Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

007750

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380303101

Issued 05/25/05
Expires 05/26/06
Revenue Code 3157

Establishment

KENNETH R LUEDTKE
T9N R7E SEC 33
HURST-1ST ADDITION LOT 2
10140 S 56 ST

FEES: $200.00

Permittee

KENNETH R LUEDTKE
10140 S 56 ST
LINCOLN NE 68516-9500

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

RECEIVED
MAY 25 2005

A

Permit Number: 05380303/01

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 10140 So. 56th St. (no rural route) City Lincoln NE, Zip 68516-9500

Legal Description NW 1/4 33 1/4 Section 9N Township 7E Range Hurst Subdivision First Addition 2 Block Lot

Geographical Location (if known): Longitude 6 PM Latitude

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

B. Owner

Name Kenneth R. + Sandra K. Luedke Signature Kenneth R. Luedke Sandra K. Luedke

Address 10140 South 56th St. City/State/Zip Lincoln NE 68516

☐ Check if owner designed system Home Phone 421-0101 Work Phone —

C. Contractor

Name Kenneth R. Luedke Company Name Kenneth R. Luedke

Address 10140 So. 56th St. ~~Lincoln,~~ City/State/Zip Lincoln, NE. 68516-9500

☐ Check if contractor designed system Work Phone 402-421-0101

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 5/25/05 Date frwd 5/26/05 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5-26-05 Date frwd 5-26-05 **ACTION** ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 5-26-05 Date frwd 5-26-05 **ACTION** ☒ Approved ☐ Disapproved Signature Jim Blouzek

~~5/23/05 NEED DRAWING. J.C.H.~~

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date AUGUST 30, 2005

Business Office Use Only

Date Rec'd 05/25/05
Amt Paid 200.00
Rec'd By Cash/Check No. 1019

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: 05380303 1

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 10140 South 54th St. (no rural route) City Lincoln NE, Zip 68514

Owner Kenneth R. + Sandra K. Luedke Addresss 10140 S. 54th St Lincoln, Ne. 68514

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

Date of Tests _____ to _____ Weather: Precipitation _____ Temperature _____

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	34	5/23	7:30	5/24	7:45	5/24	10:30	23 3/4	5/24	11:00	30	3/4	40
2			P		A		A	12		AM		1/2	60
3								18 3/8				1/2	60
4								11 7/8				1/2	60
5								14 1/4				5/8	48
6								10 3/8				7/8	34
7								11 3/4				1/2	60
8								14 3/4				5/8	48

