LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

2200 ST. MARYS
LINCOLN, NEBRASKA 68502

FILE NO. 1834-C

INDIVIDUAL SEWAGE DISPOSAL — TYPE OF PERMIT

April 1, 1982 — THIS PERMIT EXPIRES

FELIX CHU — ISSUED TO

RT. 8, LINCOLN, NE 68506 — ADDRESS

T9N; R7E; South ¼ of Section 33 — LEGAL DESCRIPTION

REMARKS: NONTRANSFERABLE EXTEND LATERAL

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

HEALTH
ISSUING OFFICER

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

20109-0977

FORM HD-41(73) APPLICATION FOR PERMIT TO ALTER, EXTEND OR REPAIR INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 ☒
County Resolution No. 2832 ☒

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Ave.
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO. 1834-C

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

DATE: 9-15-81

The undersigned hereby applies for a permit to ALTER ☒, EXTEND ☐, or REPAIR ☐ an existing Individual Sewage Disposal System, in conformance with appropriate Ordinance or Resolution, as described in this application and drawings attached hereto.

1. Legal description of property: Twp. 9N ; Range 7E ; Section 33 SW/4 ;
Block _____; Lot _____; Addition _____
Street Address _____

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

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

4. Description of proposed alteration, extension or repair: EXTEND LATERAL SYSTEM 58' of 4" Wide

5. Work to be done by: Owner ☐ ; or Contractor ☒ , SOUTHWICK SERVICES
Contractor's Name

6. Estimated cost of project:

a. Materials	$	345 00
b. Labor	$	300 00
c. Other	$	
TOTAL	$	645 00

Felix Chu (CHU) by Brad Southwick
Signature of Applicant (owner or lessee)

RT 8 Lincoln
Address

(Do not write below this line)

REVIEWING ACTION

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

2. Site Visits:
Date: 9-29-81 by: JMM covered w/o inspection
Date: _____ by: _____
Date: _____ by: _____

3. Date: Approved ☒; Disapproved ☐
by: Jerrold E. Hood

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: _____ by: _____

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: 474-1541

B

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township 9N ; Range 7E ; Section & ¼ Section 33 SW/4
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: 9-11 to 9-12-81 . Weather: Precip. 0 Temp. 70s.

Ball Real Estate Corp
4444 O St.
Lincoln, NE
FRAN BILBY

OWNER: PHIL SWEENY
Address: RT 8 LINCOLN, NE

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	28	9/11	9:00	9/12	8:30	9/12	11:00	21¼	11:30	21¾	30	½	60
2	24		AM					17⅞		18⅞		1	30
3	19							11½		12		½	60
4	28							18⅜		19⅝		1¼	24
5	24							14⅞		15½		⅝	48
6	22							12⅛		12½		⅜	80
7	20							9⅝		10		⅜	80
8	18							12⅞		13½		⅝	48

.5
1.0
.5
1.25
.625
.3750
.3750
.625
5.25
÷8
.656

Sum of Percolation Rates: 430
Average of Rates: 53.75
Mean of Rates: _____

Brad Southwick
Signature of Person Conducting Test

Address 701 S 44th Hickman, Ne Phone 792-2462

(Do not write below this line)

