LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

3140 "N" STREET
NON TRANSFERABLE

ENVIRONMENTAL HEALTH DIVISION
Lincoln, NE 68510-1514
PERMIT

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

No. 98380191801

Issued 12/17/98
Expires 06/17/99
Revenue Code 3157

FEES: $150.00

PAID

Establishment

MATT RUHLMAN
T8N R6E SEC 17 QTR SE
15661 SW 29 ST-MARTELL

Permittee

MATT RUHLMAN
3721 FAULKNER DR
APT 307
LINCOLN NE 68516

TOTAL $150.00

Issued By Health Director
Lincoln-Lancaster County Health Department

J08389

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 15661 SW 29th (no rural route) City Martell NE, Zip 68404

Legal Description SE 17-8-6
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 Matt Buhlmann Signature Matt Buhlmann

Address 3721 Faulkner #302 City/State/Zip Lincoln NE 68516

☐ Check if owner designed system Home Phone 402 423 9102 Work Phone 402 890-6288

C. Contractor

Name Larry Schwarck Company Name Larry Schwarck Trenching

Address 8200 Old Cheney City/State/Zip Lincoln 68516

☒ Check if contractor designed system Work Phone 489-7714

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 12/17/98 Date frwd 12/17/98 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 12.17.98 Date frwd 12.17.98 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 12-17-98 Date frwd 12-17-98 ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Ron Mayfield

Date 12-23-98

Business Office Use Only

Date Rec'd 12/17/98

Amt Paid $150.00

Rec'd By CW Cash/Check No. 026463

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

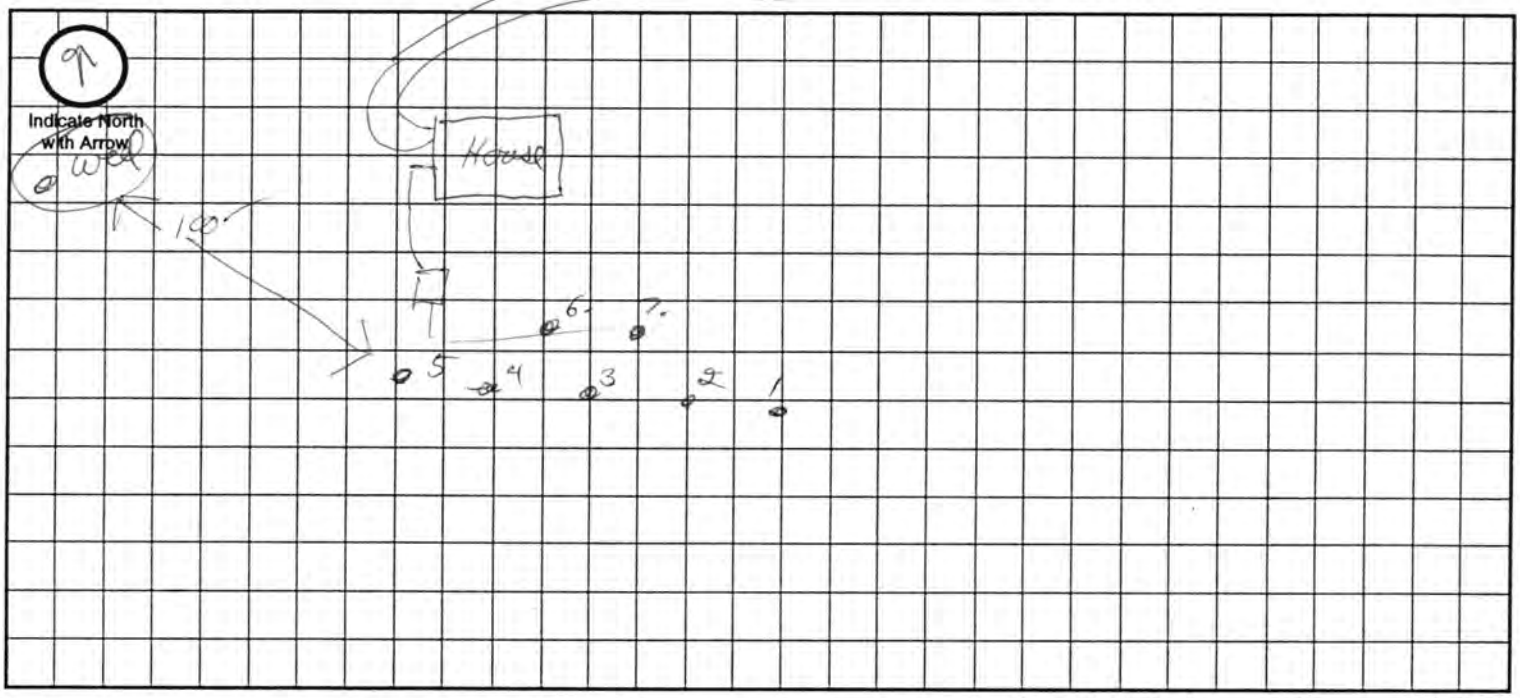
C

Permit Number:

