"	6	"	"	30	1/2	60

Person Conducting Percolation Tests

Name: Dave Vogt
Phone: 560-4261
Address P.O. Box 181
Elmwood, NE 68249

Sum of Percolation Rates: 340
Average of Rates: 56.666
Rate Used for Calculation: 57

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

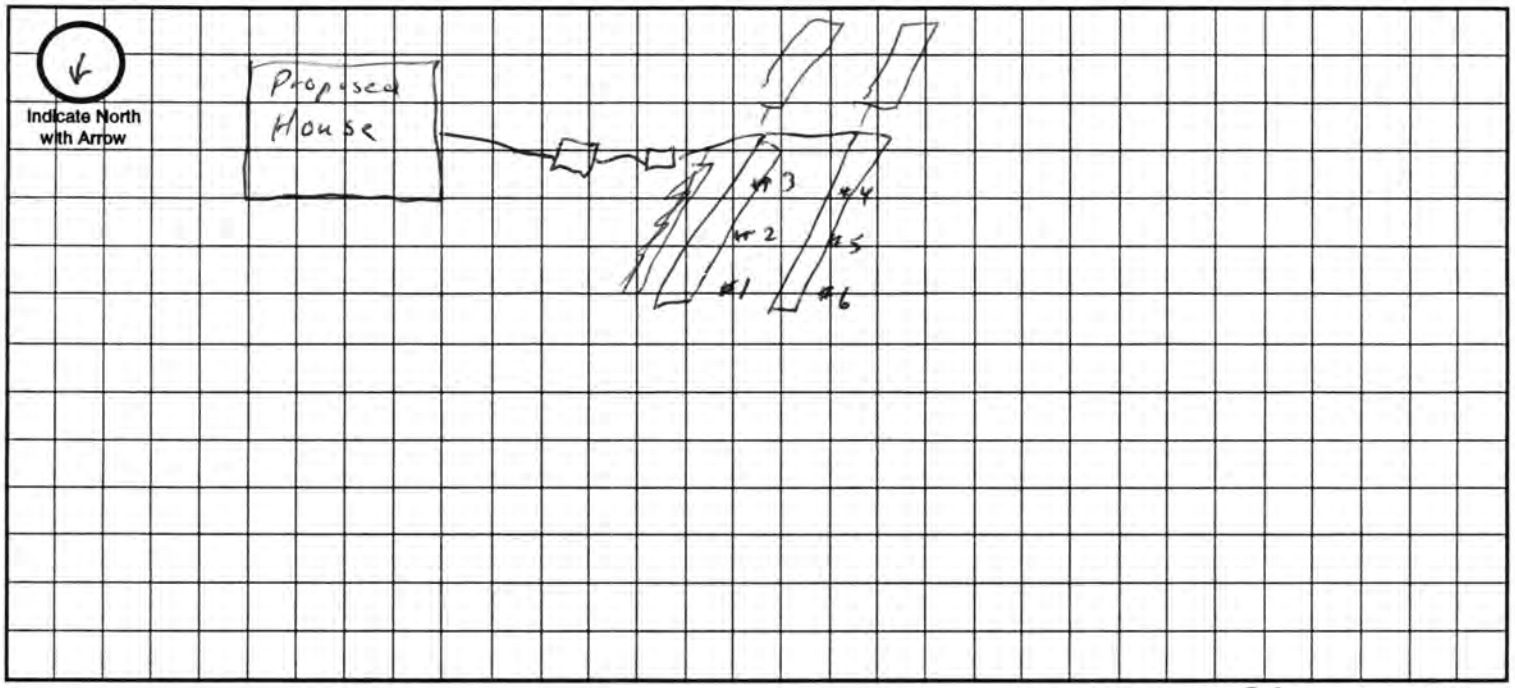
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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: 25 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 3901 BUCKTHORN ROAD City LINCOLN NE, Zip 68528

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other

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

Percolation Rate 57 (min. per inch) Soil Type: Silty Clay WYMORE LOAM Land Slope: 8 %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other

Total Square Feet of Field Required: 1050 sq. ft.

