# Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

009699

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Establishment: JUSTIN & LORI BAUER
T8N R6E SEC 25
DEERTRAIL ADDN 1ST LOT 2
1530 DEER TRAIL RD

Permittee: JUSTIN & LORI BAUER
3931 LEESBURG ST
LINCOLN NE 68516

Permit # 06380327401

Issued 11/02/06
Expires 11/02/07
Revenue Code 3157

FEES: $290.00

TOTAL: $290.00

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

OCT 2 4 2006

A

Permit Number: 06380327401

# 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 1530 Deer Trail (no rural route) City Lincoln NE, Zip 68430

Legal Description LOR 5889 — 25 (1/4) 8N (1/4 Section) 6E (Township Range) Deer Trail Addition 1st (Subdivision) (Addition) 2 (Block) (Lot)

Geographical Location (if known): Longitude _____ Latitude _____

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

### B. Owner

NCR 71572

Name Justin + Lori Bauer Signature Justin Bauer Lori Bauer

Address 3931 Leesburg St. City/State/Zip Lincoln, NE 68516

☐ Check if owner designed system Home Phone 440-5021 Work Phone 323-1620

### C. Contractor

Name Lloyd Jakoubek Company Name Raymond Contracting Inc.

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

☐ Check if contractor designed system Work Phone 783-2663 - C-890-6009

### 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 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 11/2/06<br>Date frwd 11/2/06 | ACTION ☒ Approved ☐ Disapproved<br>Signature | |
| 2. Supt. Bldg. Insp. or Village Clerk | Date rec'd 11/2/06<br>Date frwd 11/2/06 | ACTION ☒ Approved ☐ Disapproved<br>Signature | |
| 3. City or County Engineer | Date rec'd 11-2-06<br>Date frwd 11-2-06 | ACTION ☒ Approved ☐ Disapproved<br>Signature Jim Blaugh | |

## Installation Final Written Approval

By Doug Lamb

Date 5/31/07

**Business Office Use Only**

Date Rec'd 11/02/06

Amt Paid 275.00 CK# 6289

Rec'd By CLW Cash/Check No. TH

11-2-06 15.00 CK # 6292

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

B

Permit Number: 0638 03274

# Sewage Disposal System

## Soil Absorption Test Data Report

## Annex to Application

PLEASE PRINT OR TYPE

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

Address 1530 Deer Trail Rd. City _____ NE, Zip _____
(no rural route)

Owner _____ Addresss _____

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

Date of Tests 10-11 to 10-12 Weather: Precipitation Drizzling Temperature 40°

### 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) |
| 2 | 30" | 10/11 | 800am | 10/11 | 1200pm | 10/12 | 8:00am | 6" | 10/12 | | 30 | 1" | 30 |
| 3 | 42" | | | | | | | 6" | | | | 1/2" | 60 |
| 7 | | | | | | | | 6" | | | | 1/2" | 60 |
| 8 | | | | | | | | 6" | | | | 5/8" | 48 |
| 9 | | | | | | | | 6" | | | | 3/4" | 40 |
| 12 | | | | | | | | 6" | | | | 1" | 30 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Sum of Percolation Rates: 214
Average of Rates: 36
Rate Used for Calculation: 60

