LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

2200 ST. MARYS
LINCOLN, NEBRASKA 68502

FILE NO. 2664-C

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF PERMIT

NOVEMBER 13, 1988 — THIS PERMIT EXPIRES

STEVEN A. SHANAHAN — ISSUED TO

ROUTE #1, BOX 70-C BENNET, NE 68317 — ADDRESS

T12N; R6E; Sec E½, E½ 22 — LEGAL DESCRIPTION

REMARKS: NON-TRANSFERABLE NEW CONSTRUCTION

PERMIT	INSPECTION FEE	OCCUPATION TAX	TOTAL
$ 60.00	$	$	$ 60.00
ACCOUNTING NO.	ACCOUNTING NO.	ACCOUNTING NO.	CODE
	110.16	148.14	6-2

RECEIPTED BY	DATE	AMOUNT
JS	5-12-88	60.00

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

HEALTH
ISSUING OFFICER

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

20109-0977

782-8083 Shannahan

RECEIVED MAY 18 1988

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: $ 60.00

FILE NO. 2674-C

DATE: MAY 10 1988

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. 12 NORTH; Range 6 EAST ; Section 22 ; E 1/2, E 1/2
   Block _____ : Lot 8 : Addition _____
   Street Address _____

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: NONE ft.

Steven A Shanahan
Signature of Applicant (Owner or Lessee)

RFD 1 Box 70C Bennet NE 68317
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. 5/13/88. Date Frwd. 5/16/88. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: or Village Clerk Date Rec'd. 5-16-88. Date Frwd. 5-18-88. ACTION: Approved ☒ Disapproved ☐ Signature: Paul Baum

3. City or County Engineer: Date Rec'd. 5/16/88. Date Frwd. 5/16/88. ACTION: Approved ☐ Disapproved ☐ Signature: Larry V Worrell

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 8/15/88 by: J. C. Hood
Date: _____ by: _____
Date: _____ by: _____

INSTALLATION FINAL WRITTEN APPROVAL
Date: 9/19/88 By: J. C. Hood

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

B

FILE NO. 2667-C

PROPERTY WHERE SOIL TESTED:

Location: Township 12 NORTH; Range 6 EAST; Section & ¼ Section E½, E½, SEC 22.
Property Dimensions: 695 ft. x 1318 ft. Area: 21 acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☐ ; Silty Clay Loam ☒ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .
Dates of Tests: MAY 7 1988 to MAY 8 1988. Weather: Precip. TRACE Temp. 70.

OWNER: STEVEN A SHANAHAN & ELIZABETH JANE SHANAHAN
Address: RFD 1 Box 70-C BENNET NE 68317

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	27½	5-7	1:15 PM	5-7	7:00 PM	5-8	1:15 PM	12"	1:45 AM	11	30	1.00	30
2	26									9.25		2.75	10.9
3	26									10		2.00	15
4	29½									9		3.00	10
5	28									9.25		2.75	10.9
6	29									9.50		2.50	12
7	28									8.25		3.75	8
8	26									10.50		1.50	20
9	28									10.50		1.50	20
10	29									9.75		2.25	13

Cont. attached

Sum of Percolation Rates: 197.7
Average of Rates: 14.12
Mean of Rates:

Steven A Shanahan
Signature of Person Conducting Test

Address Steven A Sh Phone 782-8083

(Do not write below this line)

REVIEWING ACTION

Remarks: SEVERAL SOILS
Soil Type (SCS):
Date: MAY 13, 1988

Approved Percolation Rate (a)
A. 13 min./inch
B. _____ min./inch
C. _____ min./inch

Jerrold C. Hood
Signature of Reviewing Official

2667-C

a	b	c.	d	e	f	G	h	i	j	K	l	m	n
11	28"	5-7	1:15pm	5-7	7:00pm	5-8	4:15pm	12"	1:45pm	9.25	30	2.75	10.9
12	26									9.50		2.50	12
13	28									9.		3.00	10
14	29									10.		2.00	15

