Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 02380255901

Issued 10/22/02
Expires 04/22/03
Revenue Code 3157

Establishment
STEVEN LAU
T10N R8E SEC 31
WINHOEK BLK 2 LOT 4
11201 SECRETARIAT ST-WALTON

FEES: $200.00

Permittee
STEVEN LAU
6841 BEAVER CREEK LN
LINCOLN NE 68516

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

003026

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

A

Permit Number: 023802559 AH

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 11201 Secretariat (no rural route) City Walton NE, Zip NE 68361

Legal Description LCR 4934 — 1/4 — 1/4 — Section 31 — Township 10N — Range 8east of the 6th P.M. — Subdivision Section 31 Windhoek — Addition — Block 2 — Lot 4

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Steven Lau Signature Steve Lau

Address 6841 Beaver Creek Lane City/State/Zip Lincoln Ne 68516

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

C. Contractor

Name Matt Heinschmit Company Name Pride Homes

Address 1544 So 1st City/State/Zip Lincoln Ne 68502

☐ Check if contractor designed system Work Phone 434 3220

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

Designer Name Brad ~~[illegible]~~ Southwick Firm Southwick Sewer & Drain Work Phone 792-2462

E. This System Will Serve a

☑ Residential Dwelling Number of Bedrooms 4ea 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 10/22/02, Date frwd 10/22/02 — ACTION ☒ Approved ☐ Disapproved — Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** — Date rec'd 10-23-02, Date frwd 10-23-02 — ACTION ☒ Approved ☐ Disapproved — Signature [signature]
3. **City or County Engineer** — Date rec'd 10-24-02, Date frwd 10-24-02 — ACTION ☑ Approved ☐ Disapproved — Signature Chad Blahak

5/20/03 Hood draw mtg J.C.H.
5/22/03 tank + sewer J.C.H.

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date SEPTEMBER 9, 2003

Business Office Use Only
Date Rec'd 10/22/02
Amt Paid 200.00
Rec'd By CW Cash/Check No. 10057

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

421-6317

B

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Permit Number: 023802559

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 11201 Secretariat (no rural route) City Walton NE, Zip 68361

Owner Steven Lau Addresss 6841 Beaver Creek Lane Lincoln 68516

Soil Type (SCS): IUC Percolation Rate: _____ min./inch

Date of Tests 8-27 to 8-28-02 Weather: Precipitation _____ 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	36	8/27	6:30	8/28	2:15	8/28	3:15	15 7/8	8/28	3:25	10	7/8	12
2			PM		PM			12 7/8				3/4	14
3								13 3/4				7/8	12
4								12 3/4				5/8	16
5								10 1/8				3/8	27
6								11 1/8				5/8	16