### 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 ~~#C1198~~ #C1197

DO NOT WRITE BELOW THIS LINE

### Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

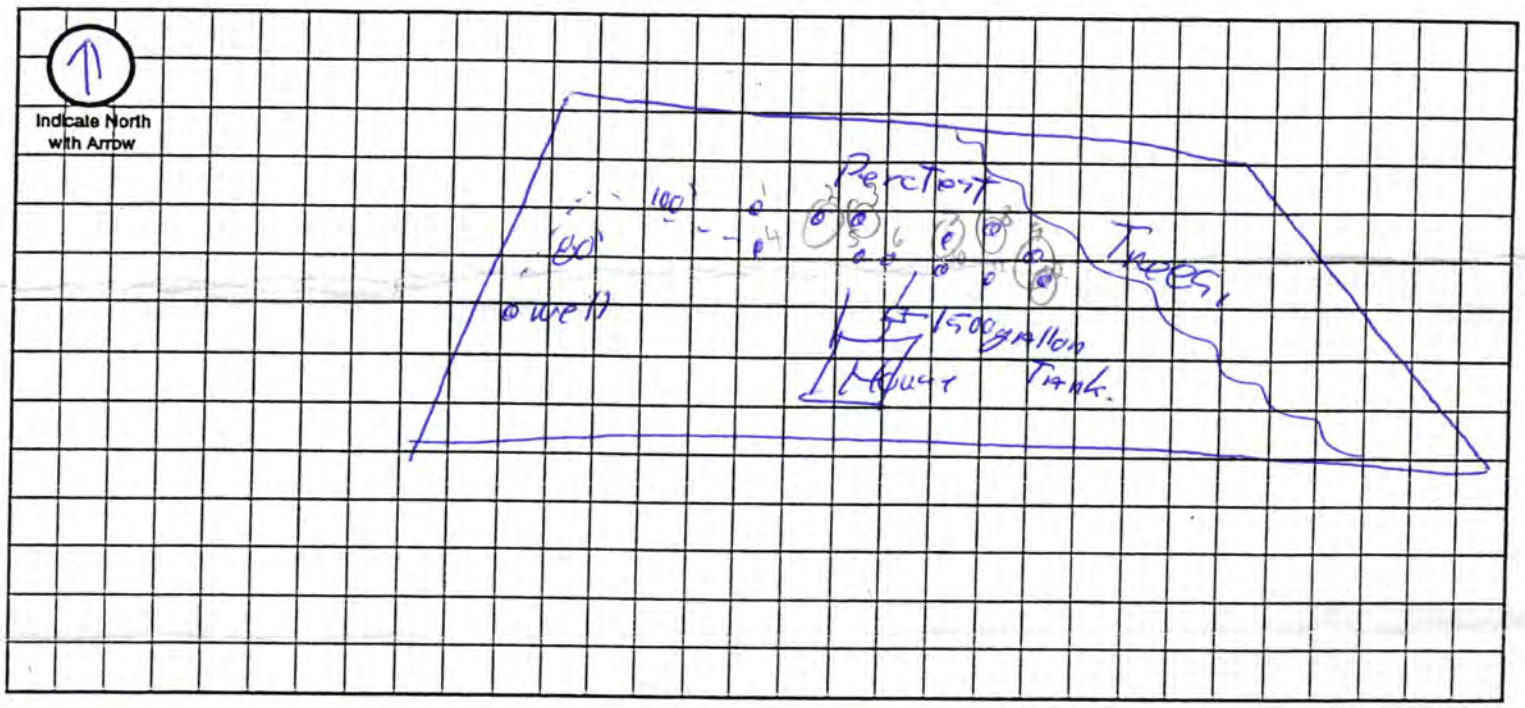
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 063803274

# 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) 1530 Deer Trail City ~~Rural~~ Lincoln NE, Zip 68430

## B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 60 (min. per inch) Soil Type: _____ Land Slope: _____ %

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

Total Square Feet of Field Required: 1400 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 350 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