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

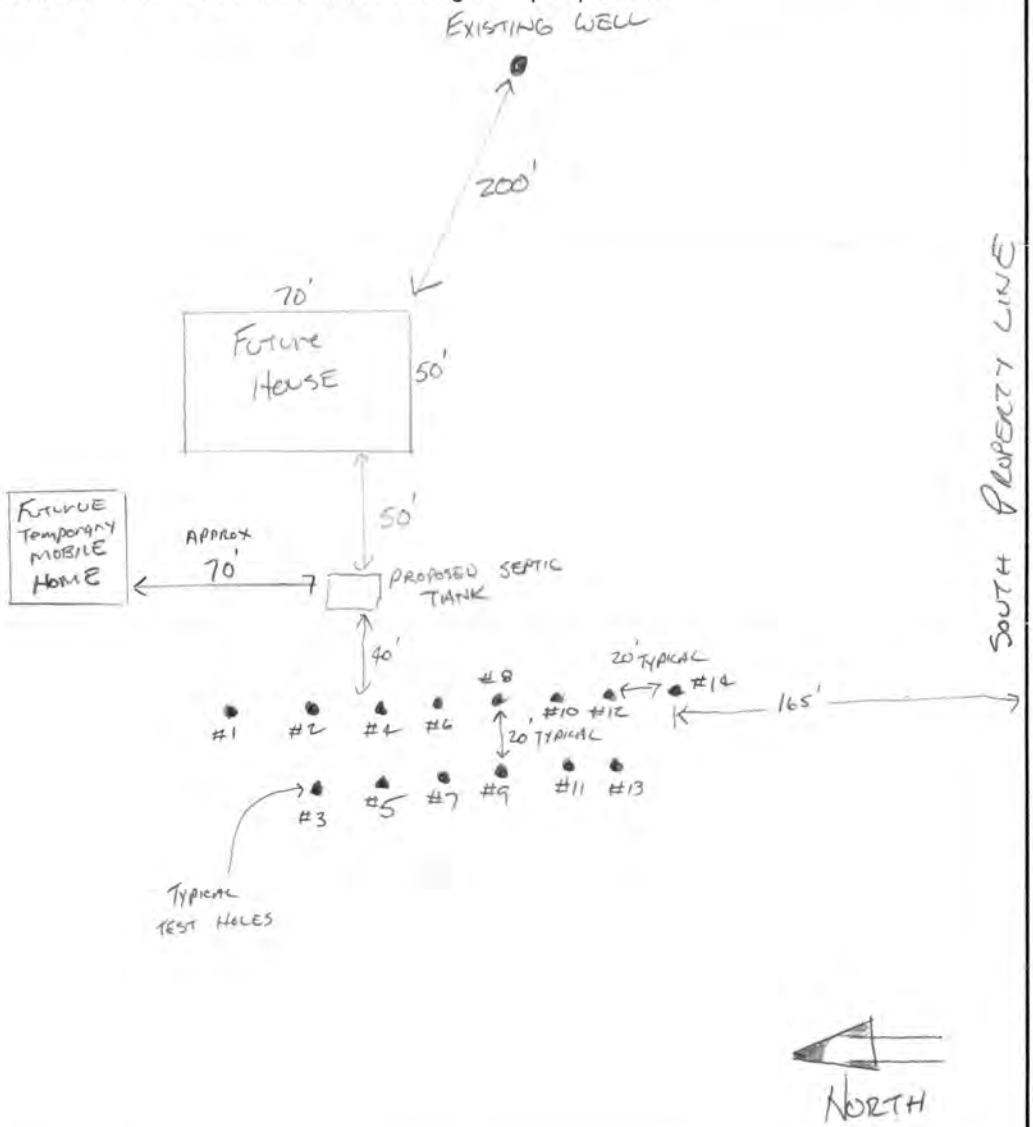
LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

C

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

FILE NO. 2667H-C

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



REVIEWING ACTION

Remarks: _____

Date: MAY 13, 1988

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 543 sq.ft.

