LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

Division of Environmental Health
2200 St. Marys Ave Lincoln, NE 68502 (402) 471-8000

NON TRANSFERABLE

PERMIT
SEWAGE INSTALLATION

No. 90580061801

Issued 07/20/90
Expires 01/20/91

ESTABLISHMENT
ARLON E BARTELS
T11N R6E SEC 35 QTR SW
CUMBERLAND HEIGHTS LOT 20

FEES: Permit 018754 $150.00

Total $150.00

PERMITTEE ARLON E BARTELS
RR0005
LINCOLN NE 68508

Issued By COUNTY HEALTH

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

DATE	AMOUNT
7/20/90	PAID

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW

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

FILE NO. _____

DATE: July 19 . 90

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. 11N ; Range 6E ; Section 35 ;
   Block _____ : Lot 20 : Addition CUMBERLAND HEIGHTS
   Street Address RR 5 Lincoln Ne 68521

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

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

4. Distance to public sewer: 0 ft. will install what "perk test" indicates.

Anton E. Barths
Signature of Applicant (Owner or Lessee)

RR 5 Lincoln Ne 68521
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. 7/19/90 . Date Frwd. 7/20/90 . ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: or Village Clerk: Date Rec'd. 7/20/90 . Date Frwd. 7/20/90 . ACTION: Approved ☐ Disapproved ☐ Signature: _____

3. City or County Engineer: Date Rec'd. 7-20-90 . Date Frwd. 7-20-90 . ACTION: Approved ☒ Disapproved ☐ Signature: _____

REMARKS OR REASONS FOR DISAPPROVAL HAVE WELL PERMIT

Site Visits:
Date: 9/28/90 by: J.C.H.
Date: 3-92 by: (Submitted)
Date: _____ by: _____

INSTALLATION FINAL WRITTEN APPROVAL
Date: 12-11-97 By: _____

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

FORM 23-43

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
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B

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township 11 ; Range 6 ; Section & ¼ Section 35 .
Property Dimensions: _____ ft. x _____ ft. Area: 5 acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☐ ; Silty Clay Loam ☒ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .
Dates of Tests: 9-5-90 to 9-6-9 . Weather: Precip. — Temp. 92 .

OWNER: ARLON E. BARTELS

Address: RR 5 LINCOLN NE 68521

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	9-5	9AM	9-6	9AM	9-6	9AM	6"	12:30 9-6	5 1/4	1/2 hr	3/4"	
2	36	9-5	9AM	9-6	9AM	9-6	9AM	6"	12:30 9-6	5 3/8	1/2 hr	5/8"	
3	36	9-5	905AM	9-6	9AM	9-6	905	6"	12:55 9-6	5 1/2	1/2 hr	1/2"	
4	36	9-5	905AM	9-6	9AM	9-6	905	6"	12:35 9-6	5 1/8	1/2 hr	7/8"	
5	36	9-5	908AM	9-6	9AM	9-6	907	6"	12:37 9-6	5 3/8	1/2 hr	5/8"	
6	36	9-5	908AM	9-6	9AM	9-6	907	6"	12:37 9-6	5 1/4	1/2 hr	3/4"	

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

Arlon E. Bartels
Signature of Person Conducting Test

Address RR 5 Lincoln NE 68521 Phone 4358714

(Do not write below this line)

REVIEWING ACTION

Approved Percolation Rate (a)
A. 44 min./inch
B. _____ min./inch
C. _____ min./inch

