LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

3140 "N" STREET Lincoln, NE 68510-1514 (402) 441-8000

NON TRANSFERABLE

PERMIT

ermit

SEWAGE INSTALLATION
SEPTIC SYSTEM

No. 97380163601

Issued 08/22/97
Expires 02/22/98
Revenue Code 18754

Establishment

KRAMER CONSTRUTION, INC.
T9N R6E SEC 17
IRONWOOD ESTATES BLK 1 LOT 6
3800 BUCKTHORN ROAD

FEES: $150.00

TOTAL $150.00

Permittee

KRAMER CONSTRUTION, INC.
4600 RENTFRO DR
LINCOLN NE 68526

Issued By M. Jane Ford
Health Director

5160

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 3800 Buckthorn Rd (no rural route) City Lincoln NE, Zip

Legal Description 1/4 17 1/4 Section 9N Township 6E Range Ironwood 1st Addition Subdivision 10 Block 6 Lot

Geographical Location (if known): Longitude Latitude

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

B. Owner

Name Kramer & Son Construction Co Signature

Address 4600 Keystone Dr City/State/Zip Lincoln NE 68526

☐ Check if owner designed system Home Phone Work Phone 489 9209

C. Contractor John Pat Kramer

Name ~~Kramer~~ Son Company Name Kramer & Son Construction Co

Address 4600 Keystone Dr City/State/Zip Lincoln Ne 68526

☐ Check if contractor designed system Work Phone 489-9209

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 8/20/97 Date frwd 8/22/97 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8/22/97 Date frwd 8/22/97 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 8-22-97 Date frwd 8-22-97 ACTION ☒ Approved ☐ Disapproved Signature

10/20/97 J.C.H. ~~Hood Drafting~~

Installation Final Written Approval

By Jerrold C. Hood

Date OCTOBER 29, 1997

Business Office Use Only

Date Rec'd 08/20/97

Amt Paid 150 ck

Rec'd By JS ~~Cash~~/Check No. 4536

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

Also well

FORM 20105-0477
SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
3140 N Street
Lincoln NE 68510
(402)-441-8022

B

FILE NO. _____

PROPERTY WHERE SOIL TESTED: 3800 Buckthorn Rd Ironwood Estates

Location: Township 9N ; Range 6E ; Section & ¼ Section 17 .
Property Dimensions: 295 ft. x 600 ft. Area: _____ acres. (Attach Sheet C with sketch of property).

Soil Type: Silty Clay ☐ ; Silty Clay Loam ☐ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☒ .

Dates of Tests: 7-15-97 to 7-16-97 . Weather: Precip. 0 Temp. 80 .

OWNER: Kramer & Son Constructors

Address: 4600 Bentfro Dr 68336

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings						Results	
		Start		End		Start			End				
Hold No.	Hole Depth (in.)	Date (Mo./Day)	Time (Hr./Min.)	Date (Mo./Day)	Time (Hr./Min.)	Date (Mo./Day)	Time (Hr./Min.)	Water Level (in.)	Time (Hr./Day)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./in.)
1	36"	7-15	7:30P	7-16	5:30A	7-16	5:30A	6"	6:30A	5½	30min	½	60MIN/IN
2	36"	7-15	7:30P	7-16	5:30A	7-16	5:30A	6"	6:30A	5½	30min	½	60MIN/IN
3	36"	7-15	7:30P	7-16	5:30A	7-16	5:30A	6"	6:30A	5⅜	30min	⅝	48MIN/IN
4	36"	7-15	7:30P	7-16	5:30A	7-16	5:30A	6"	6:30A	5¼	30min	¾	40MIN/IN
5	36"	7-15	7:30P	7-16	5:30A	7-16	5:30A	6"	6:30A	5¼	30min	¾	40MIN/IN
6	36"	7-15	7:30P	7-16	5:30A	7-16	5:30A	6"	6:30A	5	30min	1	30MIN/IN

Sum of Percolation Rates: _____
Average of Rates: 60MIN/IN
Mean of Rates: _____

Brian Shafer
Signature of Person Conducting Test

Address 2700 Dan Ave., Lincoln, NE Phone 402-464-0638

(Do not write below this line)

REVIEWING ACTION

Approved Percolation Rate (a)
A. 60 min./inch
B. _____ min./inch
C. _____ min./inch