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

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

Total Length of Laterals 263 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 Dan Jochum Date

Installer Date 4-17-01

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
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Phone: 402-441-8022

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date _____

System Location (Indicate correct number and street)

Address 3901 Buck Thorne (no rural route) City Lincoln NE, Zip _____

A. Building Sewer

1. Material: Plastic
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 25' ft.
4. Number of clean-outs: none
5. Distances to: well or suction line 110 ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1000 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: 12 in.
8. Distances to: Well or suction line 100 ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 9
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 17' ft.

D. Absorption Field

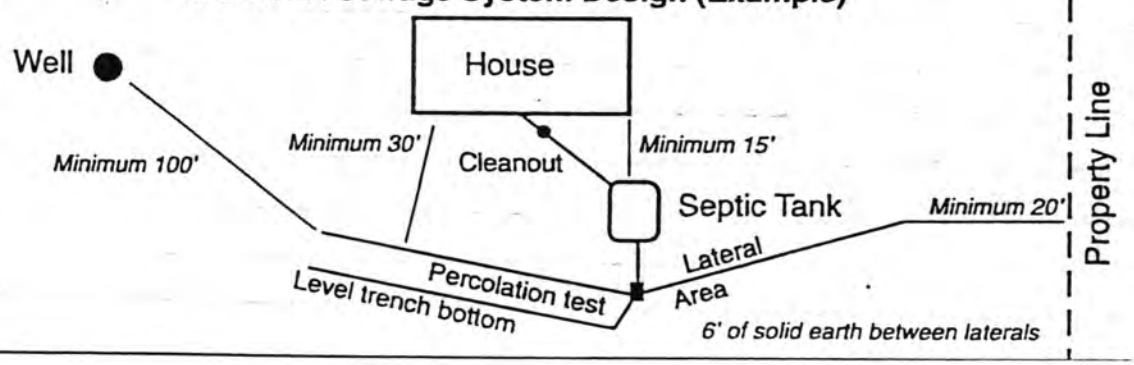
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: Infiltrators
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 60 ft. 100 ft.
   100 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 4 Tens in/100 ft.
   Average depth 30 in
4. Filter material: Gravel
   Depth of material 14 in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)

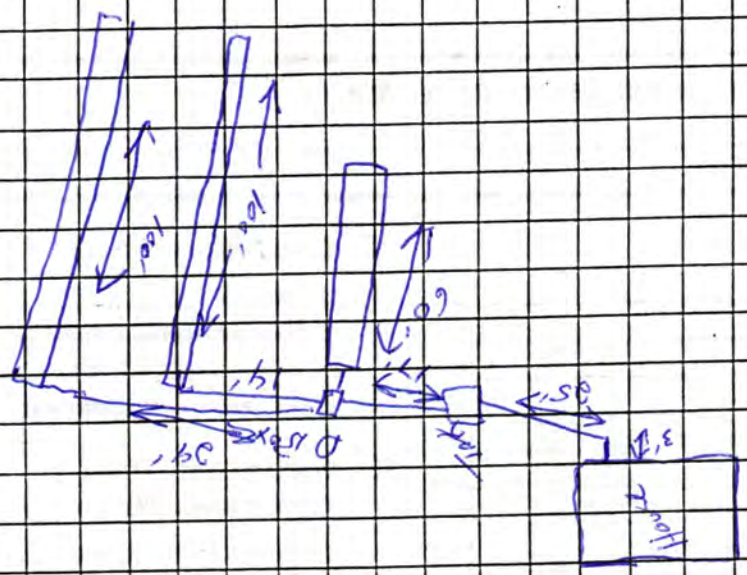


FORM 23-103 10-96

As Built Drawing

3901 Buckthorn

Indicate North with Arrow



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