REVIEWING ACTION

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

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

_____
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: 474-1541

D

DATE: _____

FILE NO. _____

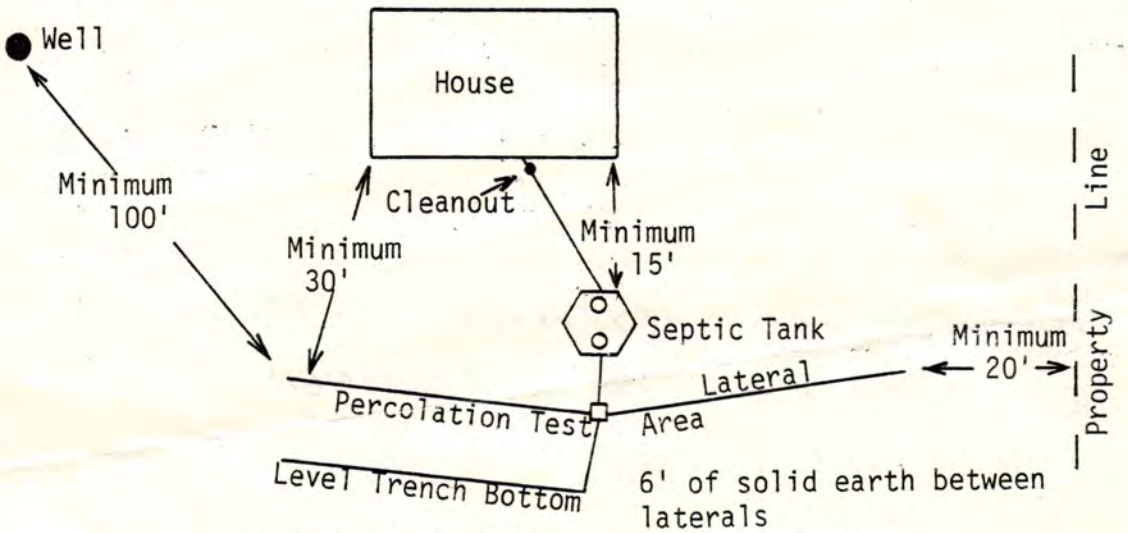
SPECIFICATIONS AS BUILT

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

B. SEPTIC TANK:
1. Material CONCRETE; No. of compartments 2.
2. Capacity ≈ 650 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 15 in.
8. Distances to:
Well or Suction Line 40 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 12" or Perforated Pipe _____.
Material: fiberglass ☒; plastic ☐; concrete ☐ ; other _____.
2. Lateral Lines:
Number 1; Length of each line 100, _____, _____, _____, _____ ft.;
Total length of laterals 100 ft.;
Distance between lateral lines ____ ft.
3. Trench dimensions: Width _____ ft.;
Slope (LEVEL) 0 in/100 ft.; Average Depth 2' 9" in.
4. Filter Material: ROAD GRAVEL
Depth of Material 18 in.
5. Distances to:
Well or Suction Line 20 ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