Remarks: _____

Soil Type (SCS): Wymore Silty Clay Loam

Date: August 20, 1997

Gerald C. Hood
Signature of Reviewing Official

Fax 441-8323

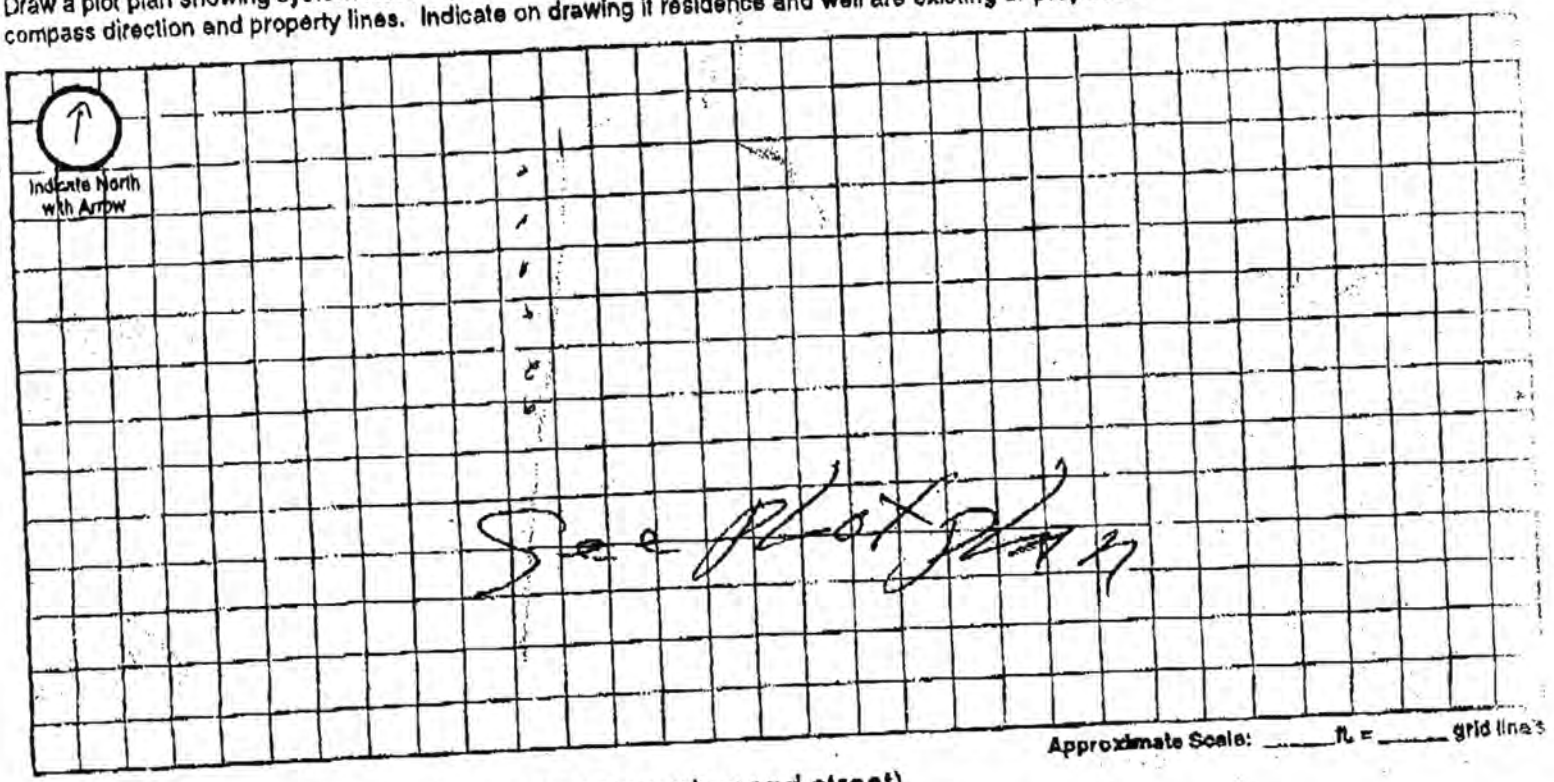
C

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

Permit Number:

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.



A. System Location (Indicate correct number and street)

Address (no rural route) 2800 Buckhorn Rd City Lincoln NE, Zip _____

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: WYMORE SILTY CLAY LOAM Land Slope: _____

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

Total Square Feet of Field Required: 1320 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 330 ft. Number of Trenches 4 Trench Width 48"

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

Distance From	Private Well	Public Well	Surface Water	Ground 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 _____ Date 8-20-97

Installer _____ Date 8-21-97

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 10-20-97 Larry Schwanek

System Location (Indicate correct number and street)

Address 3800 Buckthorn Rd (no rural route) City Lincoln NE, Zip

A. Building Sewer

1. Material: Class 160 - 4"
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16" in.
3. Distance between dwelling and septic tank: 70' 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: _____ 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: 6 ft.