Jerrold C. Hood
Signature of Reviewing Official

RECEIVED SEP 19 1988

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~~ 8000

D

DATE: August 13 1988

FILE NO. 2664-C

STEVEN SHANAHAN T12N R6E SE¼ E½ 22

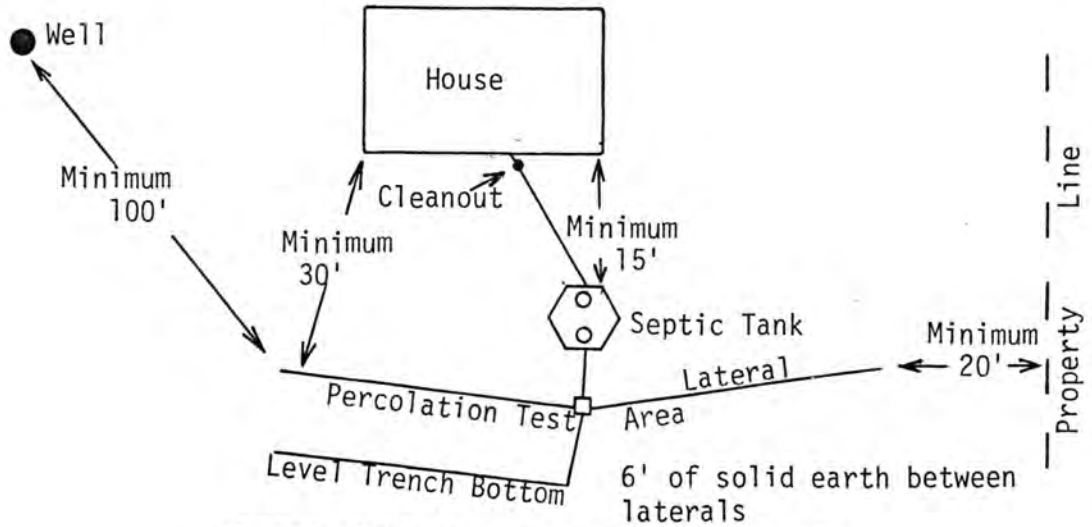
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material Cast Iron; Diameter 4 in.
2. Distance above basement floor ____ in., or below basement floor ____ in.
3. Distance between dwelling and septic tank 91 ft.
4. Number of clean-outs 1.
5. Distances to:
Well or Suction Line ____ ft.;
Stream ____ ft.; Pressure Line ____ ft.; Property Line 200 ft.

