LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

FILE NO. 744-C

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF PERMIT

June 11, 1976 — THIS PERMIT EXPIRES

L. E. Heiliger — ISSUED TO

731 Hazelwood — ADDRESS

T9N; R7E; Sec. 33; Bl. 4; Lot 3; South Dale Acres-Lagoon — LEGAL DESCRIPTION

NON-TRANSFERABLE — REMARKS:

PERMIT	INSPECTION FEE	OCCUPATION TAX	TOTAL
$ 30.00	$	$	$ 30.00
ACCOUNTING NO.	ACCOUNTING NO.	ACCOUNTING NO.	CODE
	110.16	148.14	6-2

RECEIPTED BY — DATE — AMOUNT

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

ISSUING OFFICER

THIS PERMIT IS ISSUED AS PROVIDED BY COUNTY RESOLUTION NO. 2832

FORM HD-40(73) REQUEST FOR SITE CLEARANCE 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: 475-6221)

FILE NO. 744-C

TO: Division of Environmental Health
Lincoln-Lancaster County Health Dept.

DATE: Dec. 8, 1975

The undersigned hereby requests SITE CLEARANCE 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 7E ; Section 33
Block 4 ; Lot 3 ; Addition South Dale Acres
Street Address _____

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

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

4. Distance to public sewer: 5 miles ~~ft.~~

Lowell Heiligenstein
Signature of Applicant (Owner or Lessee)

731 Hazelwood
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 12/11/75 . Date Frwd. 12/11/75 . ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: Date Rec'd. 12-11-75. Date Frwd. 12-11-75. ACTION: Approved ☒ Disapproved ☐ Signature: W W

3. City or County Engineer : Date Rec'd. 12/11/75 . Date Frwd. 12/11/75 . ACTION: Approved ☒ Disapproved ☐ Signature: Henry Graff

REMARKS OR REASONS FOR DISAPPROVAL _____

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

FORM HD-42(73) APPLICATION FOR PERMIT TO CONSTRUCT 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: 475-6221)

FILE NO. 744-C

DATE: _____

TO: Director of Health
Lincoln-Lancaster County Health Dept.

The undersigned hereby applies for a permit to construct an Individual Sewage Disposal System in conformance with appropriate Ordinance or Resolution, as described in this application and the annexed forms attached hereto.

1. Legal description of property: Twp. 9N ; Range 7E ; Section 33 ; Block 4 ; Lot 3 ; Addition SOUTH DALE ACRES .
Street Address _____.

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

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

4. Plans and Specifications of Proposed System. (See FORM HD-45(73) PLANS & SPECIFICATIONS, SEWAGE DISPOSAL SYSTEM, attached hereto.)

5. Soil Absorption Properties. (See FORM HD-43(73) SOIL ABSORPTION TEST DATA REPORT, attached hereto).

Lawrence Skeleski
Signature of Applicant (owner or lessee)

731 Eagle Road
Address

(Do not write below double line)

REVIEWING ACTION

1. Date Rec'd; _____
Filing Fee: $ 30.00

2. Site Visits:
Date: 4-12-76 by: jw
Date: _____ by: _____
Date: _____ by: _____

3. Date: Approved ☒ ; Disapproved ☐ 12/11/75
by: Jerrold C. Hood

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: 4-12-76 by: James Weverka

FORM HD- 43(73) 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 475-6221)

FILE NO. _____

PROPERTY WHERE SOIL TESTED:
Location: Township 9N ; Range 7E
Section & ¼ Sect. 33, B14, Lot 3
Property Dimensions: ____ft. x ____ ft.
Area: _____acres. (Attach sketch of property showing hole location).

Owner: _____
Address _____

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

Dates of Tests: 12-3-75 to 12-4-75. Weather: Precip. none Temp. 40°

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	i.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings					Results		
		Start		End		Start			End				
Hole 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. Min.)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./inch)
1	36"	12-3-75	8:00AM	12-4-75	8:00AM	12-4-75	9:30	9 1/4	10:00	8 1/2	30	1/4	
2	"	"	"	"	"	"	"	12	"	12 1/4		1/4	
3	"	"	"	"	"	"	"	11 1/4	"	11 1/4		0	
4	"	"	"	"	"	"	"	12 3/4	"	12 7/8		1/8	
5	"	"	"	"	"	"	"	7 1/4	"	7 3/8		1/8	
6	"	"	"	"	"	"	"	10 1/8	"	10 1/8		1/4	

