LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

2200 St. Marys Ave Lincoln, NE 68502-3785 (402) 441-8000

NON TRANSFERABLE

PERMIT

Permit
SEWAGE INSTALLATION

No. 94380115401

Issued 04/13/94
Expires 09/13/94
Revenue Code 18754

Establishment
GEORGE VOGEL
T9N R6E SEC 4
YANKEE HILL LOT 14

FEES: $150.00

TOTAL $150.00

Permittee
GEORGE VOGEL
1400 W BURNHAM ST
LINCOLN NE 68522

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: _____

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: (LOT 14, SE4, SEC 4, T9N, R6E, YANKEE HILL)

1. Legal description of property: Twp. ?T9N ; Range R6E ; Section 4 ; Block ? : Lot 14 : Addition YANKEE HILL
   Street Address 1270 W. BURNHAM ST. (EXIST)
   1400 W. BURNHAM ST. (NEW AS/CITY)
2. Property Use: Residential ☒ ; Commercial ☐ Other Use ☐
   No. of Bedrooms 1 . Describe _____
3. Type of Individual Sewage Disposal System: Septic Tank ☒ ; Other ☐
4. Distance to public sewer: UNKNOWN MILES ~~Ft.~~

George R. Vogel
Signature of Applicant (Owner or Lessee)

1270 W. BURNHAM ST.
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. 4/12/94. Date Frwd. 4/13/94. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood
2. Supt. Bldg. Insp.: or Village Clerk: Date Rec'd. 4-13-94. Date Frwd. 4-13-94. ACTION: Approved ☒ Disapproved ☐ Signature: Bruce L. Michaelson
3. City or County Engineer: Date Rec'd. 4-13-94. Date Frwd. _____. ACTION: Approved ☒ Disapproved ☐ Signature: [illegible]

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 1/22/96 by: J.C.H.
Date: _____ by: _____
Date: _____ by: _____

INSTALLATION FINAL WRITTEN APPROVAL
Date: 1/22/96 By: Jerrold C. Hood *

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

FORM 23-43

* NOT ALL INSPECTED AT THE TIME HENCE APPROVAL IS PROVISIONAL

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

B

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township T9N ; Range R6E ; Section & ¼ Section 4 & SE4
Property Dimensions: 300 ft. x 600 ft. Area: 4.7± 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 APR 94 to 10 APRIL 94 . Weather: Precip. NO Temp. 63° CLOUDY OVERCAST

OWNER: George R. Vogel

Address: 1400 W. BURNHAM ST.

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings					4:00	Results	
		SAT Start		End		SUNDAY Start 3" TOP			End		Elaps-	Water	
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.)	ed Time (Min.)	Level Drop (in.)	Perco- lation Rates (Min./in.)
1	36	9 APRIL	3:00	9 APR	7:00	10 APR	3:00 PM	NAIL 3 IN FROM TOP	3:30	-7½"	60 MIN	-12½"	4.8
2	36	9 APR.	3:00	9 APR	7:00	10 APR	"	"	3:30	-4¾	60 MIN	-9"	6.6
3	36	9 APR	3:00	9 APR	7:00	10 APR	"	"	3:30	-3½	"	-7½	8.0
4	36	9 APR	3:00	9 APR	7:00	10 APR	"	"	3:30	-7"	"	-11"	5.1
5	36	9 APR	3:00	9 APR	7:00	10 APR	"	"	3:30	-6½	"	-10"	6 MIN/INCH
6	36	9 APR	3:00	9 APR	7:00	10 APR	"	"	3:30	-4½	"	-8¾"	6.8

Sum of Percolation Rates: 37.3
37.3 ÷ 6 Average of Rates: 6.2
Mean of Rates: 6.1

George R. Vogel
Signature of Person Conducting Test

Address 1400 W BURNHAM ST. Phone 477-7100 Home
479-4784 WORK

(Do not write below this line)

REVIEWING ACTION

Remarks: Sewage system to be set in high Kennebec Silt Loam
Soil Type (SCS):
Date: _____

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

_____
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 DEPARTMEN
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

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.

(SEE ATTACHED SCALE DRAWINGS)

REVIEWING ACTION

Remarks: _____

Date: April 13, 1994

Minimum Design Requirement
1. Capacity of Septic Tank 1000 gals.
2. Total Length of Laterals 48 ft.
3. With a Trench Width of 3' = 36" in.
4. Total Area of Lateral needed 135 sq.ft.

