LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

2200 St. Marys Ave Lincoln, NE 68502-3785 (402) 471-8000

NON TRANSFERABLE

P E R M I T

Permit
SEWAGE INSTALLATION

No. 92380091401

Issued 09/15/92
Expires 03/15/93
Revenue Code 18754

Establishment
HARRY HEAFER
T9N R6E SEC 16
PESTER RIDGE ESTATE BLK 2 LOT 5
2200 PESTER RIDGE ROAD

FEES: $150.00

TOTAL $150.00

Permittee
HARRY HEAFER
3550 X ST
LINCOLN NE 68503

Issued By M. Jane Ford
Health Director

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW
"POST IN A PROMINENT PLACE"

FORM 20103-0477
REQUEST FOR SITE CLEARANCE AND PERMIT
FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM
City Ordinance No. 9150 ☒
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

A

FILING FEE: $ 150.00

FILE NO. _____

DATE: 9-14-92

The undersigned hereby requests SITE CLEARANCE and PERMIT to construct an Individual Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

1. Legal description of property: Twp. 9N ; Range 6E ; Section 16 ;
Block 2 : Lot 5 : Addition Pester Ridge Estates
Street Address 2200 Pester Ridge Road

2. Property Use: Residential ☒ ; Commercial ☐ Other Use ☐
No. of Bedrooms 3 . Describe _____

3. Type of Individual Sewage Disposal System: Septic Tank ☐ ; Other ☒

4. Distance to public sewer: N/A ft.

~~Whatever percolation rate indicates~~

Nancy A Heyer
Signature of Applicant (Owner or Lessee)

3550 X St 68503
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. 9/15/92 . Date Frwd. 9/15/92 . ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: or Village Clerk Date Rec'd. 9/15/92 . Date Frwd. 9/15/92 . ACTION: Approved ☒ Disapproved ☐ Signature: Gary Spurr

3. City or County Engineer : Date Rec'd. 9/15/92 . Date Frwd. 9/15/92 . ACTION: Approved ☒ Disapproved ☐ Signature: Dennis Bartels

REMARKS OR REASONS FOR DISAPPROVAL HAS WELL PERMIT

Site Visits:
Date: 10/27/92 by: J.C.H. Need fence
Date: 5/5/93 by: J.C.H.
Date: _____ by: _____

INSTALLATION FINAL WRITTEN APPROVAL
Date: 5/5/93 By: Jerrold C. Hood

White: Health Dept. Copy
Yellow: Engineers Copy
Pink: Bldg. Inspector's Copy

FORM 23-43

RECEIVED SEP 2 2 1992

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
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-~~7800~~ 8022

B

FILE NO. _____

PROPERTY WHERE SOIL TESTED: 2200 Pester Ridge Road

Location: Township _____; Range _____; Section & ¼ Section 16.
Property Dimensions: _____ ft. x _____ 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: 9-15-92 to 9-16-92. Weather: Precip. 0" Temp. 85°.

Hole #1 had water remaining

OWNER: Harry & Karen Heafer
Property Address: 2200 Pester Ridge Road
Current Mailing Address below:

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	48"	9/15	4pm	9/16	4pm	9/16	4pm	6"	8pm	5 7/8	30m	1/8	
2	48	9/15								5 6/8		2/8	
3	48	9/15								6		0	
4	48	9/15								5 7/8		1/8	
5	48	9/15								5 3/8		5/8	
6	48	9/15								5 7/8		1/8	
7	48	9/15								5 4/8		4/8	
8	48	9/15								5 2/8		6/8	
9	48	9/15								5 7/8		1/8	
10	48	9/15	↓	↓	↓	↓	↓	↓	↓	6	↓	0	

Holes 11, 12, 13 on back

Mary Heafer
Signature of Person Conducting Test

Address 3550 X St, 68503 Phone 464-2174

Sum of Percolation Rates: _____
Average of Rates: _____
Mean of Rates: _____

(Do not write below this line)

REVIEWING ACTION

Remarks: Too slow for conventional septic
Soil Type (SCS): _____
Date: September 22, 1992