Sum of Percolation Rates _____
Average of Rates: _____
Mean of Rates: .167

Ron Magnuson & Norm Banghius
Signature of Person Conducting Test

Address _____
Phone: _____

(Do not write below this line)

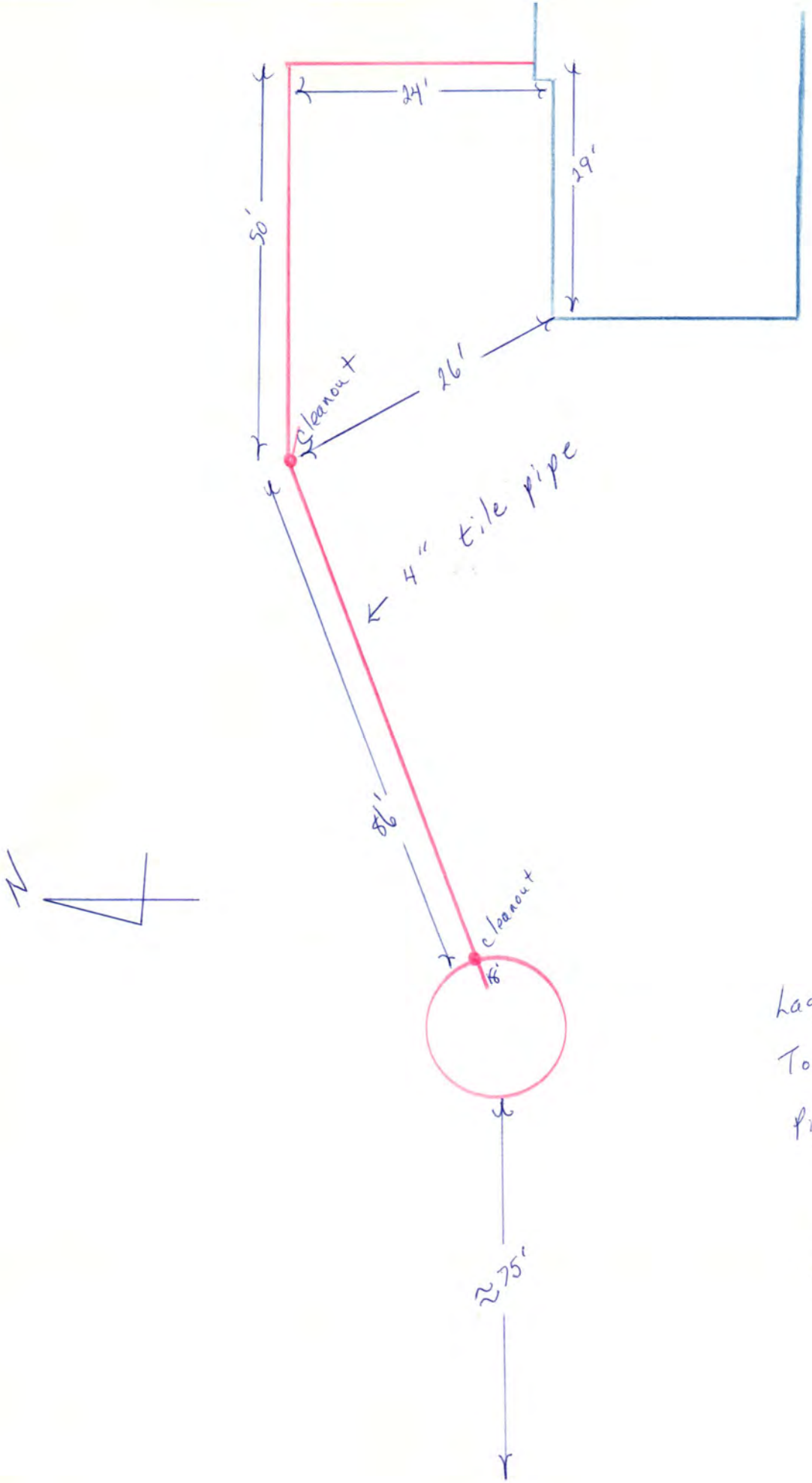
REVIEWING ACTION

REMARKS: too slow perk rate for a septic system. A waste stabilization pond is recommended.

