# Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

000497

(402) 441-8000

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380260801

Issued 03/31/03
Expires 10/01/03
Revenue Code 3157

Establishment
PRAIRIE HOME BUILDERS INC
T9N R5E SEC 13
LOT 3IT
6201 SW 56 ST-DENTON

FEES: $200.00

Permittee
PRAIRIE HOME BUILDERS INC
2045 S FOLSOM ST
LINCOLN NE 68522-4891

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

**A**

Permit Number: 03380260801

# 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 6201 S.W. 56TH ST. (no rural route) City DENTON NE, Zip 68339

Legal Description 1/4 1/4 Section 13 Township 9N Range 5E Subdivision LOT 3 IT. 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 PRAIRIE HOME BUILDERS INC. Signature Rob Champoux

Address 2045 S FOLSOM City/State/Zip LINCOLN, NE / 68522

☒ Check if owner designed system Home Phone 421-6680 Work Phone 476-6599 EXT 101

### C. Contractor ROB CHAMPOUX

Name PRAIRIE HOME BUILDERS Company Name PRAIRIE HOME BUILDERS INC.

Address 2045 S. FOLSOM City/State/Zip LINCOLN, NE, 68522

☒ Check if contractor designed system Work Phone 476-6599 EXT. 101

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

Designer Name Gordon Yuko Firm G+A Backhoe Service Work Phone (402) 450-2409

### 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 3/31/03 Date frwd 3/31/03 ACTION ☒ Approved ☐ Disapproved Signature Gerald C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 3/31/03 Date frwd 3/31/03 ACTION ☒ Approved ☐ Disapproved Signature Gale Ng
3. **City or County Engineer** Date rec'd 3/31/03 Date frwd 3/31/03 ACTION ☒ Approved ☐ Disapproved Signature Lesson Baker

5/15 tank + lateral – need drawn d.s

### Installation Final Written Approval

By Doug Made

Date 7/7/03

***Business Office Use Only***

Date Rec'd 03/31/03

Amt Paid 200.00

Rec'd By _____ Cash/Check No. 16015

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

SW 56TH & OLD CHENEY RD.

B

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

Permit Number: 033802608

# Sewage Disposal System

## Soil Absorption Test Data Report
## Annex to Application

PLEASE PRINT OR TYPE

### System Location (Indicate correct number and street)

Address 6201 SoW. 56TH ST. (no rural route) City DENTON NE, Zip 68339

Owner Prairie Homes Addresss SW56th & Old Cheney (Corner)

Soil Type (SCS): Clay Loam SHARPSBURG SILTY CLAY LOAM Percolation Rate: 24.47 min./inch

Date of Tests 11-14-02 to 11-15-02 Weather: Precipitation - 0 - Temperature 50-60

## 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 | 11-14 | 4:00 | 11-14 | 8:00 | 11-15 | 4:00 | 6" | 11-15 | 8:00 | 30m | 1 1/8 | 26.66 |
| 2 | " | " | " | " | " | " | " | " | " | " | " | 1 1/8 | 26.66 |
| 3 | " | " | " | " | " | " | " | " | " | " | " | 1 1/2 | 20. |
| 4 | " | " | " | " | " | " | "Water" Way | | | | | — | |
| 5 | " | " | " | " | " | " | " | " | " | " | " | 1 1/4 | 24. |
| 6 | " | " | " | " | " | " | " | " | " | " | " | 1 1/4 | 24. |
| 7 | " | " | " | " | " | " | " | " | " | " | " | 1 | 30. |
| 8 | " | " | " | " | " | " | " | " | " | " | " | 1 1/2 | 20. |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Sum of Percolation Rates: ~~171.32~~ 171.32
Average of Rates: 24.47
Rate Used for Calculation: 24.47