Sum of Percolation Rates: 410

Average of Rates: 52

Rate Used for Calculation: 60

Person Conducting Percolation Tests

Name: Brad Southwest

Phone: 475-2462

Address 17201 So 72nd st Hickman, Ne 68372

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

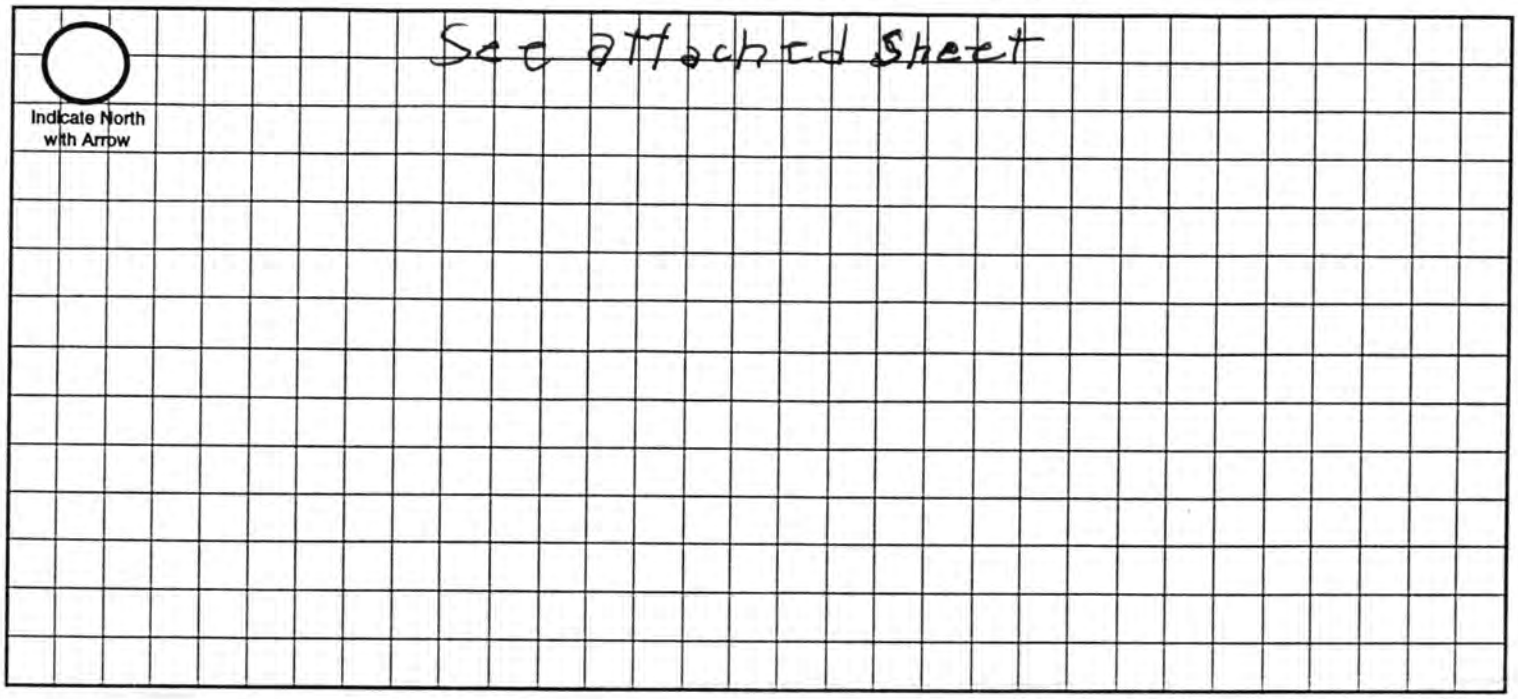
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 053803031

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) 1040 South 56th St. City Lincoln NE, Zip 68514

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: WTC Land Slope: _____ %

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

Total Square Feet of Field Required: 1075 sq. ft.

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

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 275 ft. Number of Trenches 3 Trench Width 3 (H-10 Infiltrator)