Remarks: _____

Soil Type (SCS): _____

Date: September 12, 1990

Jerrold C. Hood
Signature of Reviewing Official

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

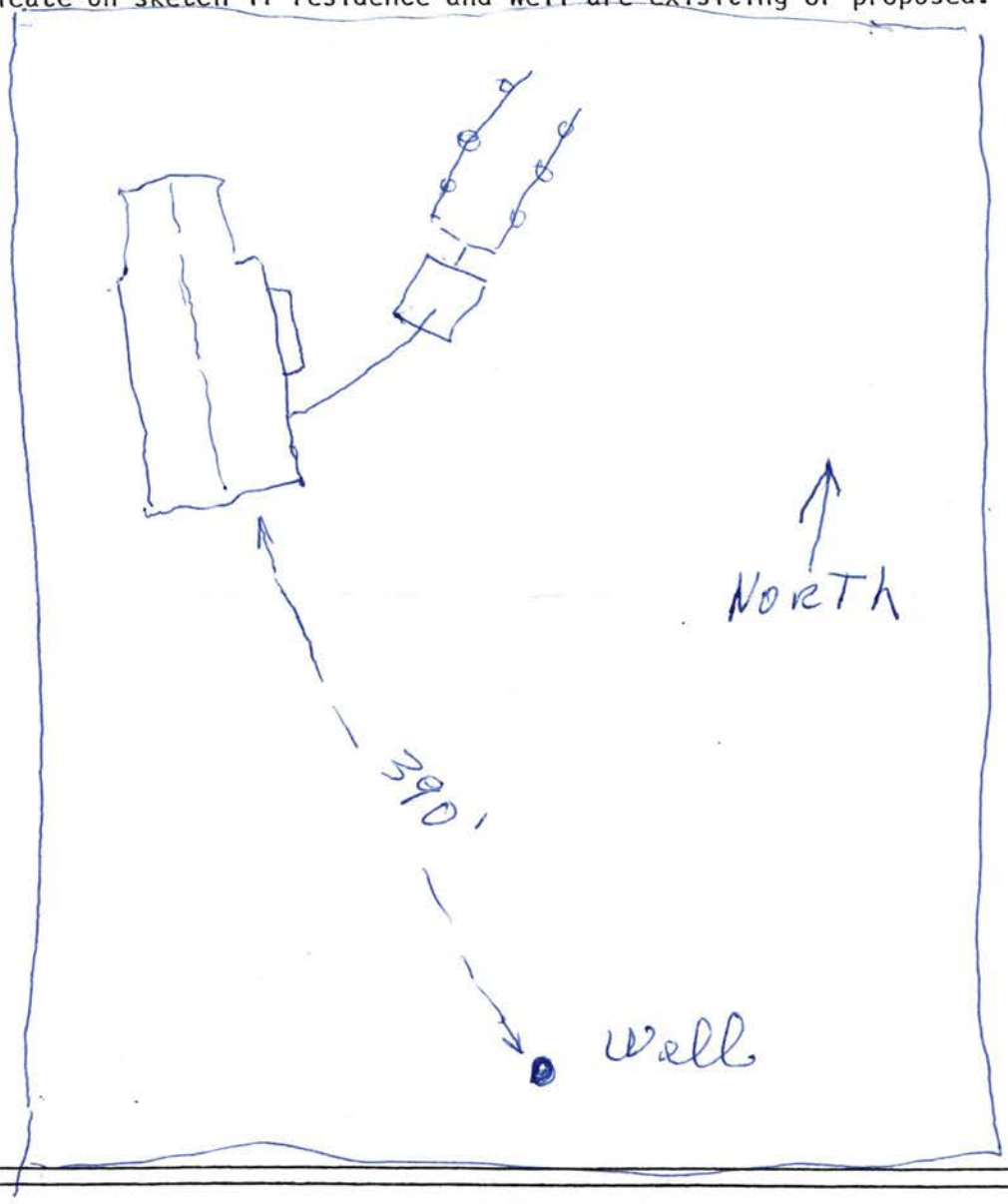
LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
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C

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.



REVIEWING ACTION

Remarks:_____

Date: September 12, 1990

Minimum Design Requirement
1. Capacity of Septic Tank 1000 gals.
2. Total Length of Laterals_____ ft.
3. With a Trench Width of_____ in.
4. Total Area of Lateral needed 596 sq.ft.

Jerrold C. Hood
Signature of Reviewing Official

DEC 1 0 1997

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
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D

DATE: _____

FILE NO. _____

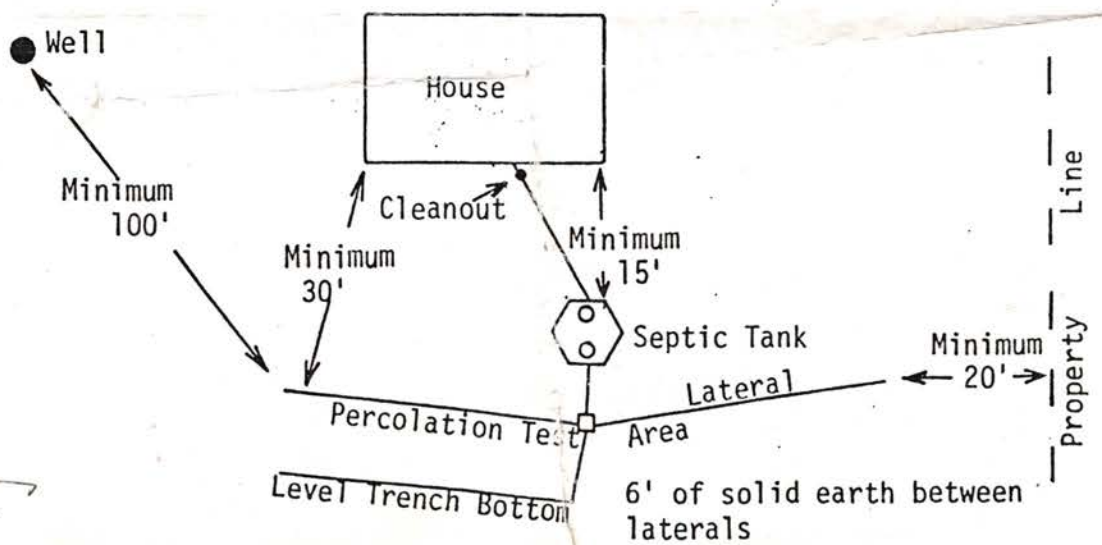
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material PVC 1120 Diameter 4 in.
2. Distance above basement floor — in., or below basement floor 8 in.
3. Distance between dwelling and septic tank 8 ft.
4. Number of clean-outs 1-IN LINE.
5. Distances to: Well or Suction Line 415 ft.; Stream — ft.; Pressure Line — ft.; Property Line 151 ft.