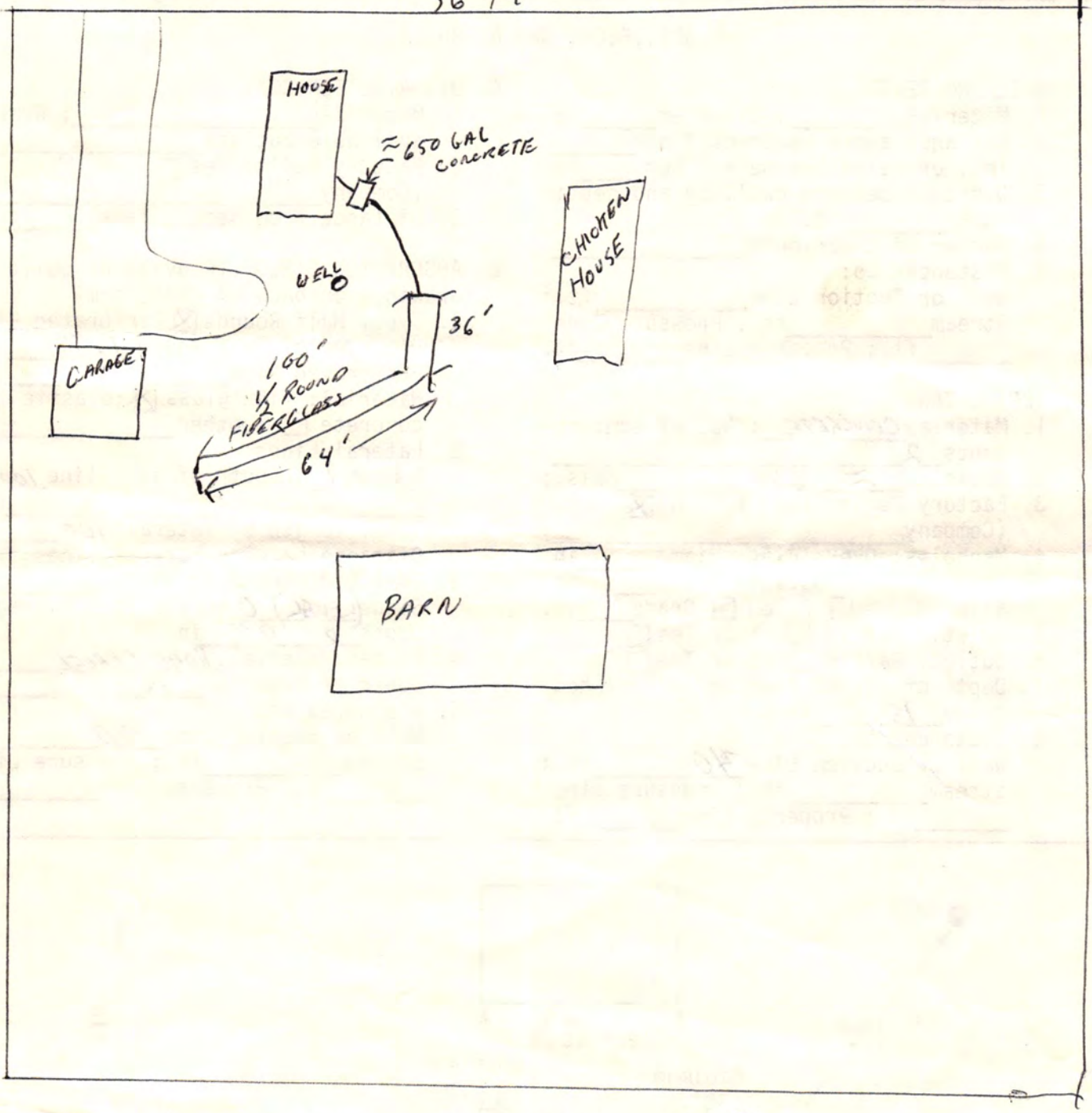
AS BUILT DRAWING OF SYSTEM

DATE _____ INSTALLER _____

Existing System

W ↑ → N

56 ft



100' LATERAL INSTALLED 7-80

OLD OPEN END PIPE ABANDONED

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
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D

DATE: _____

FILE NO. 1834-C

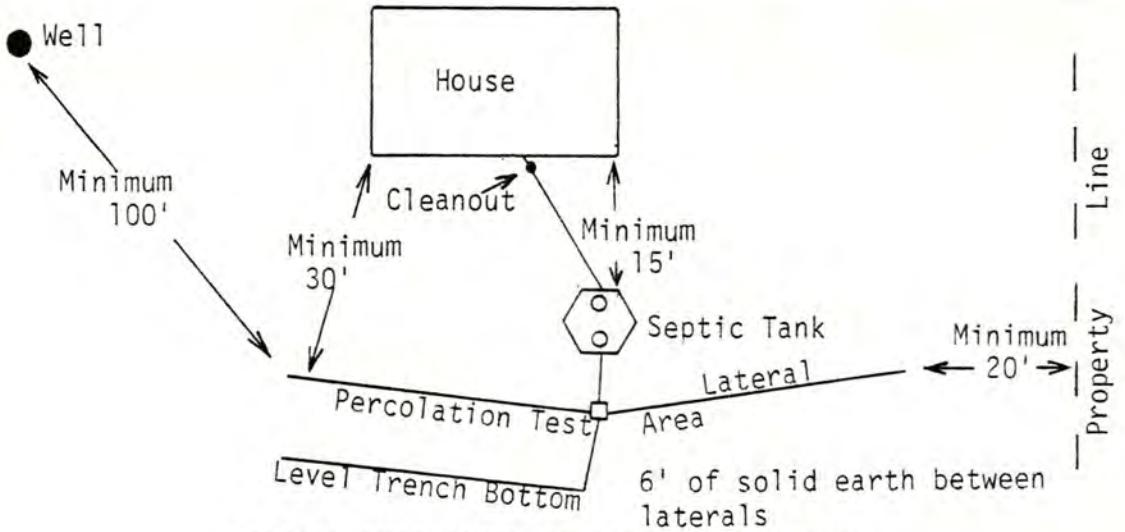
SPECIFICATIONS AS BUILT

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

B. SEPTIC TANK:
1. Material Concrete; No. of compartments 2.
2. Capacity 600 - 700 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 13 in.
8. Distances to:
Well or Suction Line 90 ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line 90 ft.

C. DISTRIBUTION BOX:
1. Material PLASTIC; Number - available outlets 7.
2. Factory Built: Yes ☒ No ☐
(Company _____)
3. Distance from Septic Tank 29 ft.