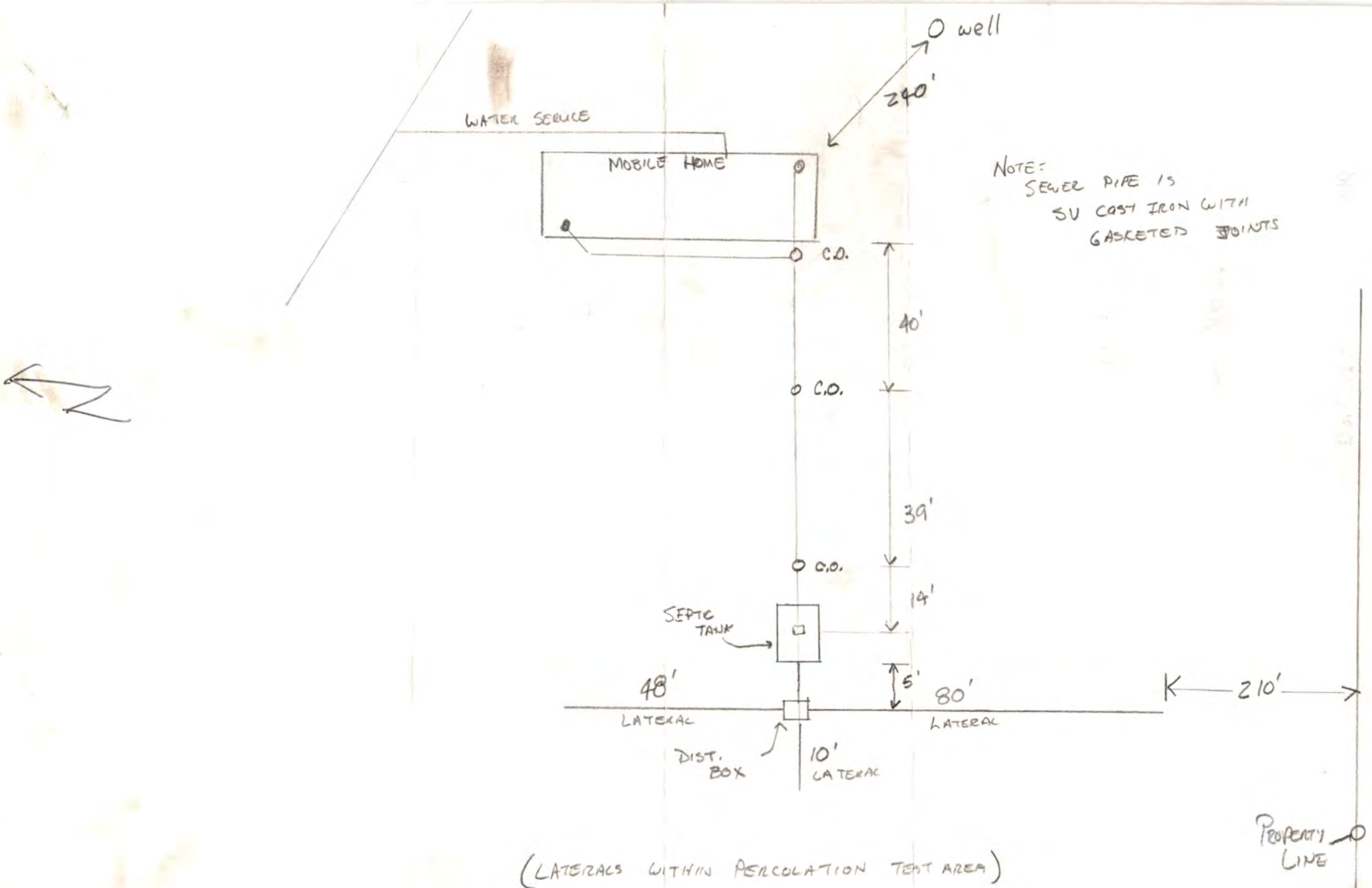
B. SEPTIC TANK:
1. Material Concrete; No. of compartments 2.
2. Capacity 1000 gals.;
3. Factory Built: Yes ☒ No ☐
(Company PRE Cast STEP)
4. Manholes: Over Inlet; diam. 10 in.
Over Outlet; diam. 16 in.
Riser Above ☐ Below ☐ Grade ____ in.
5. Inlet: Baffle ☒ ; or Tee ☐
6. Outlet: Baffle ☒ ; or Tee ☐
7. Depth of top of tank below finished grade 21 in.
8. Distances to:
Well or Suction Line ____ ft.;
Stream ____ ft.; Pressure Line ____ ft.; Property Line 300 ft.

C. DISTRIBUTION BOX:
1. Material Concrete; Number - available outlets 5.
2. Factory Built: Yes ☒ No ☐
(Company Precast Step)
3. Distance from Septic Tank 5 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 ____.
2. Lateral Lines:
Number 3 ; Length of each line 80, 8, 48, ____, ____ ft.;
Total length of laterals 136 ft.;
Distance between lateral lines ____ ft.
3. Trench dimensions: Width 4 ft.;
Slope 6 in/100 ft.; Average Depth 40-49 in.
4. Filter Material: GRAVEL
Depth of Material 30-36 in.
5. Distances to:
Well or Suction Line ____ ft.;
Stream ____ ft.; Pressure Line ____ ft.; Property Line 210 ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


well
240'
WATER SERVICE
MOBILE HOME
NOTE:
SEWER PIPE IS
SV CAST IRON WITH
GASKETED JOINTS
C.O.
40'
C.O.
39'
C.O.
14'
SEPTIC
TANK
5'
48'
80'
210'
LATERAL
LATERAL
DIST.
BOX
10'
LATERAL
PROPERTY
LINE
(LATERALS WITHIN PERCOLATION TEST AREA)