LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

2200 ST. MARYS
LINCOLN, NEBRASKA 68502

FILE NO. 2756-C

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF PERMIT

6 MONTHS — THIS PERMIT EXPIRES

DONALD BODFIELD — ISSUED TO

1114 "G" ST. #1 LINCOLN, NE 68508 — ADDRESS

T8N; R8E; Sec. 36, NW¼ of NW¼; 176th & Hickman Rd. — 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	10-14-22	60.00

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

HEALTH
ISSUING OFFICER

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

20109-0977

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. 2756-C

DATE: Oct 14, 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. 8N ; Range 8E ; Section 36 ; NW¼ of NW¼
   Block _____ : Lot _____ : Addition _____
   Street Address 1764 + Hickman Rd.

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: _____ ft.

Donald Bodfield
Signature of Applicant (Owner or Lessee)

1114 "G" ST., APT #1,
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. 10/14/88. Date Frwd. 10/14/88. ACTION: Approved ☒ Disapproved ☐ Signature: Jerold C. Hood

2. Supt. Bldg. Insp.: or Village Clerk Date Rec'd. 10/14/88 Date Frwd. 10/14/88 ACTION: Approved ☒ Disapproved ☐ Signature: [illegible]

3. City or County Engineer: Date Rec'd. 10/13/88. Date Frwd. _____. ACTION: Approved ☒ Disapproved ☐ Signature: [illegible]

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 10/26/88 by: J. C. Hood
Date: _____ by: _____
Date: _____ by: _____

INSTALLATION FINAL WRITTEN APPROVAL
Date: 12/29/88 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. _____

PROPERTY WHERE SOIL TESTED:

Location: Township _____; Range _____; Section & ¼ Section _____.
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: Oct 12, 1988 to Oct. 13, 1988. Weather: Precip. — Temp. 65°.

¼ S of 176th & Hickman Rd on E side. Perk test closer to driveway than Road

OWNER: Donald Bucfield
Address: _____

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	10-12	1 PM	10-12	5 PM	10-13	1 PM	6	1:30 PM 10-13	5¼"	30	¾	
2	36	10-12	1 PM	10-12	5	10-13	1	6	1:30/13	5	30	1	
3	36	10-12	1 PM	10-12	5	10-13	1	6	1:30/13	4	30	2	
4	36	10-12	1 PM	10-12	5	10-13	1	6	5/13	5	240	1	
5	36	10-12	1 PM	10-12	5	10-13	1	6	1:30/13	6	30	0	
6	36	10-12	1 PM	10-12	5	10-13	1	6	5/13	5	240	1	

Donald Bucfield
Signature of Person Conducting Test

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

Address _____ Phone 477-0573 - WK. 477-5103

(Do not write below this line)

REVIEWING ACTION

Remarks: _____
Soil Type (SCS): _____
Date: _____

Approved Percolation Rate (a)
A. 32 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 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._____

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

40 acres



REVIEWING ACTION

Remarks :_____

_____

Date:_____

Minimum Design Requirement
1. Capacity of Septic Tank 1000 gals.
2. Total Length of Laterals 194 ft.
3. With a Trench Width of 48 in.
4. Total Area of Lateral needed 774 sq.ft.