Gerrold C. Hood
Signature of Reviewing Official

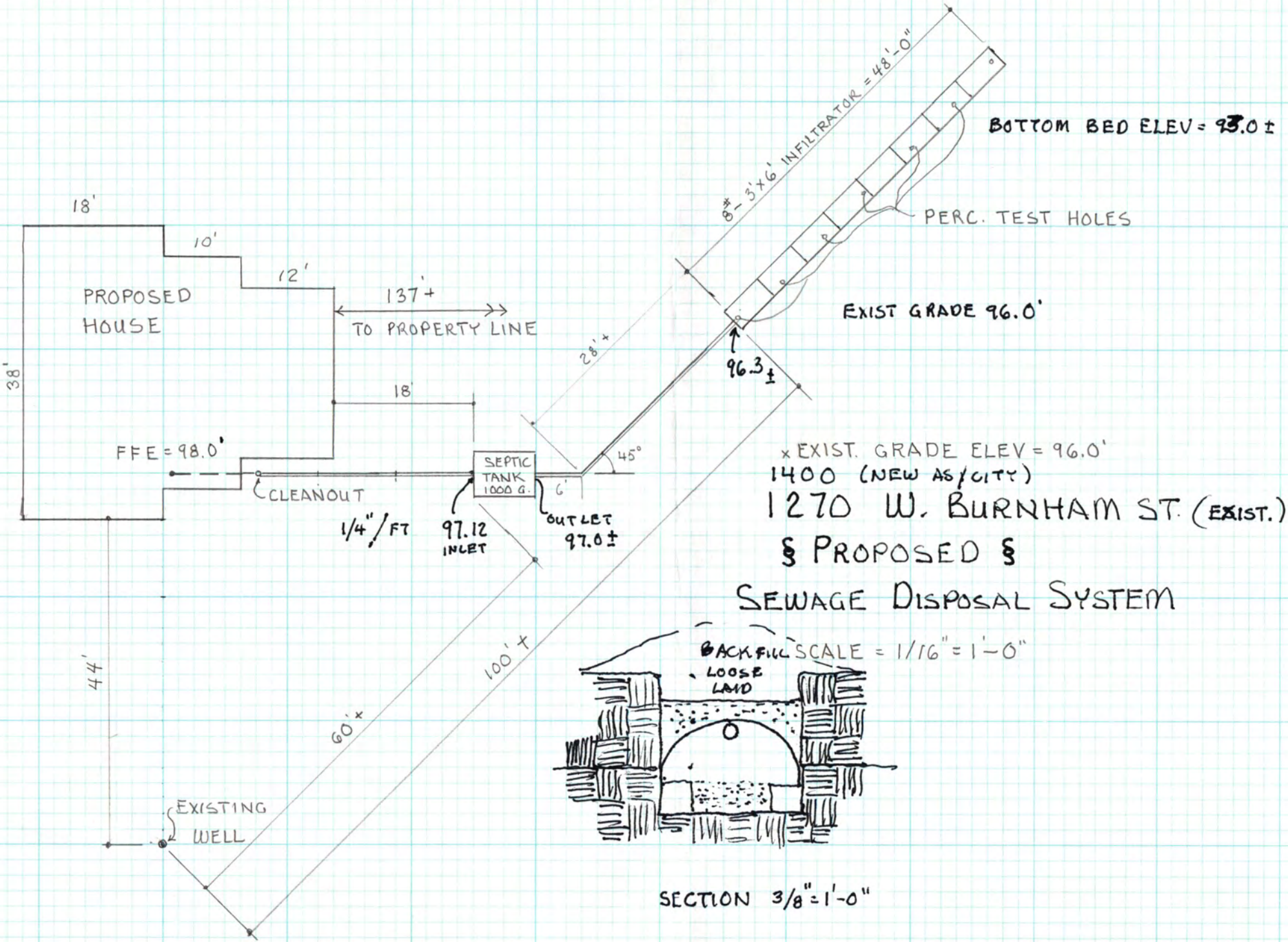

18'
10'
12'
PROPOSED HOUSE
137'+
TO PROPERTY LINE
38'
18'
FFE = 98.0'
CLEANOUT
1/4"/FT
SEPTIC TANK 1000 G.
97.12 INLET
6'
OUTLET 97.0±
45°
28'+
8 - 3'x6' INFILTRATOR = 48'-0"
BOTTOM BED ELEV = 95.0±
PERC. TEST HOLES
EXIST GRADE 96.0'
96.3±
x EXIST. GRADE ELEV = 96.0'
1400 (NEW AS/CITY)
1270 W. BURNHAM ST. (EXIST.)
§ PROPOSED §
SEWAGE DISPOSAL SYSTEM
44'
60'+
100'+
EXISTING WELL
BACKFILL LOOSE LAID
SCALE = 1/16" = 1'-0"
SECTION 3/8" = 1'-0"

TABLE 7 p. 93

DWELLINGS : Single Family Dwelling — GAL / PERSON / DAY

75

KITCHEN = 10
TOILET = 25
SHOWERS = 25
LAUNDRY = 15
75

PERCOLATION RATE TABLE 11 p. 46

MINUTES TO FALL 1 INCH / 6.1 MINUTES AS Per Test

1 or less Best = 5.0 Gal / Ft / DAY
15 POOR = 0.9 Gal / Ft. / DAY
30 ↑ UNSUITABLE = 0.8 " " "
60 ↑ UNSUITABLE

MIN./1in	RATE
2	3.5
3	2.9
4	2.5
5	2.2
10	1.6

MIN. 1 = 5.0, ONE PERSON @ 75 ÷ 5.0 = 15 # OF BED.