Approved Percolation Rate (a)
A. 120 min./inch
B. _____ min./inch
C. _____ min./inch

Gerald C. Hood
Signature of Reviewing Official

RECEIVED SEP 2 2 1992

FORM 20102-0477
PRELIMINARY PLANS & SPECIFICATIONS FOR SEWAGE DISPOSAL SYSTEM (Annex to Application)
City Ordinance No. 9150 ☐
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
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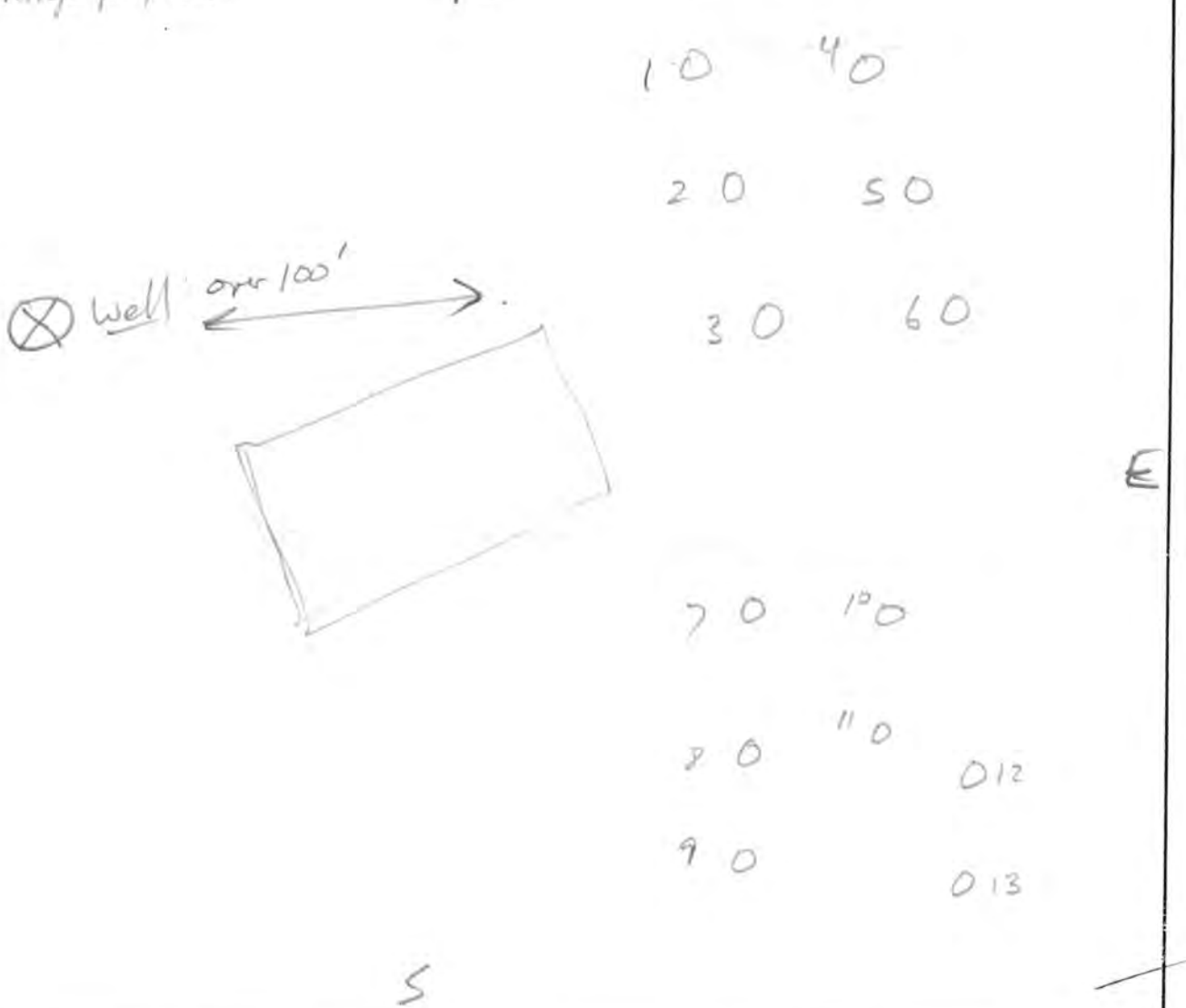
C

Sketch of property showing Percolation Test hole locations, well, residence, direction and property line.