Jerrold C. Wood
Signature of Reviewing Official

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: Oct. 26, 1988

FILE NO. _____

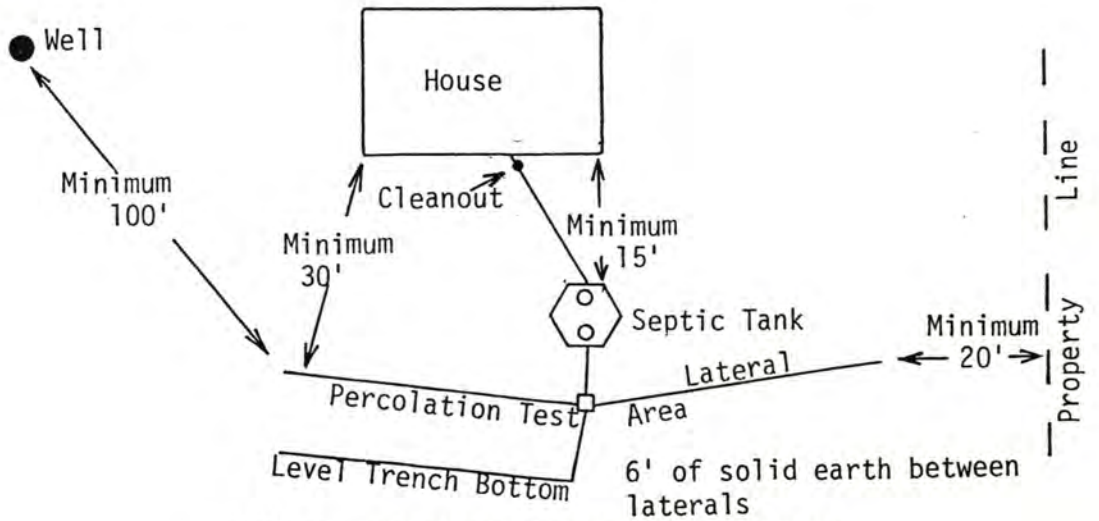
SPECIFICATIONS AS BUILT

A. BUILDING SEWER: sch-40
1. Material Plastic ; Diameter 4 in.
2. Distance above basement floor _____ in., or below basement floor _____ in.
3. Distance between dwelling and septic tank 105 ft.
4. Number of clean-outs 2 .
5. Distances to:
Well or Suction Line 78 ft.; Stream - ft.; Pressure Line _____ ft.; Property Line 78 ft.

B. SEPTIC TANK:
1. Material Concrete ; No. of compartments. _____ .
2. Capacity 1000 gals.;
3. Factory Built: Yes ☒ No ☐
(Company Pre-Cast Step Co)
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 8 in.
8. Distances to:
Well or Suction Line 136 ft.; Stream - ft.; Pressure Line 136 ft.; Property Line 75 ft.

C. DISTRIBUTION BOX:
1. Material Concrete ; Number - available outlets 1 .
2. Factory Built: Yes ☒ No ☐
(Company Pre Cast step)
3. Distance from Septic Tank 10 ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round 24" or Perforated Pipe _____ .
Material: fiberglass ☐ ; plastic ☐ ; concrete ☒ ; other _____ .
2. Lateral Lines:
Number 2 ; Length of each line 100 , 100 , _____ , _____ , _____ ft.;
Total length of laterals 200 ft.;
Distance between lateral lines 20 ft.
3. Trench dimensions: Width 4 ft.;
Slope 4 in/100 ft.; Average Depth _____ in.
4. Filter Material: gravel
Depth of Material _____ in.
5. Distances to:
Well or Suction Line 136 ft.; Stream - ft.; Pressure Line 136 ft.; Property Line 75 ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

U.S.DEPARTMENT OF AGRICULTURE
Soil Conservation Service

NE-CPA-5
7/81

SOILS INFORMATION

(Prepared by U. S. Department of Agriculture, Soil Conservation Service cooperating with University of Nebraska, Conservation and Survey Division, and Natural Resources Districts)

New owner 10-1-88 Donald Bodfield

LAND USER Donald K. Boldt & Hazel Boldt Acres 80

Lancaster Co., Nebr. App. Scale: 3.2 "/Mi. Date 7/27/82

Legal Description: W½W½SW¼ 25-8-8 & NW¼NW¼ 36-8-8



MeD2 - IVe-2 Mayberry silty clay loam, 7 to 11 percent slopes, eroded. This is a deep, moderately well drained, strongly sloping soil formed in reddish weathered glacial till on uplands. Erosion has thinned the silty clay loam surface layer. The subsoil is slowly permeable clay and clay loam.

No - IIw-3 Nodaway silt loam, 0 to 2 percent slopes. This is a moderately well drained, nearly level soil formed in alluvium on bottomlands. It has a silt loam surface layer and a moderately permeable silt loam and silty clay loam underlying material. It is occasionally flooded.