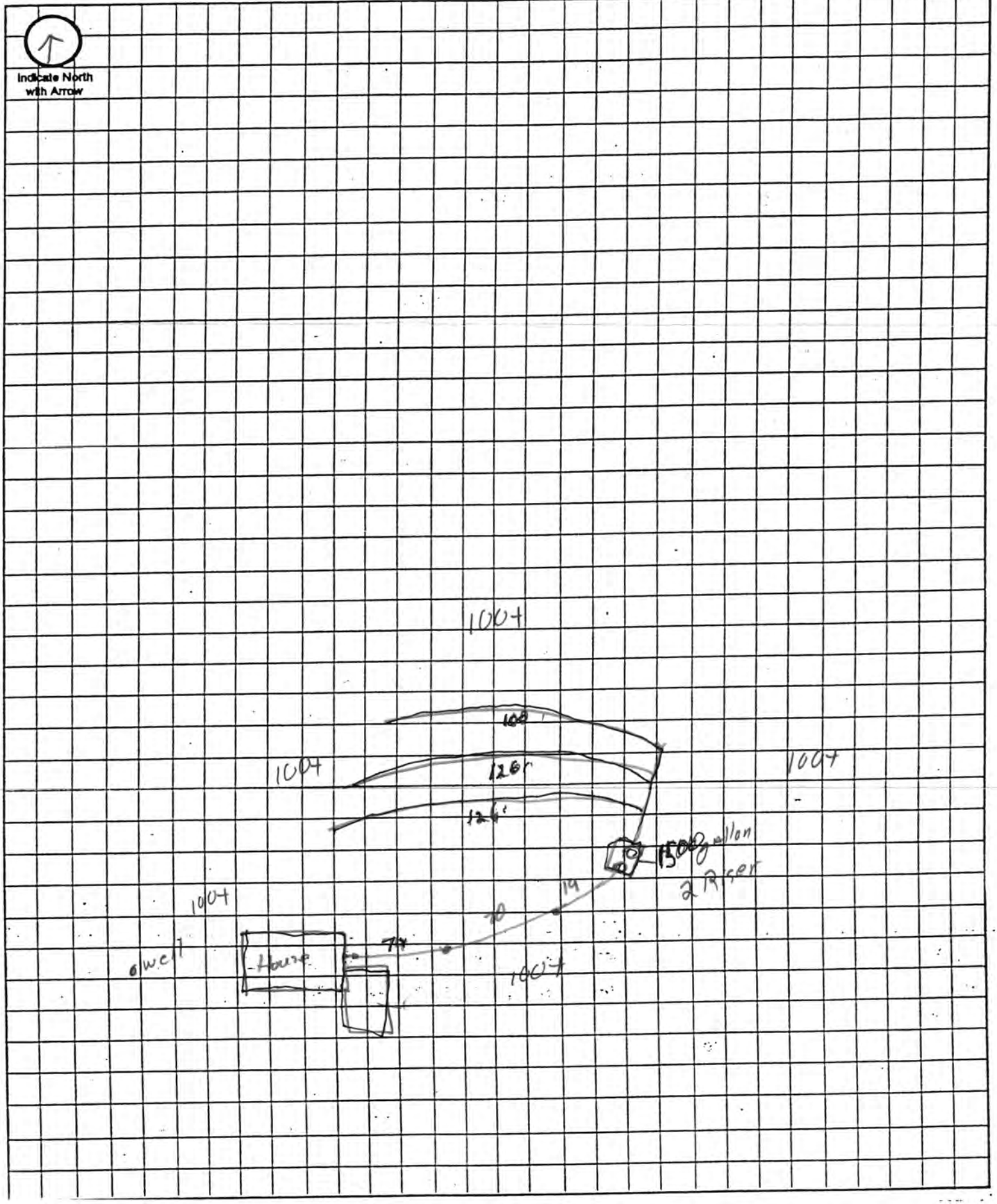
Home Building Contractor Willow Creek Construction, Inc Date 10/19/2006