FILE NO._____

Indicate on sketch if residence and well are exisiting or proposed.

All things proposed



REVIEWING ACTION

Remarks:_____

_____

Date:_____

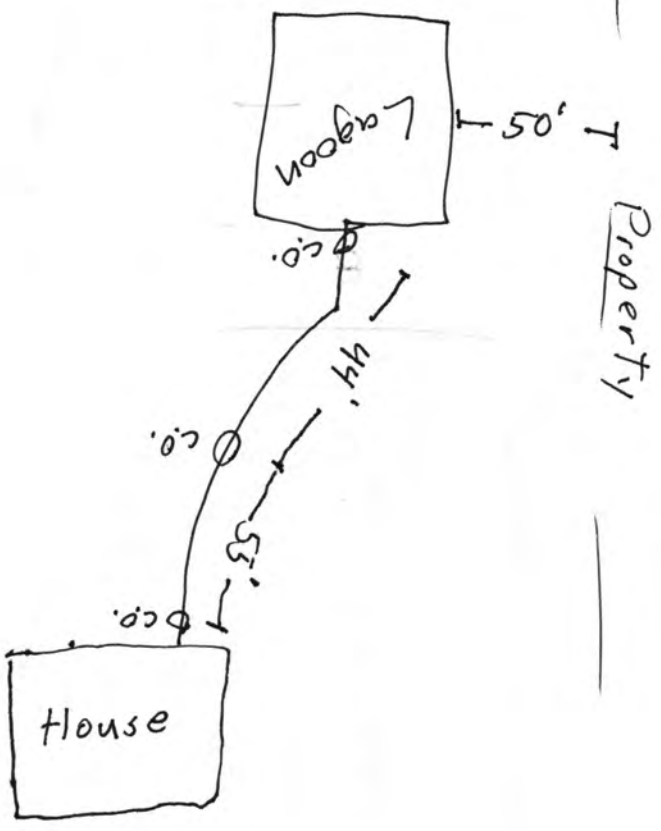
Minimum Design Requirement
1. Capacity of Septic Tank_____gals.
2. Total Length of Laterals_____ft.
3. With a Trench Width of_____in.
4. Total Area of Lateral needed____sq.ft.

_____
Signature of Reviewing Official

2200 PRESTER RIDGE RD.

WELLMANN PLUMBIG ↑

N



Prester Ridge Rd.

FORM 20104-0477
PLANS & SPECIFICATIONS FOR SEWAGE DISPOSAL SYSTEM (Annex to Application)
City Ordinance No. 9150 ☐
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

D

DATE: 10-27-92

FILE NO. _____

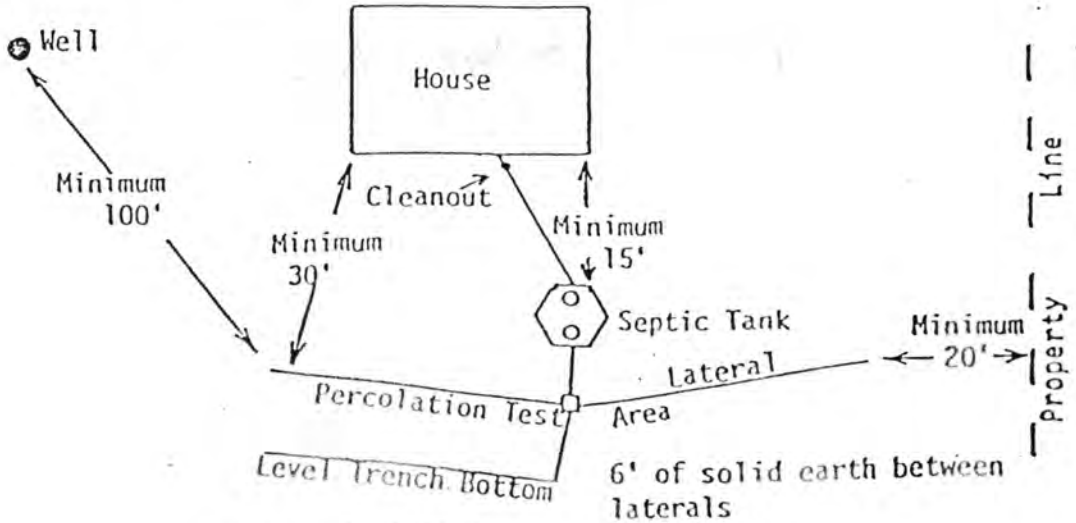
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material Scedaled 40; Diameter 4" in.
2. Distance above basement floor _____ in., or below basement floor 10 in.
3. Distance between dwelling and septic tank — ft.
4. Number of clean-outs 3.
5. Distances to:
Well or Suction Line — ft.; Stream — ft.; Pressure Line 8 ft.; Property Line 75 ft.