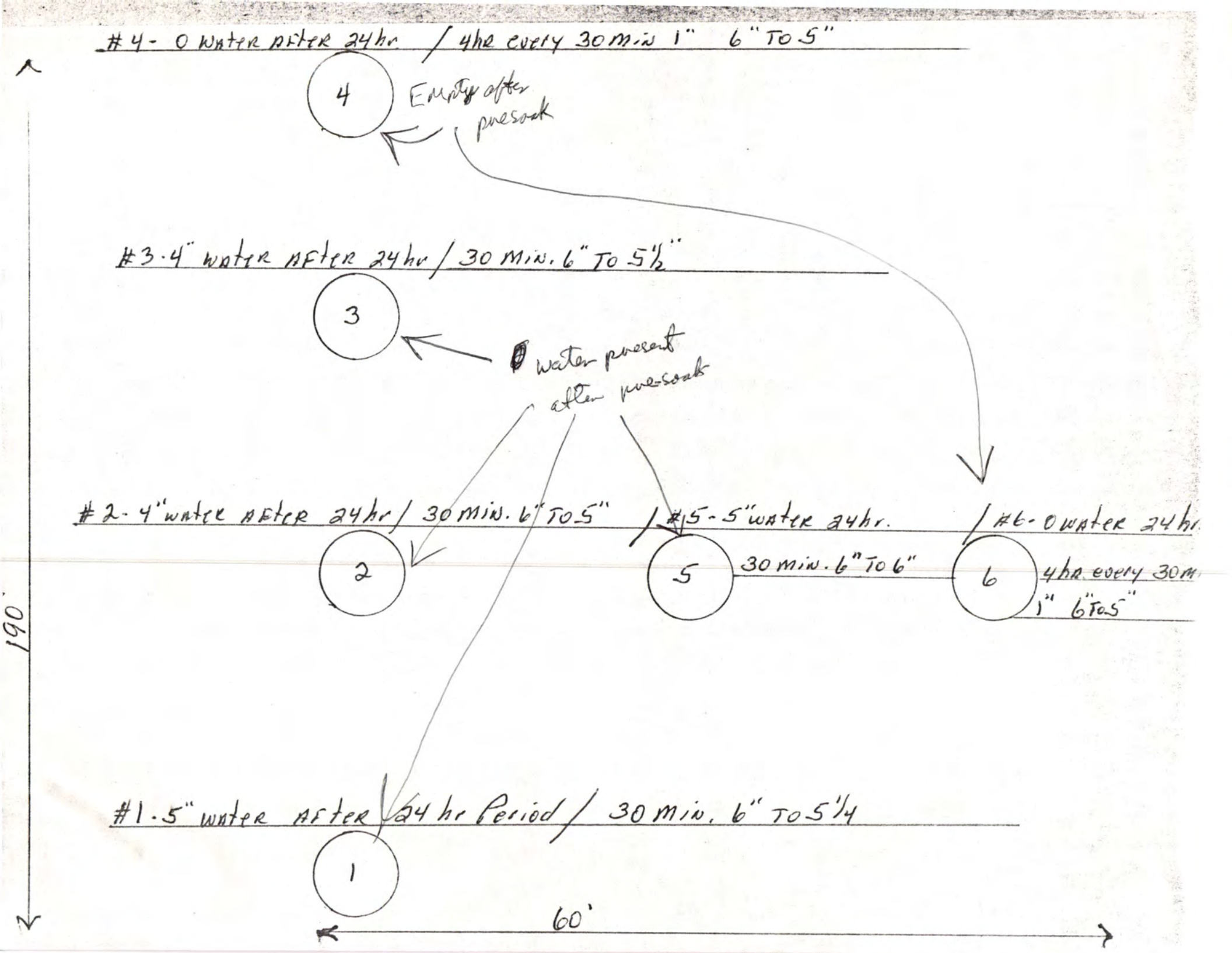
PaC2 - IIIe-2 Pawnee clay loam, 2 to 7 percent slopes, eroded. This is a deep, moderately well drained, gently sloping soil formed in glacial till on uplands. Erosion has thinned the clay loam surface layer. The subsoil is slowly permeable clay.

PaD2 - IVe-2 Pawnee clay loam, 7 to 11 percent slopes, eroded. This is a deep, moderately well drained, strongly sloping soil formed in glacial till on uplands. Erosion has thinned the clay loam surface layer. The subsoil is slowly permeable clay and clay loam.