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

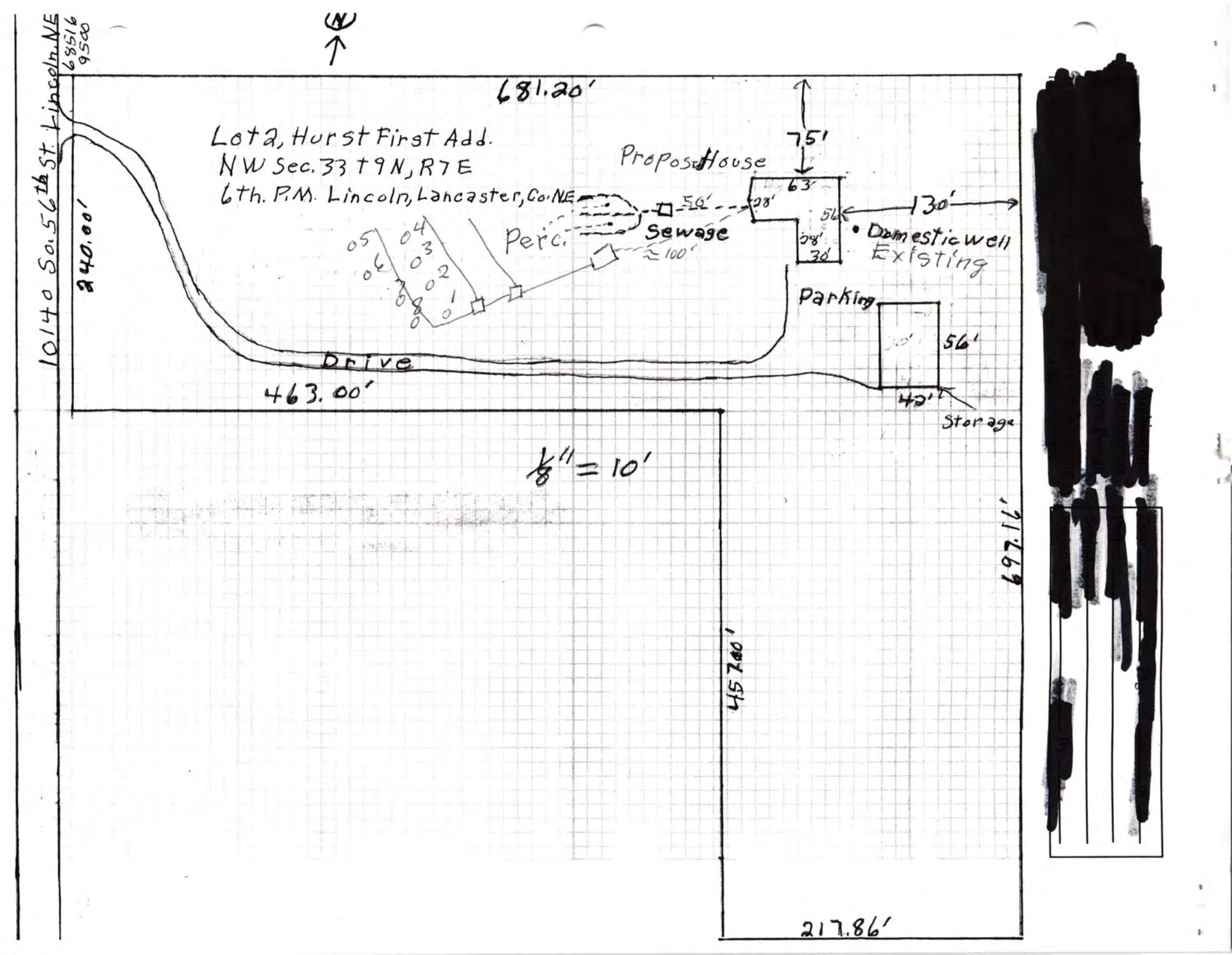
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☐	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor Kenneth R. Luebke Date 5-23-05

Installer Brad Smith Date 5-24-05

FORM 23-102 10-96


10140 So. 56th St. Lincoln, NE 68516 9500
N
681.20'
Lot 2, Hurst First Add.
NW Sec. 33 T9N, R7E
6th. P.M. Lincoln, Lancaster, Co. NE
240.00'
75'
Proposed House
63'
28'
56'
130'
50'
Perc.
Sewage
≈100'
28'
30'
• Domestic well Existing
Parking
56'
Drive
463.00'
42'
Storage
1/8" = 10'
457.00'
217.86'
217.86'

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

D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

Date 8-23-05

System Location (Indicate correct number and street)

Address 10430 S 56 (no rural route) City Lincoln NE, Zip 68516

A. Building Sewer

1. Material: Sch 40 PVC
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 11 in.
3. Distance between dwelling and septic tank: 207 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line >50 ft.
   stream NA ft.
   pressure line NA ft.
   property line >15 ft.