~~B. SEPTIC TANK:~~
1. Material _____; No. of compartments _____.
2. Capacity _____ gals.;
3. Factory Built: Yes ☐ No ☐
(Company _____)
4. Manholes: Over Inlet; diam. _____ in.
Over Outlet; diam. _____ in.
Riser Above ☐ Below ☐ Grade ____ in.
5. Inlet: Baffle ☐ ; or Tee ☐
6. Outlet: Baffle ☐ ; or Tee ☐
7. Depth of top of tank below finished grade _____ in.
8. Distances to:
Well or Suction Line _____ ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.

~~C. DISTRIBUTION BOX:~~
1. Material _____; Number - available outlets _____.
2. Factory Built: Yes ☐ No ☐
(Company _____)
3. Distance from Septic Tank _____ ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☐ Perforated Pipe ☐
Diameter of Half Round _____ or Perforated Pipe _____.
Material: fiberglass ☐ ; plastic ☐ ; concrete ☐ ; other Lagoon.
2. Lateral Lines:
Number ___ ; Length of each line _____, _____, _____, _____, _____ ft.;
Total length of laterals _____ ft.;
Distance between lateral lines ____ ft.
3. Trench dimensions: Width _____ ft.;
Slope _____ in/100 ft.; Average Depth _____ in.
4. Filter Material: _____
Depth of Material _____ in.
5. Distances to:
Well or Suction Line _____ ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

Well Driller: Ernest Well Drilling

NAME HARRY HEAFER DATE 10/30/92

ADDRESS PESTER RIDGE ESTATES T9N, R6E, Sect 16, Blk 2, Lot 5

Wellhead @ 40.74684, -96.75331

CITY LINCOLN STATE NE

PUMP MODEL HBF2-100-S2 VOLTAGE 230

WIRE SIZE 12-2 W/G DATE INSTALLED 2/12/93

DROP PIPE LENGTH 100' DROP PIPE SIZE 1 1/4" PVC SCH 80

TANK WM20

WELL DIAMETER 4" WELL DEPTH 120' CASING TYPE PVC 160#

WELL COMPLETION SP4X4 WELL YIELD 50 GROUT DEPTH 5'-20'

SCREEN SIZE JOHNSON 10'.018 STATIC WATER LEVEL 79'

TOTAL DEPTH 120' GRAVEL PACK "C" BORE DIAMETER 9"

WELL LOCATION

FORMATION LOG

0-2'	TOP SOIL
2'-35'	BROWN CLAY
35'-42'	SANDSTONE
42'-45'	WHITE AND GRAY CLAY
45'-50'	GRAY CLAY AND SANDSTONE
50'-54'	WHITE CLAY, SHALE AND SANDSTONE
54'-98'	SANDSTONE
98'-100'	GRAY CLAY
100'-125'	SANDSTONE (BROWN)
125'-128'	SANDSTONE (YELLOW)

FORMATION LOG2

NOTES WELL SEALED WITH BENTONITE (HOLEPLUG) FROM: 95'-100'