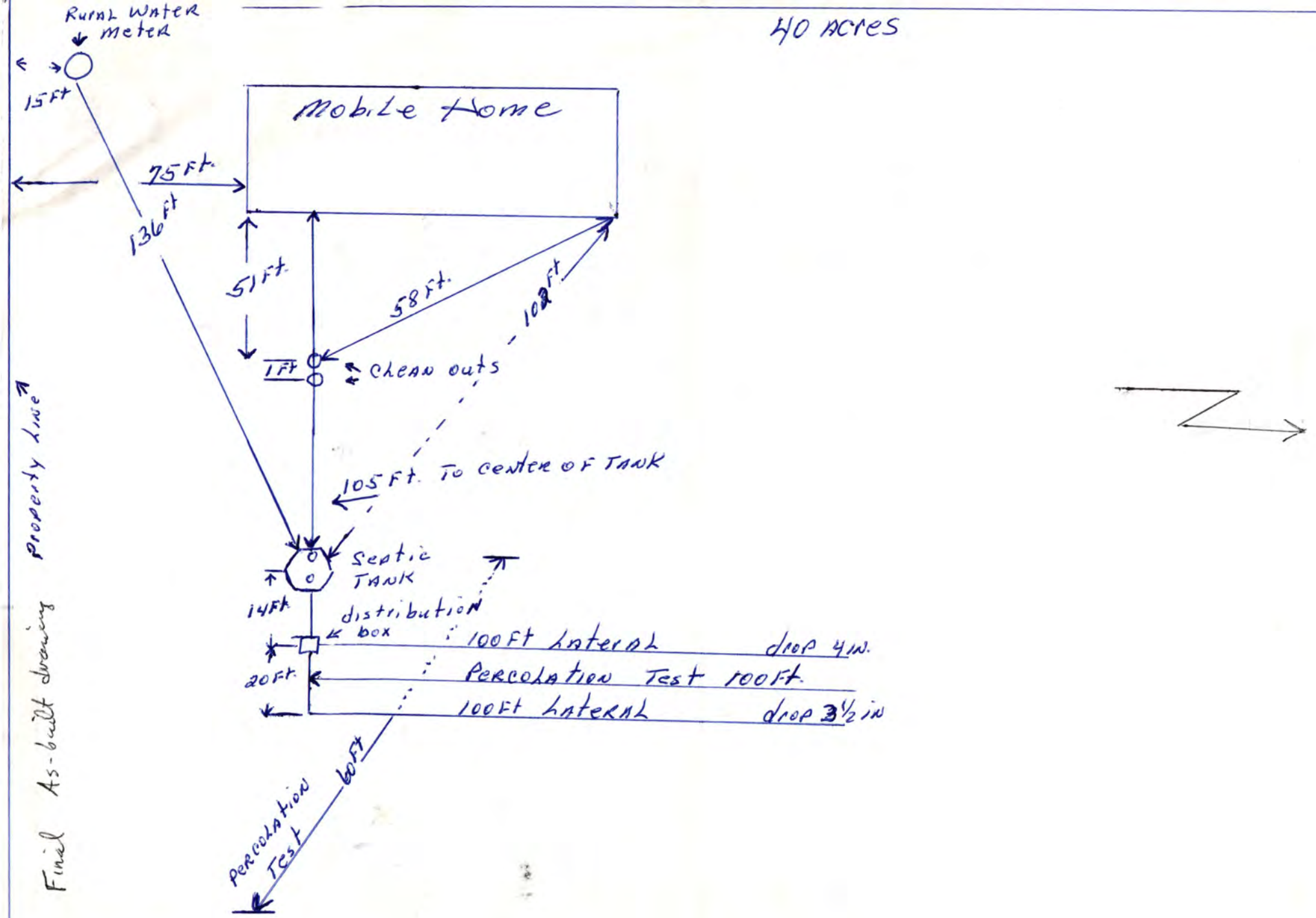
Wt - IIs-2 Wymore silty clay loam, 0 to 1 percent slopes. This is a deep, moderately well drained, nearly level soil formed in loess on uplands. It has a silty clay loam surface layer and a slowly permeable silty clay subsoil.

WtC2 - IIIe-2 Wymore silty clay loam, 3 to 7 percent slopes, eroded. This is a deep, moderately well drained, gently sloping soil formed in loess on uplands. Erosion has thinned the silty clay loam surface layer. The subsoil is slowly permeable silty clay.

WtD3 - IVe-4 Wymore silty clay, 5 to 9 percent slopes, severely eroded. This is a deep, moderately well drained, strongly sloping soil formed in loess on uplands. Erosion has thinned the silty clay surface layer. The subsoil is slowly permeable silty clay and silty clay loam.


#4 - 0 water after 24hr / 4hr every 30 min 1" 6" TO 5"
4
Empty after presoak
#3 - 4" water after 24hr / 30 min. 6" TO 5½"
3
water present after pre-soak
#2 - 4" water after 24hr / 30 min. 6" TO 5"
2
#5 - 5" water 24hr.
5
30 min. 6" TO 6"
#6 - 0 water 24hr
6
4hr every 30m
1" 6" TO 5"
#1 - 5" water after 24 hr Period / 30 min. 6" TO 5¼
1
190'
60'

40 Acres


Rural Water Meter
15 Ft
Mobile Home
75 Ft.
136 Ft
51 Ft.
58 Ft.
102 Ft
1 Ft
Clean outs
105 Ft. To center of Tank
Septic Tank
14 Ft
distribution box
100 Ft Lateral
drop 4 in.
20 Ft.
Percolation Test 100 Ft.
100 Ft Lateral
drop 3½ in
Percolation Test
60 Ft
Property Line
Final As-built drawing