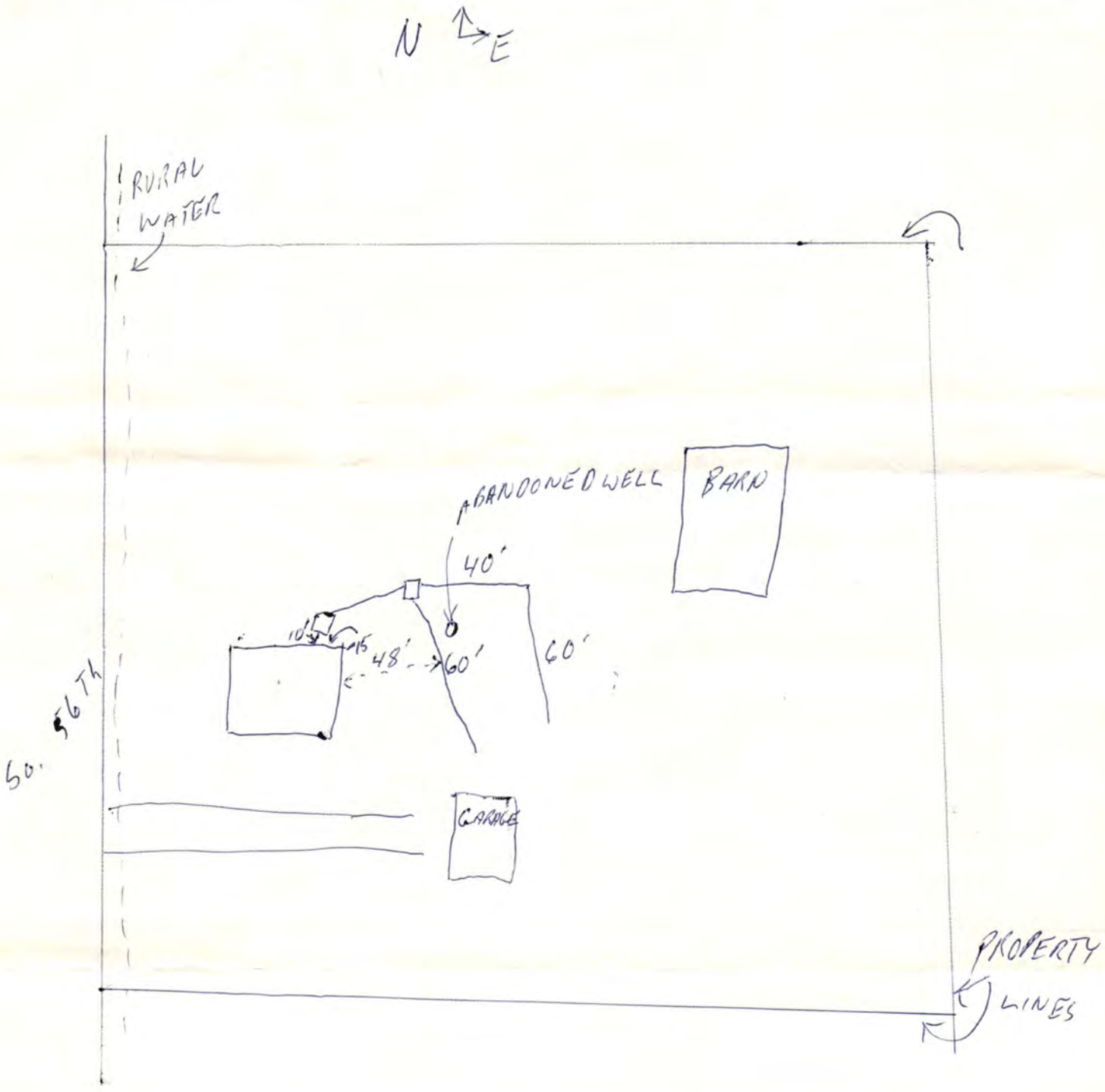
D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round 12" or Perforated Pipe _____.
Material: fiberglass ☒ ; plastic ☐ ; concrete ☐ ; other _____.
2. Lateral Lines:
Number 2 ; Length of each line 100, 60, _____, _____, _____ ft.;
Total length of laterals 160 ft.;
Distance between lateral lines 12 ft.
3. Trench dimensions: Width 4 ft.;
Slope 4 in/100 ft.; Average Depth 36 in.
4. Filter Material: ROAD GRAVEL
Depth of Material 20 in.
5. Distances to:
Well or Suction Line 100 ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line 75 ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

AS BUILT DRAWING OF SYSTEM

DATE 9-28-81 INSTALLER SOUTHWICK SERVICES



system covered without inspection.
well abandoned - also covered prior to inspection. large pieces of concrete wall near the well.