Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

007654

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380301601

Issued 05/05/05
Expires 05/05/06
Revenue Code 3157

Establishment

DENNIS D SCHNEIDER
T11N R6E SEC 6 QTR SW
PARCEL 1 LOT 60
NA-RAYMOND

FEES: $200.00

Permittee

DENNIS D SCHNEIDER
5300 W MILL RD
RAYMOND NE 68428

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

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: 05380301601

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 Not yet available (no rural route) City Raymond NE, Zip 68428

Legal Description SW 1/4 6 Section 11N Township 6E Range parcel 1 Subdivision ____ Addition ____ Block 6O Lot

Geographical Location (if known): Longitude ____ Latitude ____

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

B. Owner

Name Dennis Schneider Signature Dennis Schneider

Address 5300 W Mill Rd City/State/Zip Raymond, NE 68428

☐ Check if owner designed system Home Phone 402-783-0226 Work Phone ____

C. Contractor

Name Lloyd Jakoubek Company Name Raymond Contracting, Inc

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

☐ Check if contractor designed system Work Phone 402-890-6009

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

Designer Name Lloyd Jakoubek Firm Raymond Contracting Inc Work Phone 402-890-6009

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 5/5/05 Date frwd 5/5/05 ACTION ☒ Approved ☐ Disapproved Signature Jerrold E. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 4/29/05 Date frwd 4/29/05 ACTION ☒ Approved ☐ Disapproved Signature Everett Uhrig
3. **City or County Engineer** Date rec'd 5/5/05 Date frwd 5/5/05 ACTION ☒ Approved ☐ Disapproved Signature ____

Installation Final Written Approval

By Doug Smith

Date 5/4/07

Business Office Use Only

Date Rec'd 05/05/05

Amt Paid 200.00

Rec'd By ____ ~~Cash~~/Check No. 5732

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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B

Permit Number: 053803016

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

SW 1/4 6-11-6e Lot 60 parcel 1

System Location (Indicate correct number and street)

Address Not yet available (no rural route) City Raymond NE, Zip 68428

Owner Dennis & Barb Schneider Addresss 5300 W Mill Rd Raymond, NE 68428

Soil Type (SCS): Sharpesburg Percolation Rate: 49 min./inch

Date of Tests 11-15-04 to 11-16-04 Weather: Precipitation 0 Temperature 49°

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	23	11-15	11:00a	11-15	3:00p	11-16			11-16		30	1/2	30/0.50 = 60
2	23	"	"	"	"	"			"		30	5/8	30/0.63 = 48
3	21	"	"	"	"	"			"		30	5/8	— Failed
4	20	"	"	"	"	"			"		30	5/8	30/0.63 = 48
5	24	"	"	"	"	"			"		30	3/4	30/0.75 = 40
6	22	"	"	"	"	"			"		30	9/16	30/0.56 = 54
7	20	"	"	"	"	"			"		30	11/16	30/0.69 = 43
8	19	"	"	"	"	"			"		30	1/4	— Failed

Person Conducting Percolation Tests

Name: Terri Jakoubek, Raymond Contracting, Inc.

Phone: 402-783-2663 or 402-890-3870

Address 13800 NW 70th St

Raymond, NE 68428 # P1198

Sum of Percolation Rates: 293

Average of Rates: 49

Rate Used for Calculation: 49

3 Bedroom

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official: Leopold C. Hood R.E.H.S. Date MAY 5, 2005