B. Septic Tank

1. Material: Plastic (Fralo)
   Number of compartments: 1
2. Capacity: 1060 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☐ baffle ☒ tee
6. Outlet: ☐ baffle ☒ tee
7. Depth to top of tank, below unfinished grade: 11 in.
8. Distances to: Well or suction line >50 ft.
   Stream NA ft.
   Pressure line >35 ft.
   Property line >20 ft.

C. Distribution Box

1. Material: (2) Drop Boxes
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 8'+20' ft.

D. Absorption Field

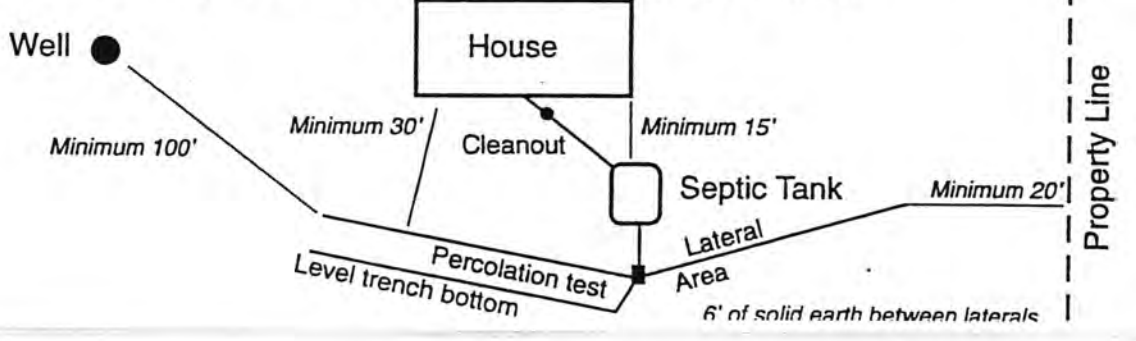
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 36
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other Infiltrator 11-10
2. Lateral lines: Number 3
   Length of each line: 100 ft. 100 ft.
   75 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 2½ in/100 ft.
   Average depth 34 in
4. Filter material: Gravelless
   Depth of material _____ in.
5. Distances to: Well or suction line >100' ft.
   Stream NA ft.
   Pressure line >35' ft.
   Property line >15' ft.