D. Absorption Field

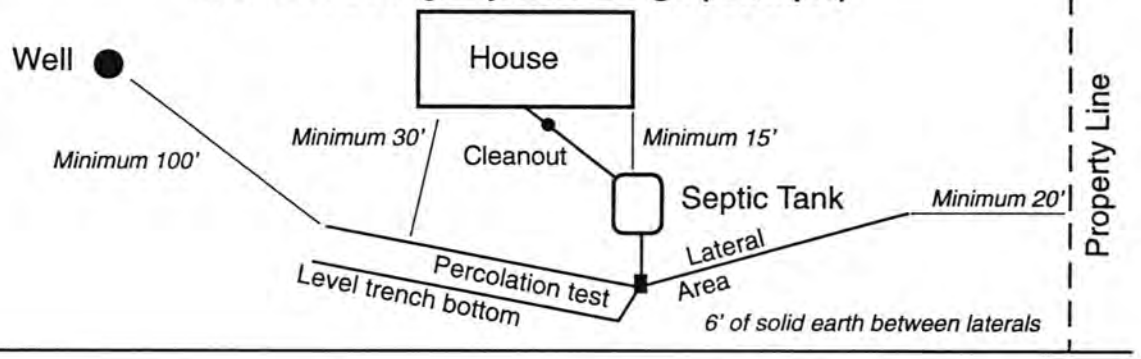
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 16
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: 332' Number 4
   Length of each line: 102 ft. 102 ft.
   85 ft. 43 ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 2 in/100 ft.
   Average depth 36 in
4. Filter material: Road Gravel
   Depth of material 16 in.
5. Distances to: Well or suction line 100' ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)

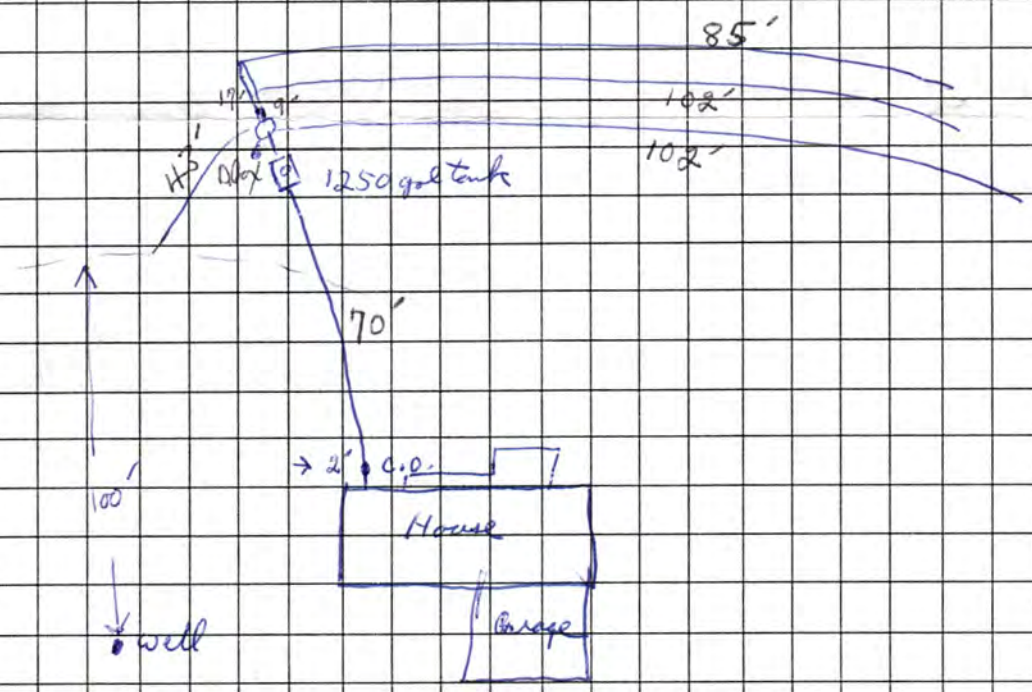


FORM 23-103 10-96

As Built Drawing

3800 W Brockton

Indicate North with Arrow



Approximate Scale: _____ft. = _____ grid line/s