Sum of Percolation Rates: 97

Average of Rates: 16

Rate Used for Calculation: 20

Person Conducting Percolation Tests

Name: Brad Barth

Phone: 475-2462

Address 17201 S. 72nd St.
Hickman, Ne 68372

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

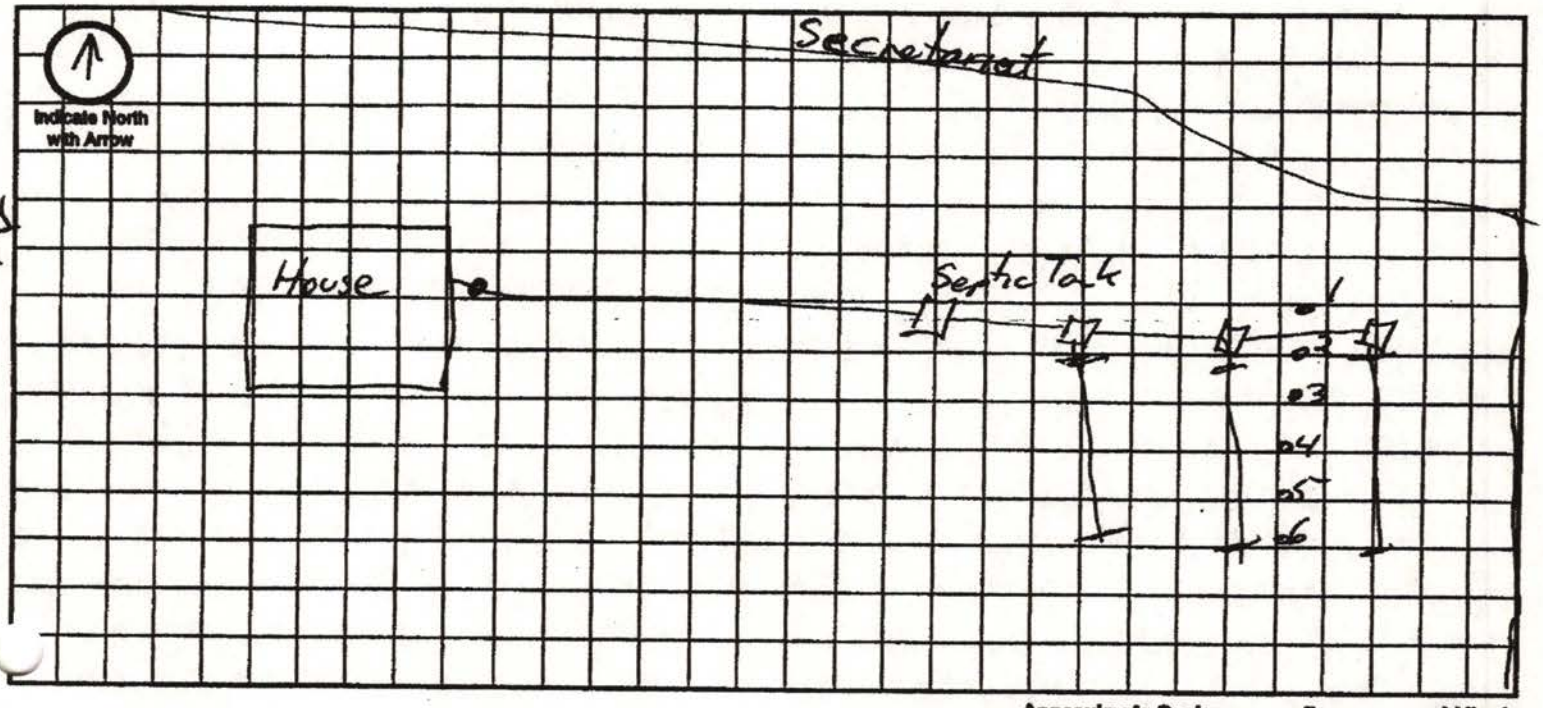
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 023802559

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) 11201 Secretariat City Walton NE, Zip 68361

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 20 (min. per inch) Soil Type: JVC Land Slope: 4 %

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

Total Square Feet of Field Required: 840 sq. ft.

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

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 210 ft. Number of Trenches _____ 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 Matt [signature] Date Oct 21/02

Lincoln-Lancaster County Health Department
Environmental Health Division
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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 7-03 Dr. Steven Lau - Pride Homes

System Location (Indicate correct number and street)

Address 11201 Secretariat LN (no rural route) City Walton NE, Zip 68461

A. Building Sewer

1. Material: PVC Sch 40
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 70 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: Plastic Snyder
   Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 18 in.
   Over outlet, diameter 18 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 _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: PVC
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 40 ft.

D. Absorption Field

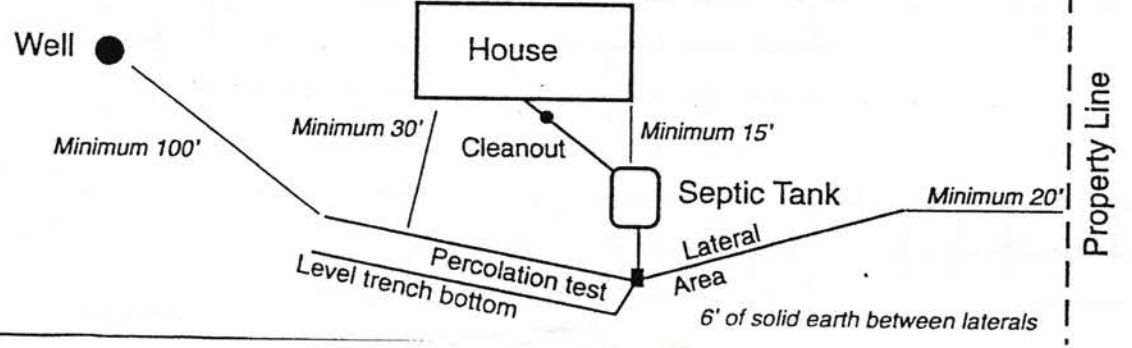
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: Infiltrator
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 80 ft. 80 ft.
   90 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3 (4) ft.
   Slope 4 in/100 ft.
   Average depth 28 in
4. Filter material: GRAVELLESS
   Depth of material _____ in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

