Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

005709

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 04380289801

Issued 09/16/04
Expires 03/16/05
Revenue Code 3157

Establishment: CARL & NANCY BROWN
T8N R8E SEC 3 QTR NW
LOT 64IT
11950 S 148 ST-BENNET

FEES: $200.00

Permittee: CARL & NANCY BROWN
11950 S 148 ST
BENNET NE 68317

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

SEP 16 2004

A

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

Permit Number: 04802878

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 11950 S. 148th St (no rural route) City Bennet NE, Zip 68317

Legal Description NW 3-8-8 SEE Attached 64I.T
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 CARL + NANCY Brown Signature Nancy Brown

Address 11950 S. 148th St City/State/Zip Bennet NE 68317

☐ Check if owner designed system Home Phone 402-782-2021 Work Phone 402-440-0988

C. Contractor

Name [illegible] Company Name Scott Custom Homes

Address 12350 S 176th City/State/Zip Bennet NE 68317

☐ Check if contractor designed system Work Phone 890-3082

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

Designer Name BRAD SOUTHWICK Firm Southwick Sewer + Drain Work Phone 475-2462

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 9/16/04 Date frwd 9/20/04 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 9/20/04 Date frwd 9/20/04 ACTION ☒ Approved ☐ Disapproved Signature Patricia M. [illegible]
3. **City or County Engineer** Date rec'd 9/20/04 Date frwd 9/20/04 ACTION ☒ Approved ☐ Disapproved Signature [illegible]

Installation Final Written Approval

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

Date OCTOBER 6, 2004

Business Office Use Only

Date Rec'd 09/16/04

Amt Paid 200.00

Rec'd By [illegible] Cash/Check No. 7788

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

Lincoln-Lancaster County Health Department
Environmental Health Division
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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 11950 S. 148 (no rural route) City Bennet NE, Zip 68317

Owner Carl Brown Addresss 11950 S. 148 Bennet 68317

Soil Type (SCS): 5UC Percolation Rate: 40 min./inch

Date of Tests 9/9 to 9/10 Weather: Precipitation — Temperature 80s

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	21	9/9	8:00	9/10	8:00	9/10	12:05	12	9/10	12:35	30	3/4	40
2	↓		A		A		P	13½		P		1	30
3								12½				¾	40
4								15¼				1⅛	27
5								14¼				1	30
6								12¾				⅞	34

