Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number H5002124

Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 22333 S 115TH St (no rural route) City HICKMAN NE Zip 68372

Legal Description ____ 07 07 08 VANDERVIEW RIDGE 1 2
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 2-0072010012000 *Approx. Address (If to be determined) ____

B. Owner

Name PRAIRIE HOMES BUILDERS INC Signature ____

Address 2045 S. FOLSOM ST STE A City/State/Zip LINCOLN NE 68522

Home Phone ____ Work Phone ____

C. Certified Installer

Name: JAYNE BUUS - NEBRASKA RURAL SEPTIC Signature ____

Address 6770 WAVERLY RD City/State/Zip LINCOLN, NE 68517

Work Phone 402-430-8380

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number: ____

Designer Name ____ Firm ____ Work Phone ____

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 5 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.01
Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify ____ Design flow in gallons per day 600GPD

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department
Site visits ____ Date rec'd ____ ACTION ☐ Approved ☐ Disapproved
Date frwd ____ Signature ____
Comments ____

2. Supt. Bldg. Insp. or Village Clerk
Comments ____ Date rec'd ____ ACTION ☐ Approved ☐ Disapproved
Date frwd ____ Signature ____

3. City or County Engineer
Comments ____ Date rec'd ____ ACTION ☐ Approved ☐ Disapproved
Date frwd ____ Signature ____

Installation Final Written Approval
By ____
Date ____

Business Office Use Only
Date Received 10-27-20 Amount Paid $440.00
Received By JAO Cash/Check No CC4833

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 4/15

Nebraska DEQ

Onsite Wastewater Treatment System
Soil Percolation Test Data Sheet

Owner Name Kris Kratz & Jessica Nelson Phone

Address 22333 S. 115th St Hickman City NE State 68372 Zip

Location (Attach a sketch of the property showing test hole locations)

__ __ 07 Section 07 Township 08 Range Lancaster County

Lot # 2 Subdivision Block 1 Vanderview Ridge

Soil Type (Check one)

Sand ____ Silt ____ Clay ____ Sandy Clay ____ Loamy Sand ____ Silty Clay ____

Silty Clay Loam (w/ more) ✓ Sandy Loam ____ Silt Loam ____

Dates of Test

Start Date 10/23 to End Date 10/24, 2020

Weather Conditions

Precipitation N/A Avg. Temp 38 °F

Percolation Test Measurements and Data

Hole No.	Hole Depth (in.)	Pre-saturation Period: Start Date (Mo./Day)	Pre-saturation Period: Start Time (Hr./Min)	Pre-saturation Period: End Date (Mo./Day)	Pre-saturation Period: End Time (Hr./Min)	Percolation Readings (last period): Start Date (Mo./Day)	Percolation Readings (last period): Start Time (Hr./Min)	Percolation Readings (last period): Start Water Level (inch)	Percolation Readings (last period): End Time (Hr./Min)	Percolation Readings (last period): End Water Level Drop (inch)	Results: Elapsed Time (minutes)	Results: Drop in Water Level (inches)	Results: Percolation Rate (min./in.) (Minutes per inch)
1	35"	10/23	4:00p	10/24	11:57	10/24	11:58	12 1/16"	12:28	11 9/16"	30	1/2"	60
2	36"	↓	↓	↓	11:58	↓	11:58	11 13/16"	12:28	11 5/16"	30	5/8"	48
3	35"	↓	↓	↓	11:59	↓	11:59	12 1/8"	12:29	11 5/8"	30	1/2"	60

Tests must be performed by a certified professional, a professional engineer or a registered environmental health specialist.

Signature Taylor Buss

Certificate or License # 2655

Address 8770 Waverly Rd

City Lincoln St NE Zip 68517

Phone 402-430-8350

Sum of Percolation Rates = 168

Avg. of Percolation Rates* = (sum of rates ÷ number of tests) (minutes per inch) 56

* If rates vary by more than 20 min/in., do not average. Use slowest rate measured for sizing soil absorption area.