Lot-8 Blk 1
6.76

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) 3111 Ruhlman Cir. 15661 SW 29th City Martell NE, Zip 68404

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 43 (min. per inch) Soil Type: WYMORE S Land Slope: – %

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

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

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

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

Total Length of Laterals 370' 394' ft. Number of Trenches 4 Trench Width 3

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

X Home Building Contractor Mark Ruhlman Date 12-17-98

Installer Larry Schwarck Date 12-16-98

FORM 23-102 10-96

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

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 3411 Ruhlman Cir 15661 (no rural route) SW 29 TR City Martell NE, Zip 68404

X Owner _____ Addresss _____

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

Date of Tests 12-15-98 to 12-16-98 Weather: Precipitation P.C. Dry Temperature 45°

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	12/15	5 PM	12/16	7:50	12-16	10:50	22		11:20	30	3/4	40
2	"							17 1/2				1/2	60
3	"							17				3/4	40
4	"							18 1/4				3/4	40
5	"							20				3/4	40
6	"							17 1/2				3/4	40
7	"							18				3/4	40

Person Conducting Percolation Tests

Name: Larry Schewarch

Phone: 489-7294

Address 8200 Old Cheney Rd.

Sum of Percolation Rates: _____

Average of Rates: _____

Rate Used for Calculation: 43

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood Date DEC E

FORM 23-101 10-96


2 760 000 FEET
385 000 FEET
T. 8 N.
KILDEER
Creek
STATE
SPECIAL
USE
AREA
Wittstruck
(Joins sheet 45)
PaC2
WtC2
BpF
WtB
WtD3
JuC
MeC2
Ke
Co
Cp
Ns
BrD
PaD2
Bw
MhC3
55V
5
8
9
16
17
33
New septic
SW 29th
Hwy # 33

DEC 21 1998

D

Permit Number:

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

Sewage Disposal System

As Built Plans & Specifications

Date 12-18-98

System Location (Indicate correct number and street)

Address Rudkman City NE, Zip

1/4 NW SW 29th & "33" (no rural route)

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: in.
   or distance below basement floor: 14 in.
3. Distance between dwelling and septic tank: 75' 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: Precast
   Number of compartments:
2. Capacity: 1250 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: 8" in.
8. Distances to: Well or suction line ft.
   Stream ft.
   Pressure line ft.
   Property line ft.

C. Distribution Box

1. Material: Precast
   Number available outlets:
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 15' ft.

D. Absorption Field

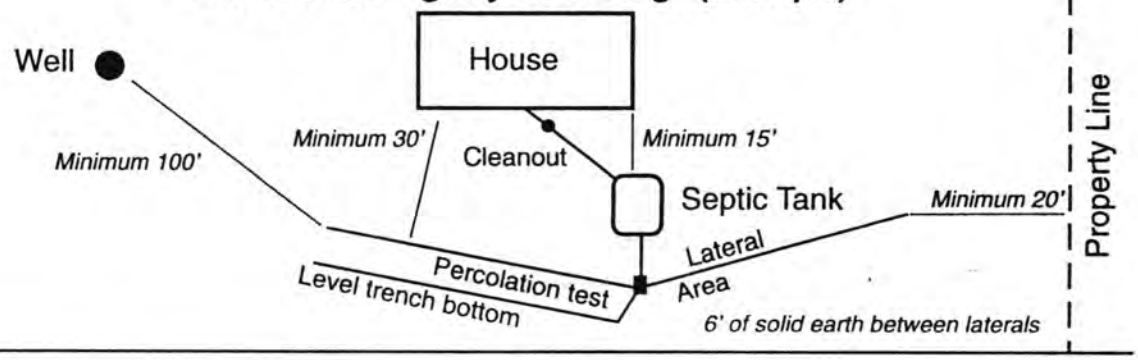
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☒ Perforated pipe
   Diameter of half round:
   or perforated pipe: 4"
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 5
   Length of each line: 100 ft. 100 ft.
   100 ft. 50 ft., 50 ft.
3. Trench dimensions: Width 3 ft.
   Slope 3 in/100 ft.
   Average depth 30 in
4. Filter material: Road Gravel
   Depth of material 15 in.
5. Distances to: Well or suction line ft.
   Stream ft.
   Pressure line ft.
   Property line ft.