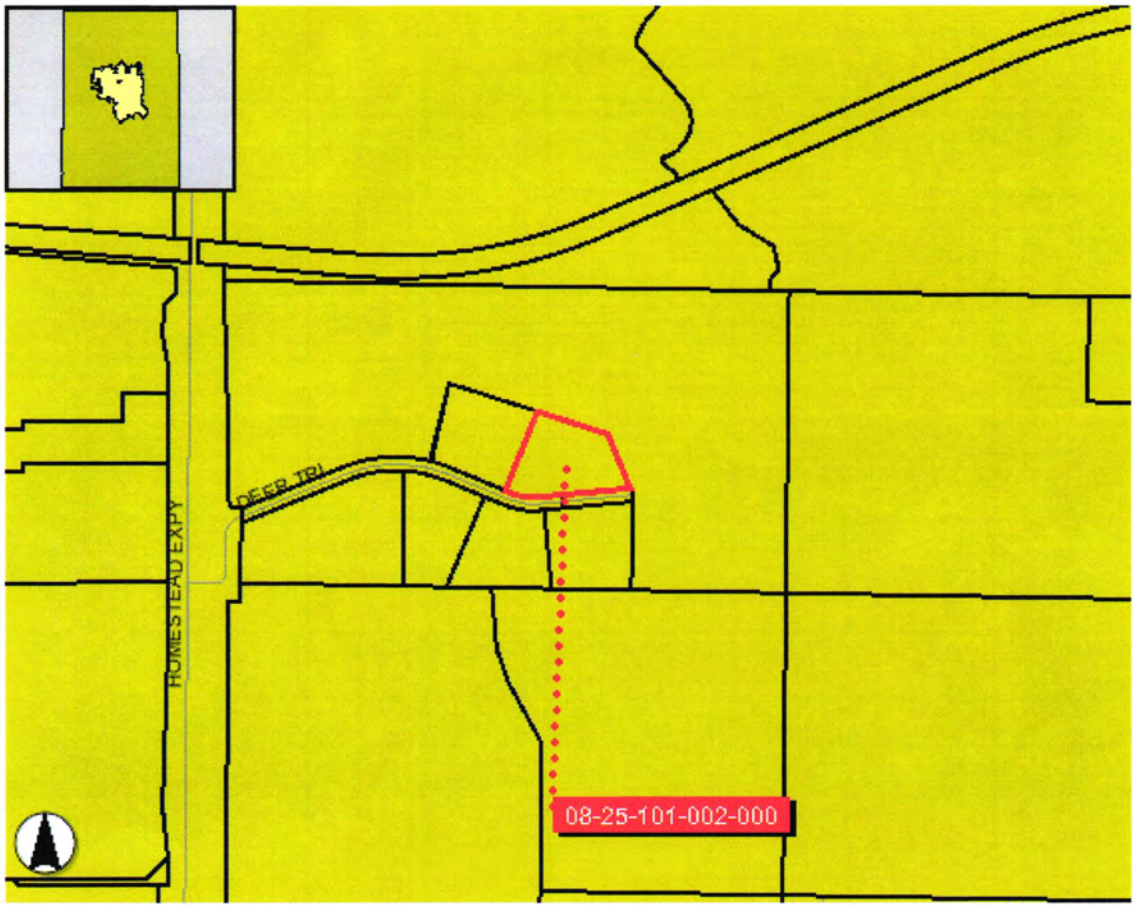
Installer Randy Edwards Date 10/11/06.