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

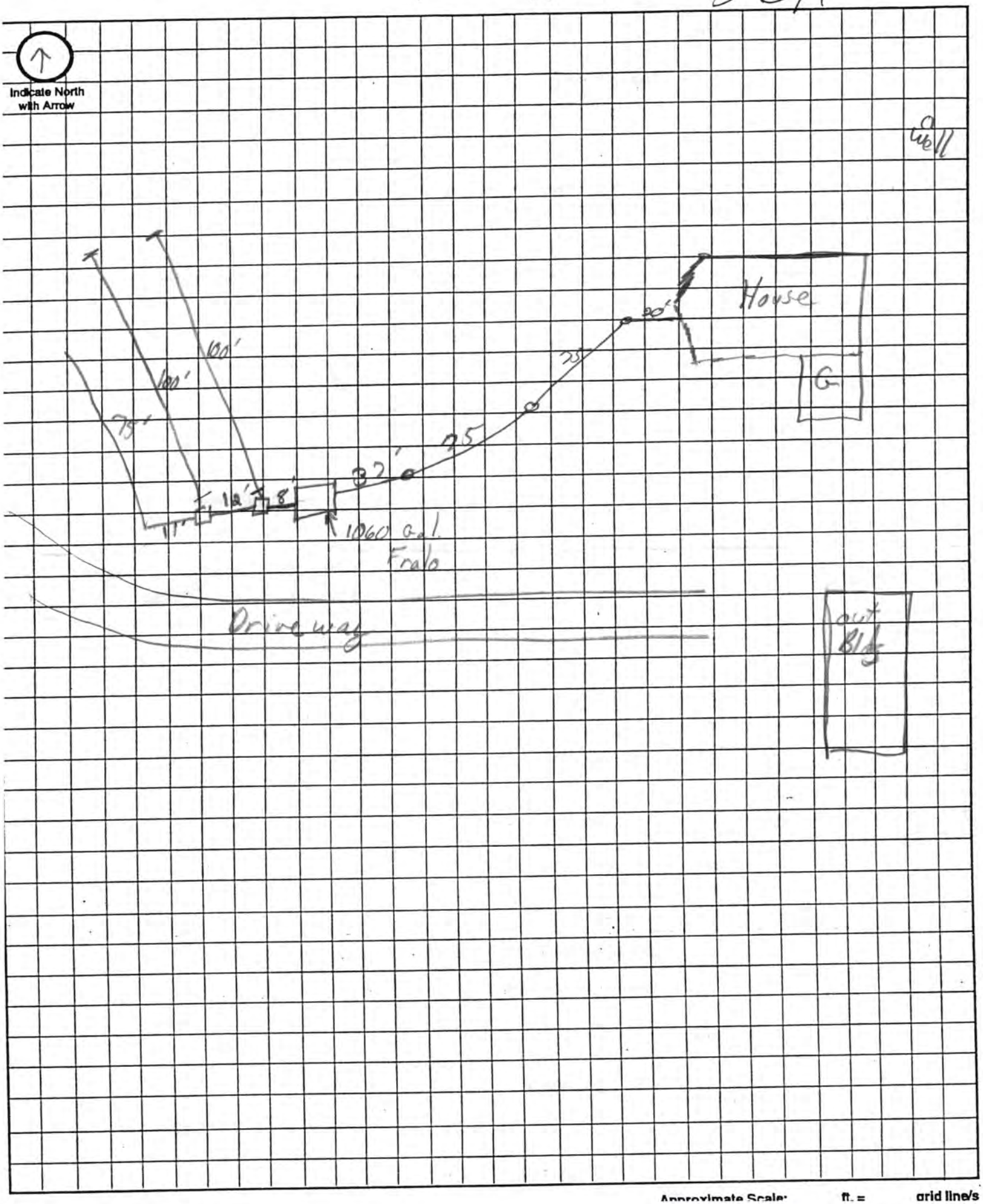
Indicate North with Arrow

Individual Sewage System Design (Example)



As Built Drawing

10140 S. 56th



Approximate Scale: ft. = grid line/s

Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit

WATER WELL
NEW WATER WELL CONSTRUCTION

Permit # 02400102701

Issued 05/20/02
Expires 11/20/02
Revenue Code 3162

Establishment

KENNETH R LUEDTKE
T9N R7E SEC 33
HURST-1ST ADDITION LOT 2
10140 S 56 ST

FEES: $100.00

Permittee

KENNETH R LUEDTKE
1004 S 3 ST
NORFOLK NE 68701-6302

TOTAL: $100.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

002231

P28484-68

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

Permit No. 02400102-7

Request for Site Clearance and Permit for Individual Water Well

The undersigned hereby requests:

- ☒ Site Clearance and Permit to construct a new individual water well - $100
- ☐ Bi-Annual Permit for an existing well - $100 (Renewed every 2 years)
- ☐ Permit to repair or alter existing well involving opening of well - $50

1. Well Site Address 10140 South 56th Street City Lincoln, NE Zip
(No Rural Route Please)
Township 9 N Range 7 E Section 33 1/4 Section
Block Lot 2 Addition Hurst 1st Addition
Parcel ID ____-____-____-____-____ (i.e. 99-99-999-999-999)

2. Well use: ☒ Residential ☐ Commercial ☐ Other Describe

3. Distance to Public Water Supply feet.

Signature of Owner Print Name Kenneth R. Luedke
Current Address 1004 South 3rd St. NORFOLK NE 68701-6302
Current Home Phone (402) 371-6854 Work Phone Same

Signature of Contractor Kenneth R. Luedke Print Name Kenneth R. Luedke
Address 1004 So. 3rd. St, Norfolk. NE. 68701-6302
Home Phone 402-371-6854 Work Phone Cellular Phone

Sewage Permit Applied for: ☐ Yes ☒ No ☐ Not applicable

Please Submit Permit Fee with This Request

Fee must be included before the application will be processed. Incomplete information will delay processing.