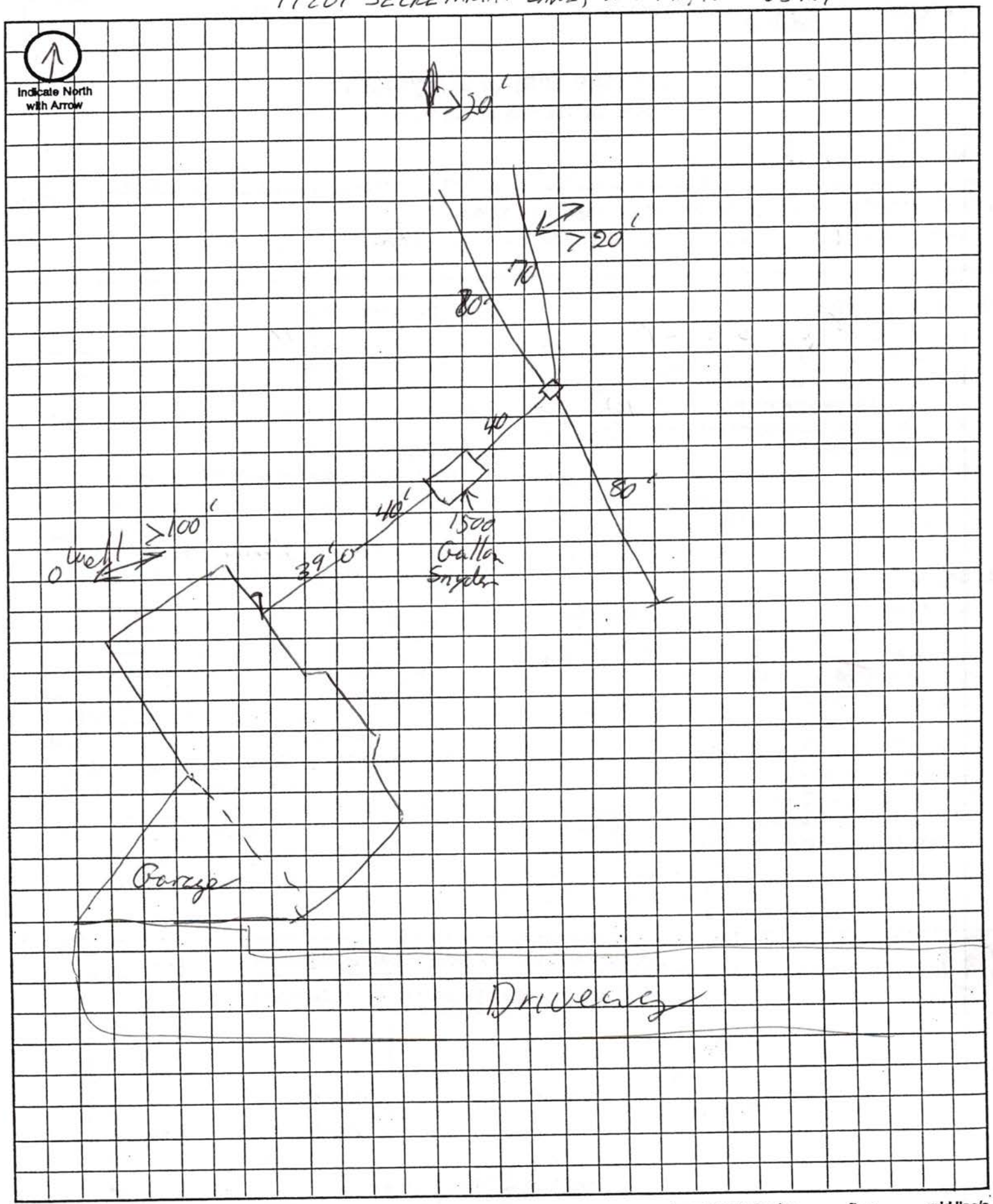
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



As Built Drawing

DR STEVEN LAU - PRIDE HOMES
11201 SECRETARIAT LANE, WALTON, NE 68461



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