Approved Percolation Rate(s)
A. 160 min./inch
B. _____ min./inch
C. _____ min./inch

DATE: _____

Ron Magnuson
Signature of Reviewing Official



Lagoon built by Tobler

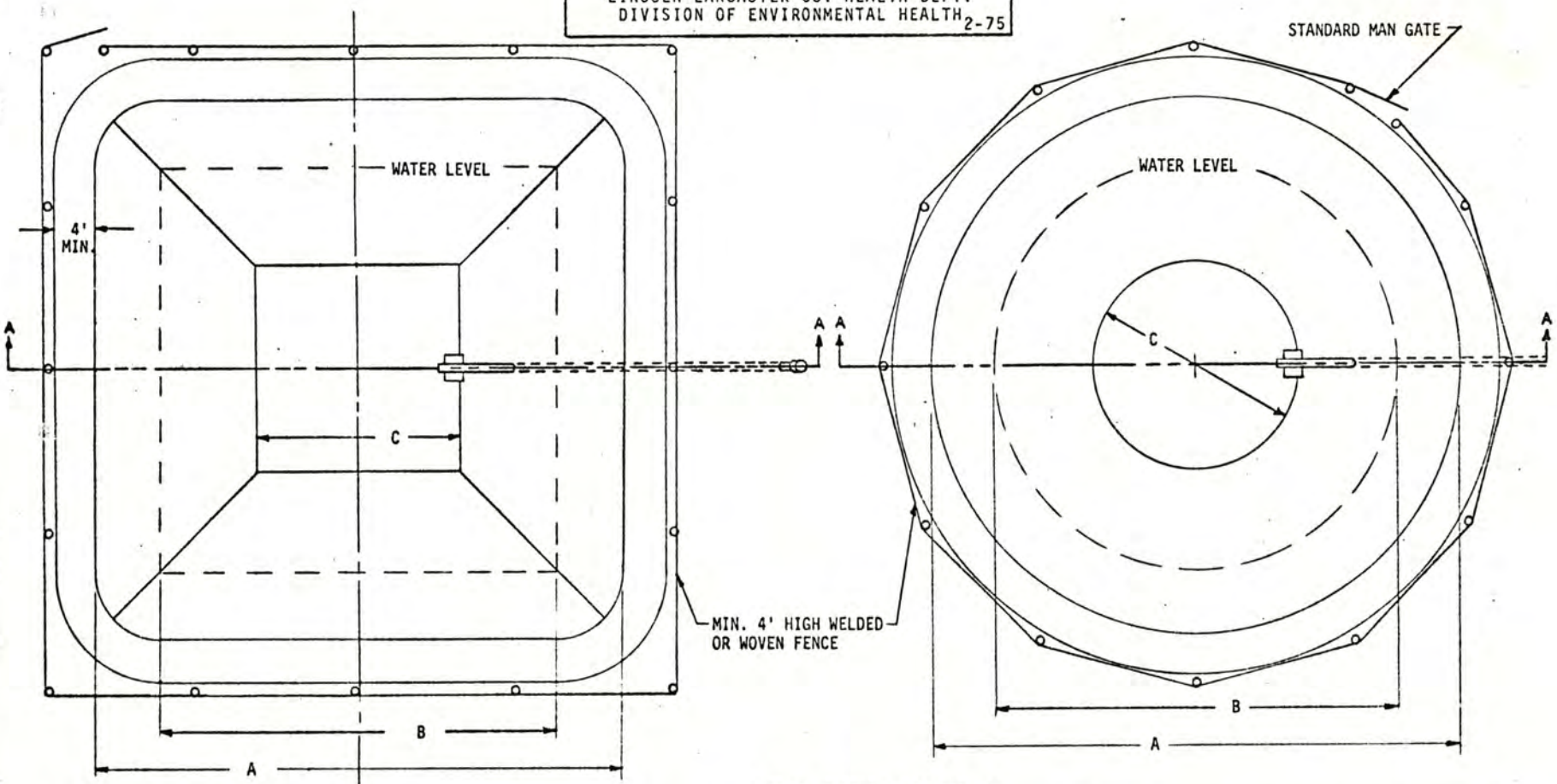
Piping by Felton

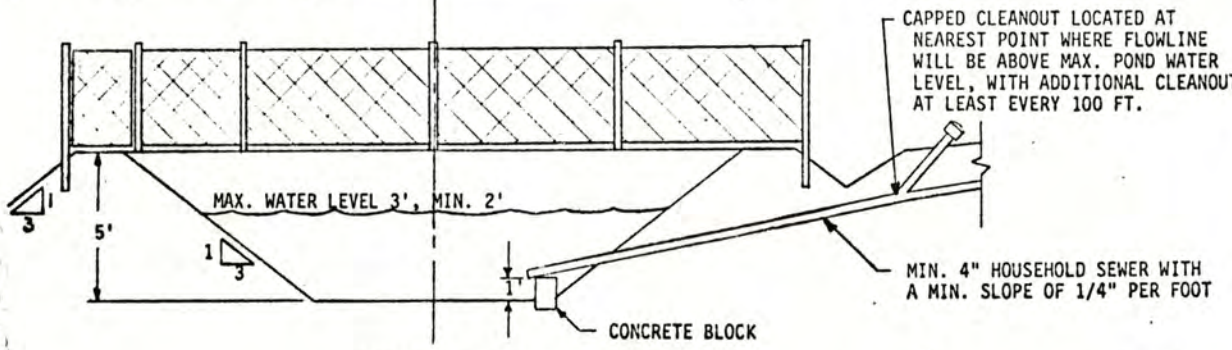
jw

4-12-76

WASTE STABILIZATION POND

LINCOLN-LANCASTER CO. HEALTH DEPT.
DIVISION OF ENVIRONMENTAL HEALTH 2-75





SECTION VIEW A-A
(APPLICABLE TO BOTH DESIGNS)

NUMBER OF BEDROOMS IN THE HOUSE	MINIMUM LAGOON DIMENSIONS (FEET)					
	SQUARE			ROUND		
	A	B	C	A	B	C
2-3	49	37	19	52	40	22
4	55	43	25	57	48	30

ADDITIONAL INFORMATION ON BACK

SIGNATURE OF APPLICANT _____

HD-46(75)

NOTES

LOCATION

1. Waste stabilization pond bottom shall be constructed at least 2 feet above the ground water table.
2. The pond shall be located at such a site that it will not be subjected to flooding.
3. The minimum lot size shall be three acres on which the pond is located.
4. The pond shall be located a minimum of 100 feet from an existing or proposed house, 50 feet from adjacent property or public-right-of-way lines, and 100 feet from a well as measured from the inside edge of the top of the dike.

CONSTRUCTION DETAILS

1. There shall be minimum freeboard of 2 feet.
2. The minimum top width of the dike shall be 4 feet.
3. All dike slopes shall be 3 feet horizontal to 1 foot vertical.
4. Surface drainage shall be diverted around pond.
5. The fence shall be a minimum of 4 foot high woven or welded wire, with standard man gate that is kept locked. Maximum fence post spacing shall be 16 feet which shall be located on the outside edge of the dike.
6. All dike area 1 foot above the maximum water level shall be seeded with a densely-growing, short-rooted perennial grass such as blue, fescue, or brome and shall be mowed regularly.