HEALTH DEPARTMENT USE ONLY

Approval Process: Lincoln Municipal Code 8.44

1.	Health Department	Date received 5/20/02 Date forwarded 5/21/02	ACTION Signature:	☒ Approved ☐ Disapproved	Jerrold C. Hood
2.	Building & Safety	Date received 5/24/02 Date forwarded 5/24/02	ACTION Signature:	☒ Approved ☐ Disapproved	
3.	City Engineer	Date received 5/21/02 Date forwarded 5/21/02	ACTION Signature:	☒ Approved ☐ Disapproved	

REMARKS OR REASONS FOR DISAPPROVAL:

Site Visits
Date: 1/4/06 By J.C. Hood
Date: / / By
Date: / / By

Nitrate Level 0.4 mg/L
Chloride Level mg/L
Bacteriological Analysis Satisfactory X Yes No
Other

Installation Final Written Approval
Date: 1/6/06 By J.C. Hood

Business Office Use Only
Received: Date: 05/20/02 Amount 100.00 Check No. 9438 Initials

Distribution: White - Health Department Lt. Green - Engineer Lt. Blue - Building Inspector

FORM 20223-0483
REQUEST FOR SITE CLEARANCE AND PERMIT
FOR INDIVIDUAL WATER WELL
CITY ORDINANCE NO. 12558
FILE NO. 0240010270 1

LINCOLN-LANCASTER COUNTY
HEALTH DEPARTMENT

3140 "N" STREET LINCOLN, NE 68510-1514

Legal Description Sec. 33 TN. 9 R. 7 Block ____ Lot ____ Addition ____

Well location address or nearest road intersection 10140 South 56th St. Lincoln, NE. From 56th & Rokeby Rd. go about 1/4 mile south and on east side.

Owner Ken Luedke Address 1004 South 3rd, Norfolk, NE. 68701

LOG OF WELL

Depth Ft to:	Description
0- 15	Dry brown clay
15- 45	Brown clay
45- 60	Red shale
60-110	Gray sandy shale
110-140	Sandy brown shale
140-145	Gray shale
145-160	Brown shale
160-195	Fine tan sandstone
195-222	Medium fine tan sandstone
222-235	Medium fine tan sandstone
235-254	Medium light brown sandstone
254-256	Dark gray shale

WELL COMPLETION RECORD

Drilling Method ROTO/WATER

Depth (from ground level). Ft. 253'

Date Completed 6/5/02

Casing: Length, Ft. 233' : Dia. In. 4"

Wall Thickness, .214" : Type PVC 200 #

Screen: Length, Ft. 20' : Dia. In. 4"

Type pvc wop; pvc slotted , Slot size .025

Well tested capacity Air tested at 80 gpm

Static water level 127' Measured XX Est. ____

Pumping water level 135' at 20 gpm.
Measured ____ Est. XX

Drop pipe: Length, Ft. 160' Dia. In. 1 1/4" Type. pvc-80

Pump model & H.P. 1 1/2 H.P. - 20 gpm

Gpm Yield of pump. 20 Measured XX Est. ____

Chlorination Completed Yes XX No ____

The above information including "Log of Well" is a true record of the job performed by me.

Driller [signature]

(Signed)

Address P.O. BOX 308
HICKMAN, NE 68372

Date: 21 FEBRUARY 2005

Remarks: NITRATE NITROGEN 0.4 p.p.m.
BACTERIOLOGICAL O.K.

DO NOT WRITE BELOW THIS DOUBLE LINE

Health Department forwarded copy of record to Nebraska Conservation and Survey Department for Scientific Record X