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

Indicate North with Arrow

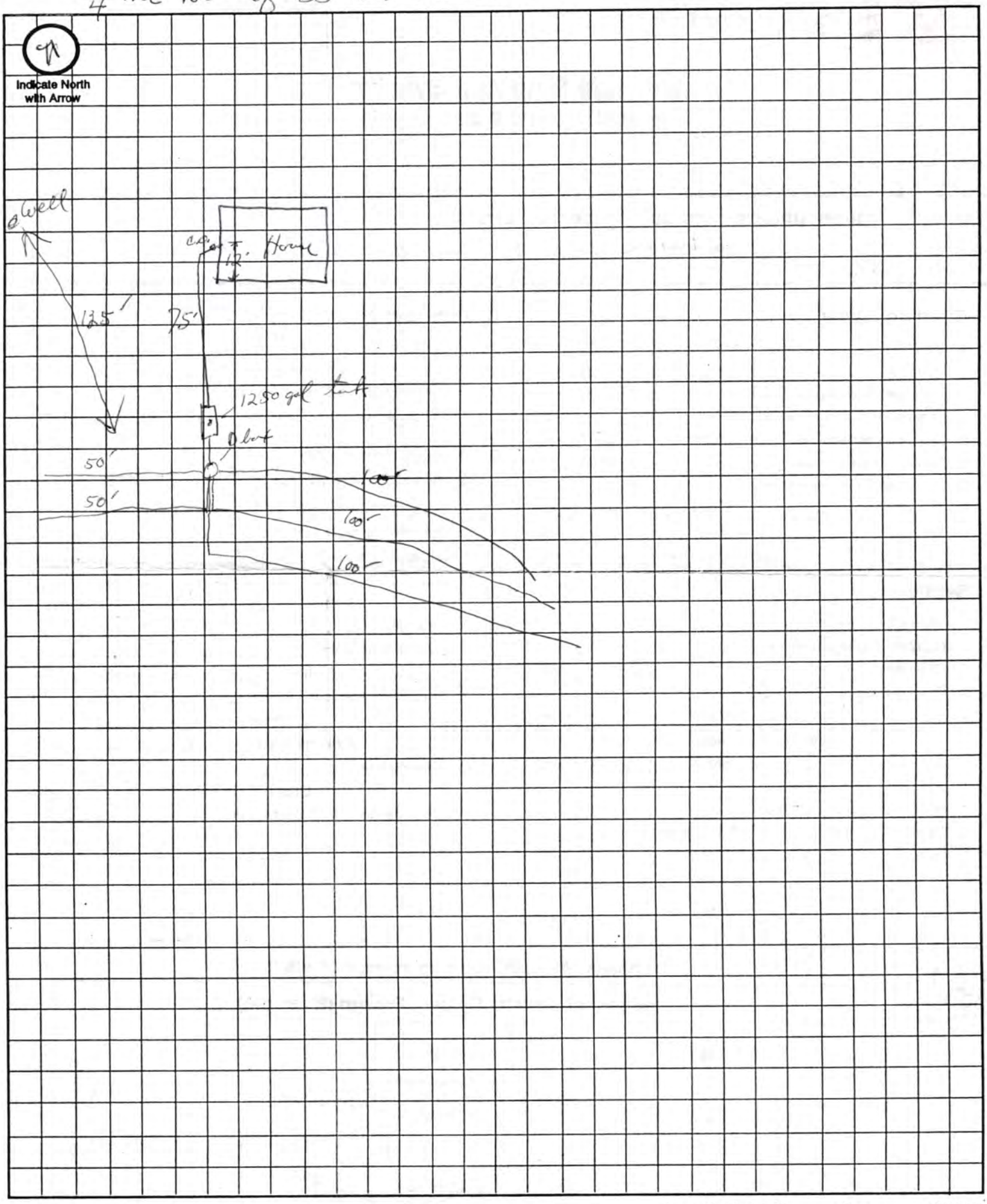
Individual Sewage System Design (Example)



As Built Drawing

by Larry Schwenk for Manzeto Bros. & Matt Richman

1/4 mi No of #33 on SW 29th



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