7. The minimum inside diameter of the inlet line shall be 4 inches with a minimum slope of 1/4 inch per foot. The inlet pipe extending into the pond shall discharge at 1 foot from the bottom and shall be permanently supported at that level.
8. A depth measurement device shall be installed either within the pond or flush with the dike slope.
9. A cleanout shall be located just outside the dike above the maximum pond water level. Additional cleanouts shall be also located at least every 100 feet on the sewer line running from the dwelling to the pond.
10. The maximum water level shall be 3 feet and the minimum 2 feet. Following construction of the pond and prior to any sewage discharge, the pond shall be filled to the 3 foot level with water.
11. Pond bottom and interior dikes up to a height of 1 foot above the maximum 3' water level shall be treated with a herbicide at the manufacturer's recommended sterilization rate. Care shall be taken not to apply herbicide on dike area where grass will be seeded..
12. Lagoon shall be inspected by Lincoln-Lancaster County Health Department before being filled with water.
13. When the percolation rate is faster than 60 minutes/1 inch, the bottom and inside slopes shall be sealed with bentonite, plastic liner or other approved material.
14. Waste stabilization ponds shall be constructed such that the bottom of the pond will not be more than 5 foot below the original ground surface.
15. The area adjacent to the pond shall be kept free of shrubbery higher than 10 feet within 50 feet and of trees within 100 feet.
16. The waste stabilization pond is designed for complete retention.