Version 9-2014

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln, NE 68510-1814
Phone: 402-441-8022

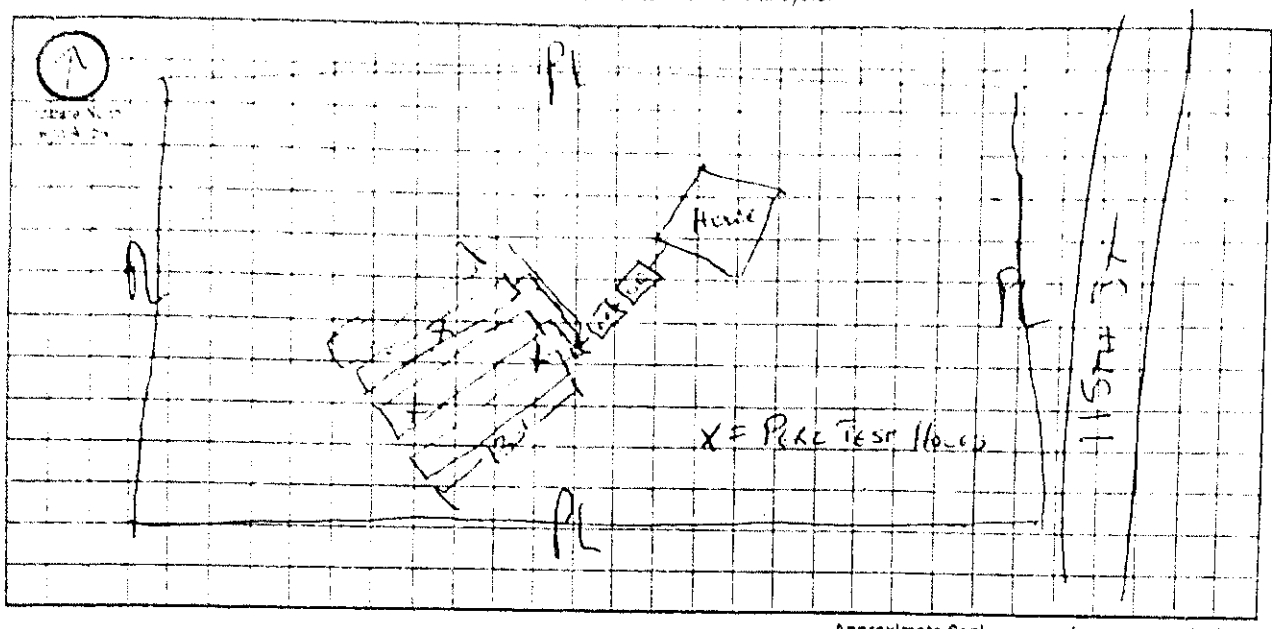
C

Permit Number

Onsite Wastewater Treatment System

Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop or distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of ground/water flow, property lines, and reserve area for replacement onsite system.



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

A. Onsite System Location

Address (no rural route) 22333 S 115th St City Hickman NE, Zip 68372

B. Proposed Septic Tank/s

Septic Tank Cap 2000 gals Tank Material: ☐ Concrete ☒ Plastic ☐ Other_____ ☐ Lagoon(Max seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☒ Drainfield Absorption Area (percolation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate 56 (min/inch = mpi) No. of Bedrooms 5 Soil Type Wymore Silty Clay Loam Land Slope ~10 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved) Total Square feet of drainfield_____sq.ft.

Total Length of laterals 370' Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☒ Other EZ Flow 36"

No. of absorption trenches 34 Width 4.5' No. of drop boxes 1 Distribution Box_____