B. SEPTIC TANK:
1. Material CONCRETE; No. of compartments 1.
2. Capacity 1000 gals.;
3. Factory Built: Yes ☒ No ☐ (Company AMERICAN CONCRETE)
4. Manholes: Over Inlet; diam. 18 in. Over Outlet; diam. 8 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 18 in.
8. Distances to: Well or Suction Line 400 ft.; Stream — ft.; Pressure Line — ft.; Property Line 122 ft.

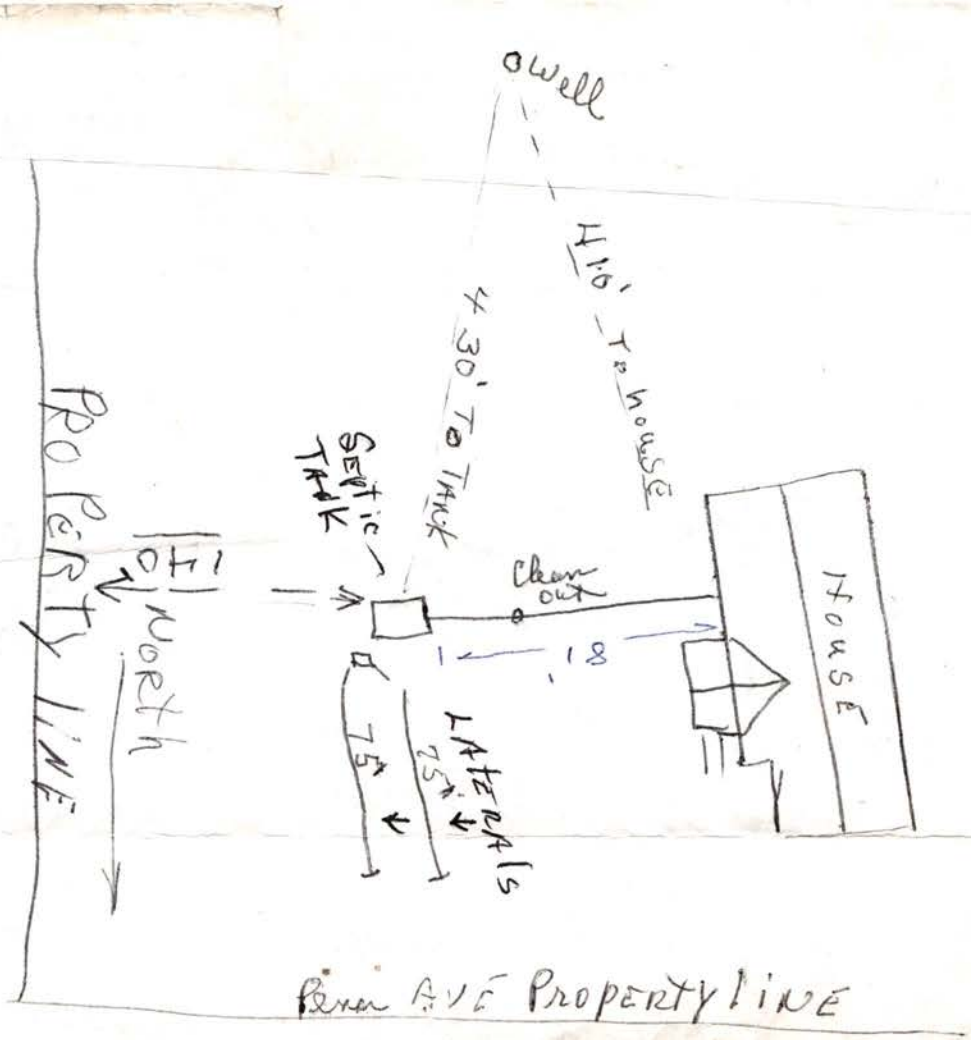
C. DISTRIBUTION BOX:
1. Material CONCRETE; Number - available outlets 5.
2. Factory Built: Yes ☒ No ☐ (Company AMERICAN CONCRETE)
3. Distance from Septic Tank 8 ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐ Diameter of Half Round 2' or Perforated Pipe —. Material: fiberglass ☐ ; plastic ☐ ; concrete ☒ ; other _____.
2. Lateral Lines: Number 2 ; Length of each line 75, 77, _____, _____, _____ ft.; Total length of laterals 152 ft.; Distance between lateral lines 60 ft.
3. Trench dimensions: Width 4 ft.; Slope 2" in/100 ft.; Average Depth 36 in.
4. Filter Material: SAND GRAVEL Depth of Material 8 in.
5. Distances to: Well or Suction Line 435 ft.; Stream — ft.; Pressure Line — ft.; Property Line 72 ft. NORTH



Easement.

TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


Well
110' To House
130' To Tank
Septic Tank
Clean out
House
18'
Laterals
75'
75'
110' North
Property Line
Penn Ave Property Line