Sum of Percolation Rates: 201

Average of Rates: 33.5

Rate Used for Calculation: 40

Person Conducting Percolation Tests

Name: Brad Sanders

Phone: 475-2462

Address 17201 S. 72nd Hickman, NE 68372

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-96

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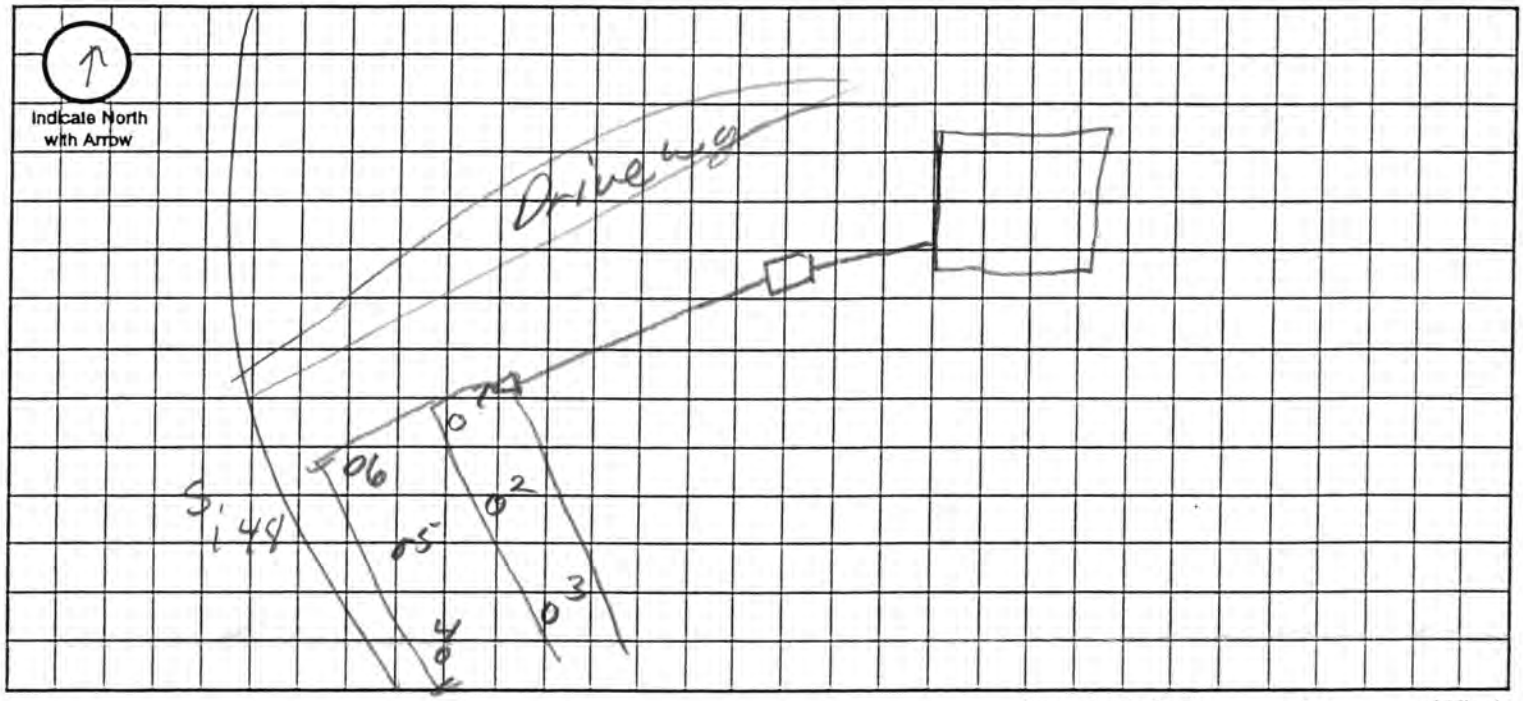
C

Permit Number: 043802898

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) 11950 S. 148 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 40 (min. per inch) Soil Type: JVC 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: _____

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

Total Length of Laterals 275 ft. Number of Trenches 3 Trench Width _____

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 _____ Date 9-16-04

Installer Brad _____ Date 9-14-04

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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10-5-04

System Location (Indicate correct number and street)

Address 11950 S. 148 (no rural route) City Bennet NE, Zip 68317

A. Building Sewer

1. Material: Sch 40 PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 11 in.
3. Distance between dwelling and septic tank: 52 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line > 10 ft.
   property line > 20 ft.

B. Septic Tank

1. Material: Plastic (Snyder Ind)
   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: 7 in.
8. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line > 50 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: 48 ft.

D. Absorption Field

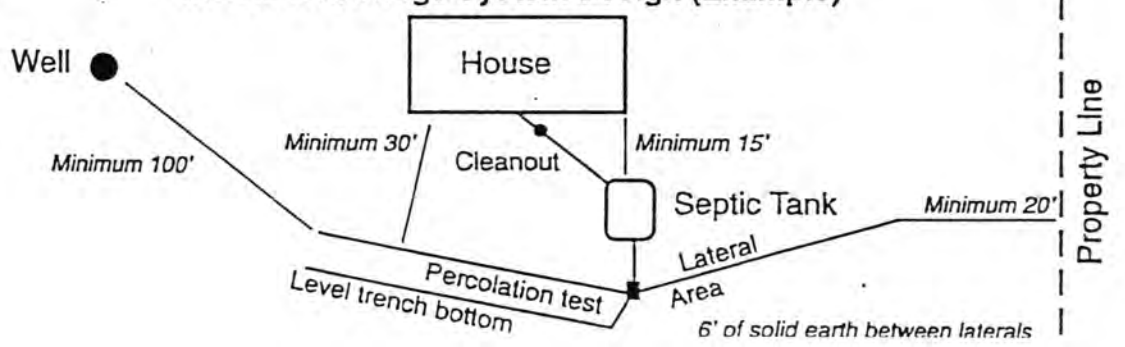
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 36"
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other Infiltrator IT-10
2. Lateral lines: Number 3
   Length of each line: 88 ft. 106 ft.
   81 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 6 in/100 ft.
   Average depth 25 in
4. Filter material: Gravelless
   Depth of material _____ in.
5. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line > 25 ft.
   Property line > 10 ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



As Built Drawing