No. of absorption beds_____ Width_____ No of Distribution lines per bed_____

E. 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 ☐	☐

F. Required Signatures

Home Building Contractor Prairie Homes Builders Date _____

Installer Taylor Bros. Nebraska Rural Septic Date 10/26/2020

Onsite Form C 12_06

SITE PLAN

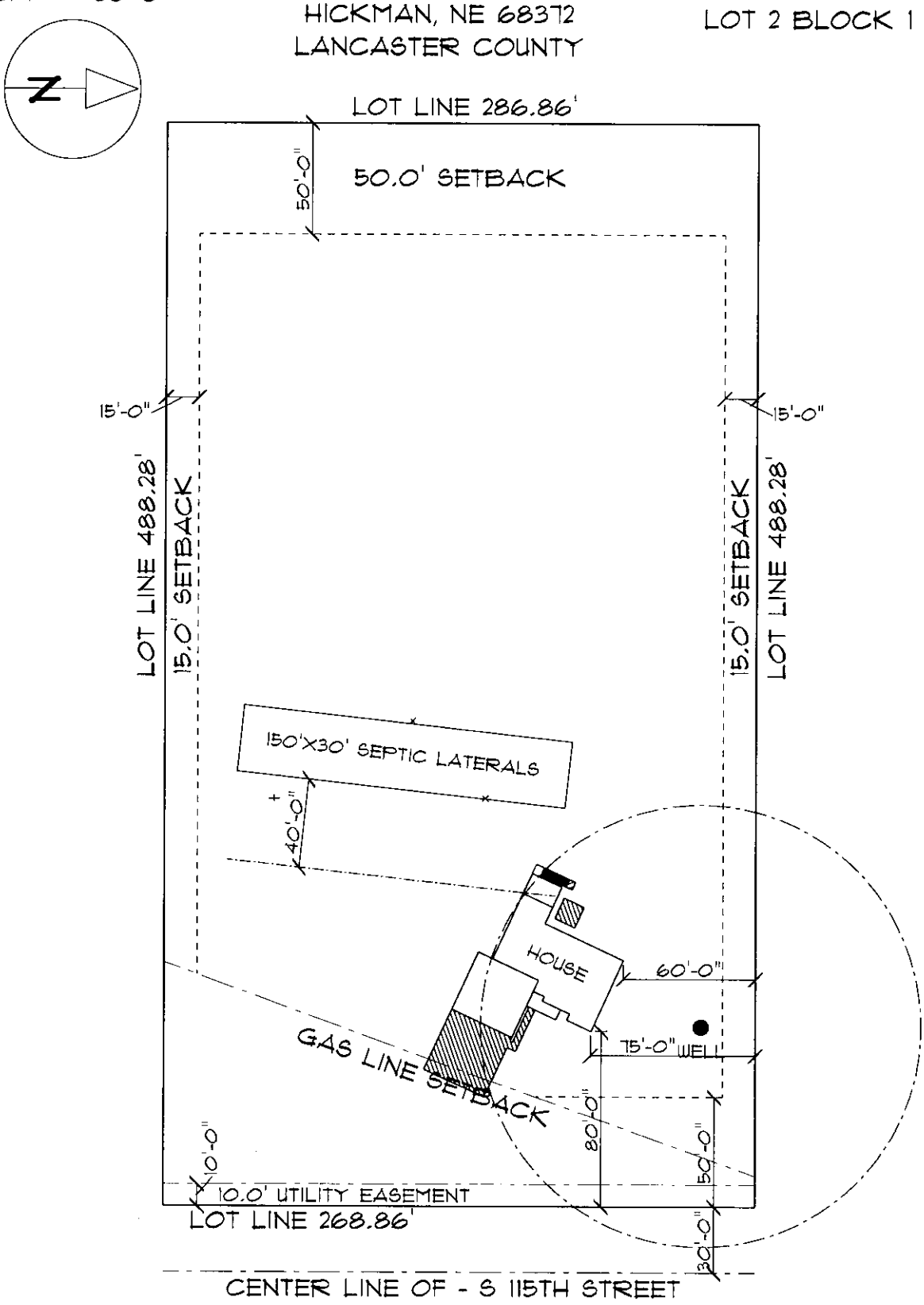
3/4" = 50'-0"

ADDRESS

22333 S 115TH STREET
HICKMAN, NE 68372
LANCASTER COUNTY

LEGAL DESCRIPTION

VANDERVIEW RIDGE
LOT 2 BLOCK 1



Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS002124

System Type: Standard

Situs: No Site Address Specified

Issued: 11/3/2020

Expires: 11/3/2021

Description: VANDERVIEW RIDGE ADDITION, BLOCK 1, Lot 2

Owner: PRAIRIE HOME BUILDERS INC
2045 S FOLSOM ST STE A
LINCOLN, NE 68522

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, Interim Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
Health Director

NEBRASKA RURAL SEPTIC
8770 WAVERLY RD
LINCOLN, NE 68517