FORM 23-101 10-96

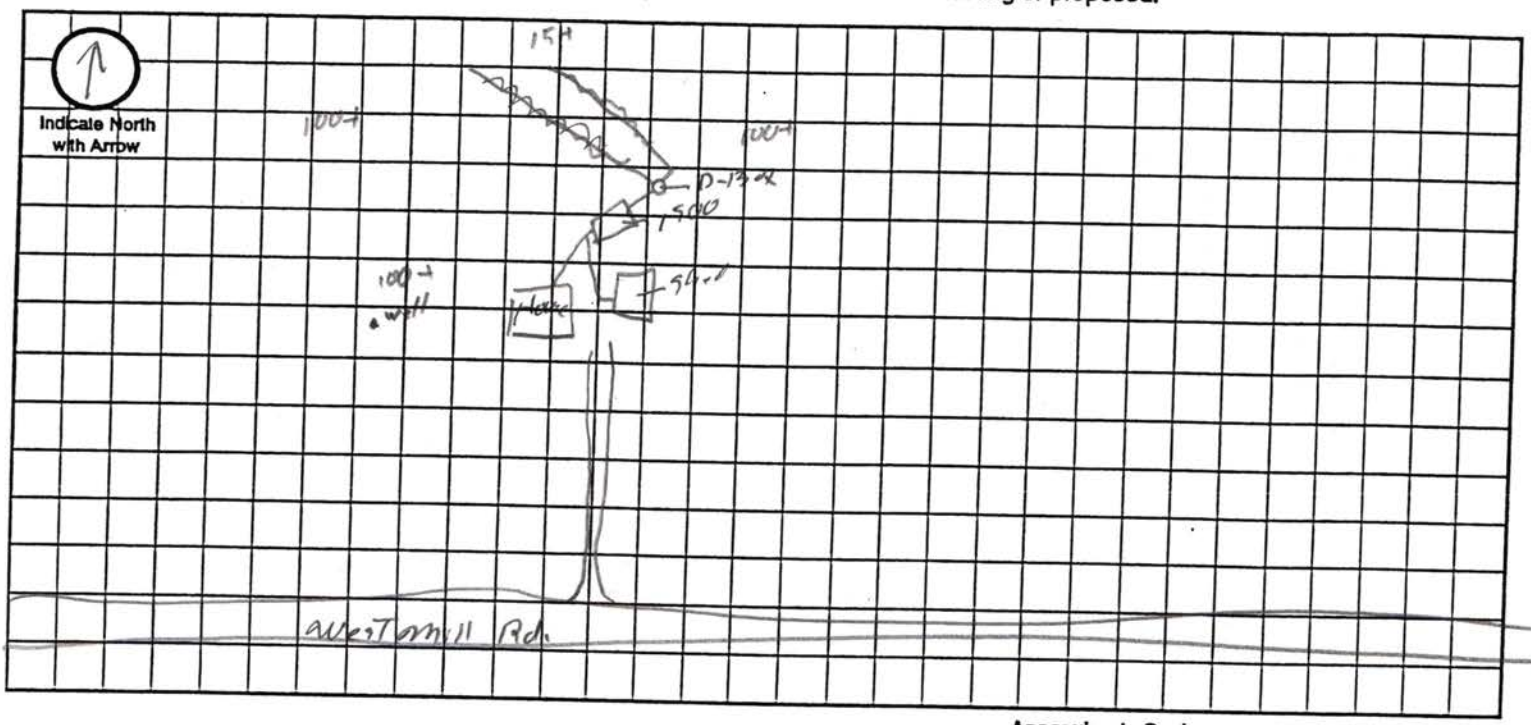
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C

Permit Number: 053803016

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) Not yet available City Raymond NE, Zip 68428

SW ¼ 6-11-6 Lot 60 parcel 1

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 49 (min. per inch) Soil Type: Sharpsburg Land Slope: _____ %

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

Total Square Feet of Field Required: 990 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: Infiltrator H-10

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

Total Length of Laterals 248 ft. Number of Trenches 2 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 Lloyd A Jahnke Date 4/28/05

Installer Lloyd A Jahnke Date 4/28/05

ORM 23-102 10-96

MAY 0 3 2005

D

Permit Number: 053803016

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Sewage Disposal System

As Built Plans & Specifications

Date 4/29/05

Schneider

System Location (Indicate correct number and street)

Address 5300 West Millard ? (no rural route) City Raymond NE, Zip 68428

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: 60" in.
   or distance below basement floor: ——— in.
3. Distance between dwelling and septic tank: 65 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 100+ ft.

B. Septic Tank

1. Material: concrete
   Number of compartments: one
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade At 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 100 ft.
   Pressure line 100 ft.
   Property line 100 ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 8' ft.

D. Absorption Field

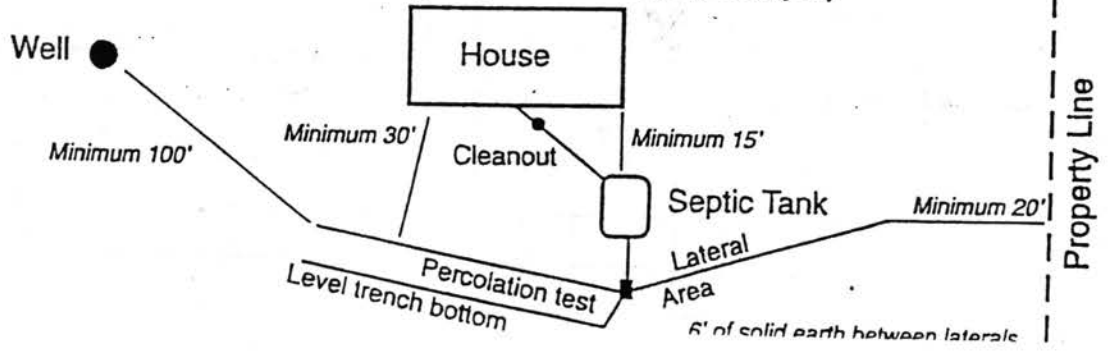
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: H-10 34"W x 12"Tall
   or perforated pipe: ———
   Material: ☒ fiberglass ☐ plastic ☐ concrete
   ☐ other ———
2. Lateral lines: Number 2
   Length of each line: 137 1/2 ft. 112 1/2 ft.
   ——— ft. ——— ft., ——— ft.
3. Trench dimensions: Width 3 ft.
   Slope Flat in/100 ft.
   Average depth 30 in
4. Filter material: Dirt
   Depth of material 30 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 15 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