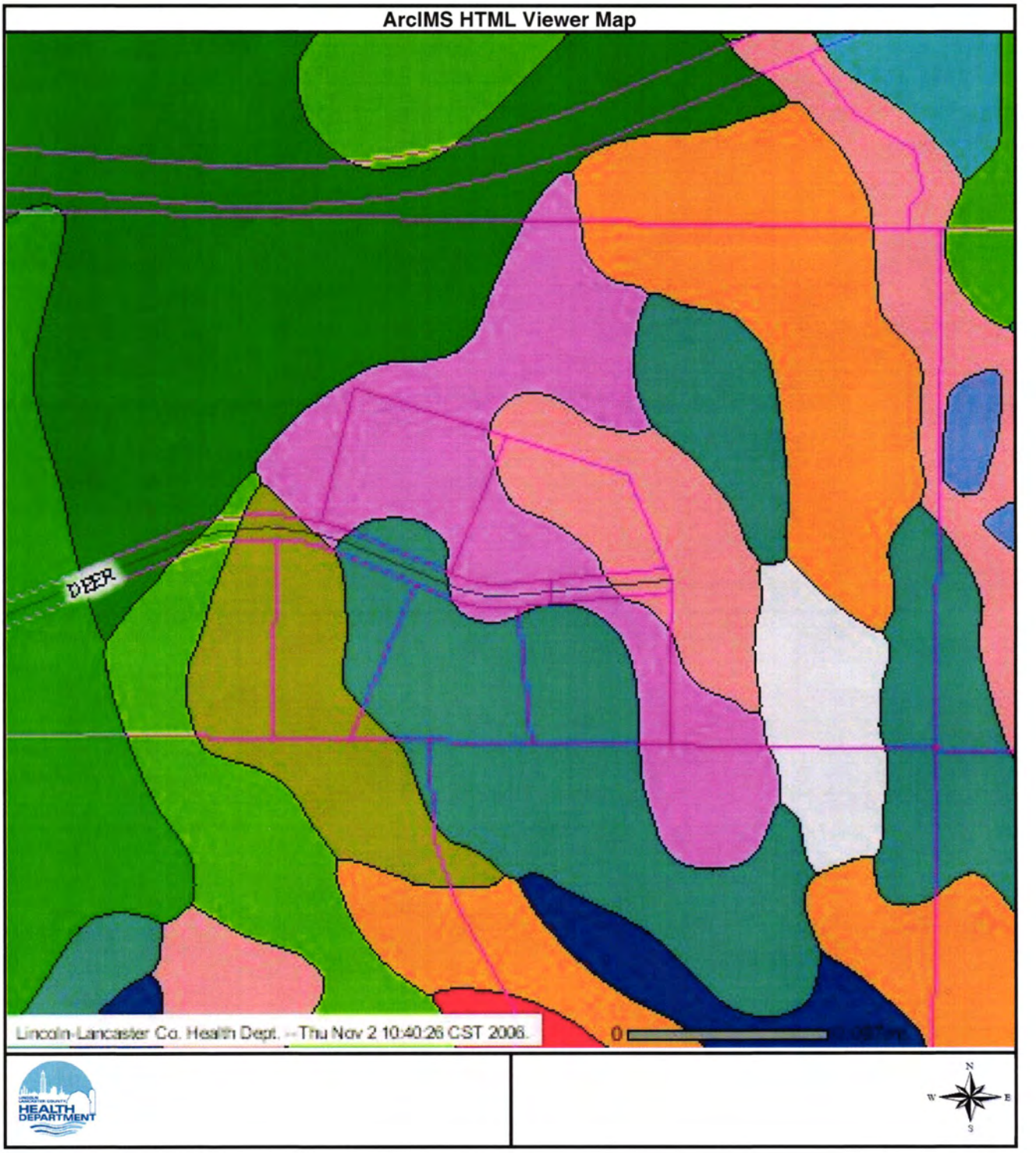
FORM 23-102 10-96

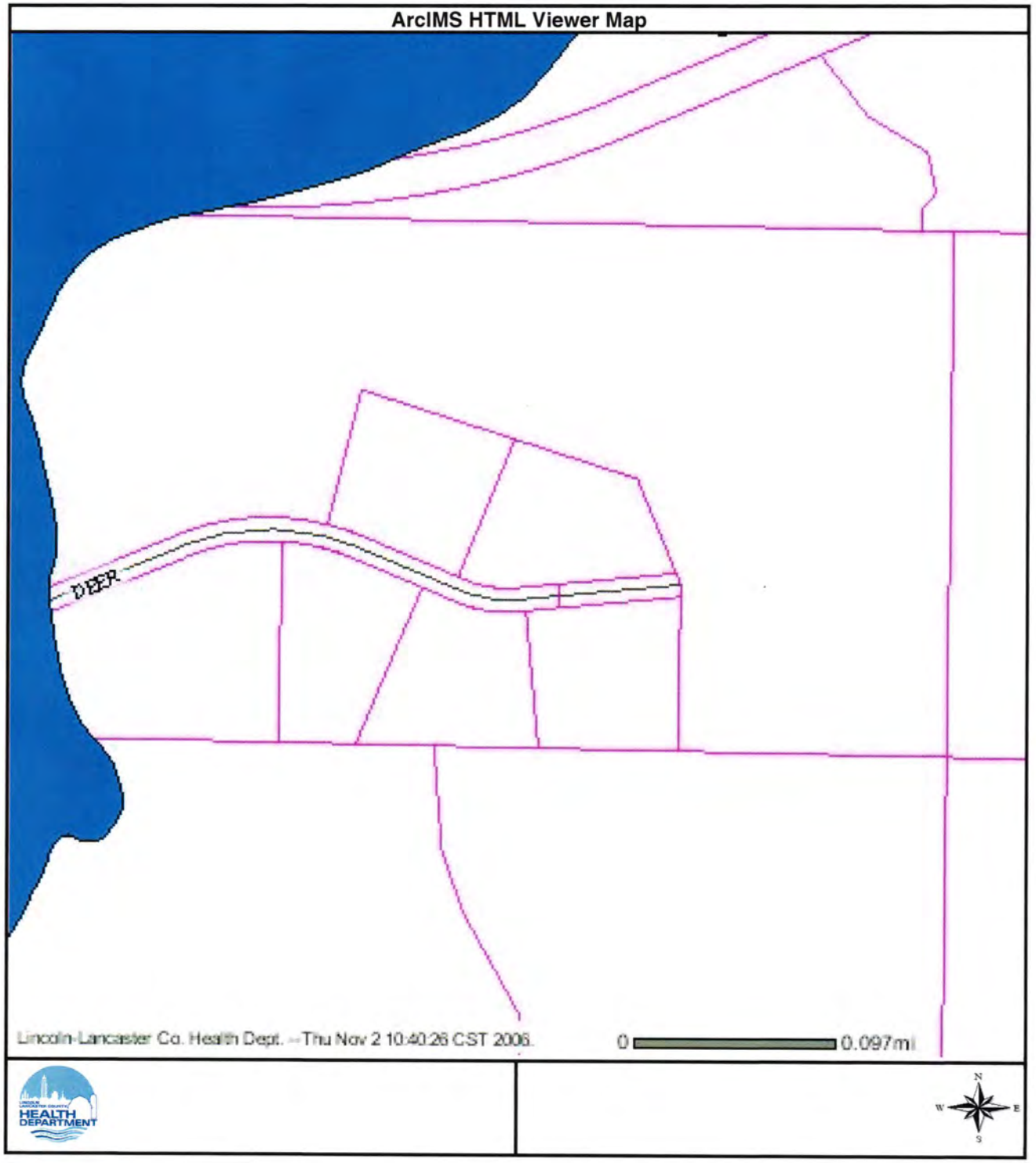
# As Built Drawing

1530 Deer Trail




HOMESTEAD EXPY
DEER TRL
08-25-101-002-000


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

Permit Number:

# Sewage Disposal System

## As Built Plans & Specifications

Date 5-31-07

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

Address 1530 Deer Trail (no rural route) City Roca NE, Zip 68430

### 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 167 ft.
4. Number of clean-outs: 3
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: ____ 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: 20 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: End caps.
   Number available outlets: 6
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: Quick 4 12" Tall x 24" wide.
   or perforated pipe: ____
   Material: ☑ fiberglass ☑ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 352
   Length of each line: 126 ft. 126 ft.
   100 ft. ____ ft., ____ ft.
3. Trench dimensions: Width 4' ft.
   Slope FLAT in/100 ft.
   Average depth 36 in
4. Filter material: DIRT
   Depth of material 36 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

Indicate North with Arrow

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

**Individual Sewage System Design (Example)**