### Person Conducting Percolation Tests

Name: Phil Nolley
Phone: 402-304-4296
Address 6005 West H Lincoln, NE 68532

DO NOT WRITE BELOW THIS LINE

### Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date MARCH 31, 2003

FORM 23-101 10-96

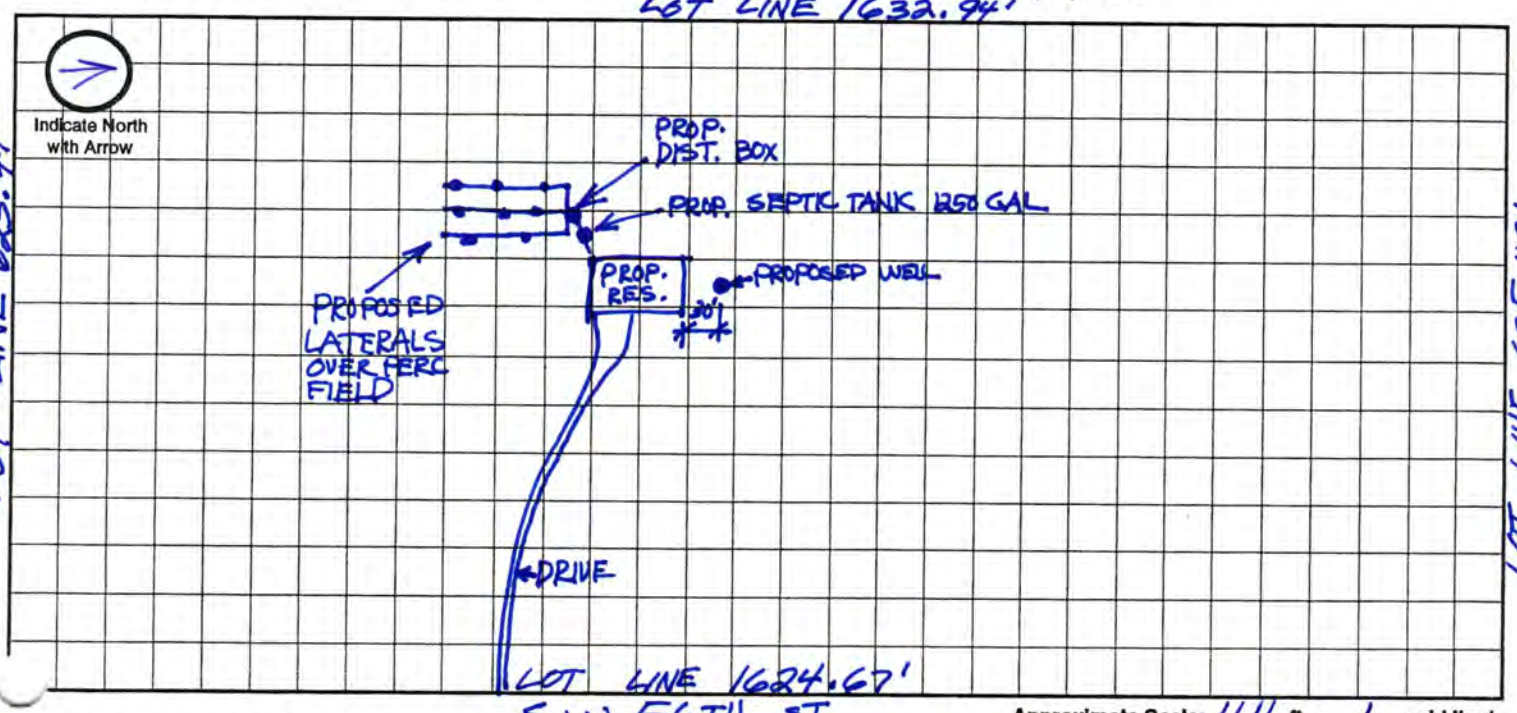
**Lincoln-Lancaster County Health Department**
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**C**

Permit Number: 033802608

# 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: 44 ft. = 1 grid line/s

## A. System Location (Indicate correct number and street)

Address (no rural route) 6201 S.W. 56TH ST. City DENTON NE, Zip 68339

## B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 24 (min. per inch) Soil Type: ? CAY LOAM Land Slope: 2 %

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

Total Square Feet of Field Required: 750 sq. ft.

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

Capacity of Septic Tank 1250 gals Number of Absorption Beds: 1 Number of Distribution Laterals per Bed 3

Total Length of Laterals 188 ft. Number of Trenches 3 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 Prairie Home Builders Date 3-26-03

Installer Gordon Lukes G&A Backhoe Service Date 3-27-03

FORM 23-102 10-96

# G & A

## BACKHOE SERVICE

Gordon Lukes - Owner/Operator
2319 South 214th Street
Eagle, NE 68347-1995
Bus. (402) 781-2400
Cell. (402) 450-2409
Fax. (402) 781-2411

06/25/03

To Doug Smith,
This is the as built drawing for 6201 South West 56th Street for Prairie Homes Construction.
1500 Gallon concrete septic tank with Infiltrator standard H10 laterals