15 = POOR = 75 ÷ 0.9 = 67.5 # Required

GO W/ WORST SITUATION ↑

÷ 2' TRENCH = 33.75'

SAY 34 LF

3' WIDE = 67.5 ÷ 3' = 22.5 LF

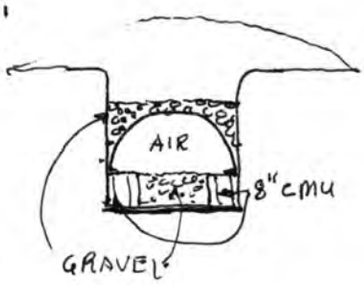
SIZE OF INFILTRATOR™ = 3' x 6 1/4' x 1 1/4'

8# x 6 = 48 LF *

x 3' WIDTH

144 #





SIZE OF SEPTIC TANK = MIN. 1000 GAL. CONC.

(PERMIT PACKAGE SENT IN MAIL)

FIXTURE UNITS :

CLOTHES WASHER	= 3	
BATH GROUP x 2	= 6	x 2 = 12
TOILET - W.C. TANK	= 4	
WASH SINK	= 2	
KITCHEN SINK	= 2	

4" PIPE @ 1/8" FALL
180 FIXT. UNITS → 23 OK

TABLE 12 p. 49
4" PIPE 1/4" / FT FALL
216 MAX. FIXT. UNITS

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: _____

FILE NO. _____

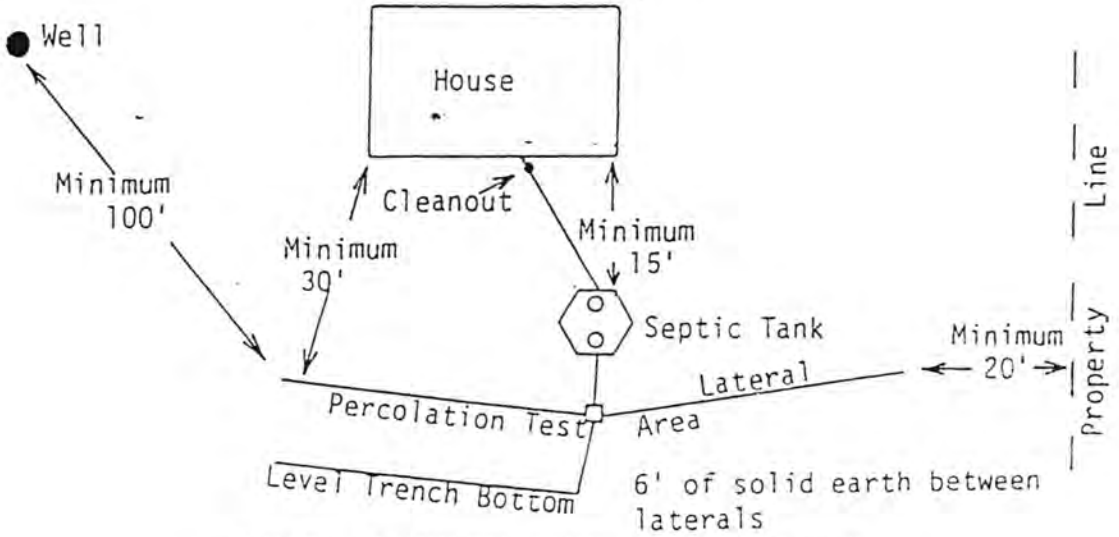
SPECIFICATIONS AS BUILT

A. BUILDING SEWER: SCH.40
1. Material PVC ; Diameter 4 in.
2. Distance above basement floor N/A in., or below basement floor 10 in.
3. Distance between dwelling and septic tank 18 ft.
4. Number of clean-outs ONE .
5. Distances to:
Well or Suction Line 60 ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.

B. SEPTIC TANK:
1. Material CONC. ; No. of compartments _____.
2. Capacity 1000 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 3' or
Perforated Pipe _____.
Material: fiberglass ☒; plastic ☐; concrete ☐ ; other _____.
2. Lateral Lines:
Number 1 ; Length of each line 48 , _____, _____, _____, _____ ft.;
Total length of laterals 48 ft.;
Distance between lateral lines ____ ft.
3. Trench dimensions: Width 3 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