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. 91380074801

Issued 08/27/91
Expires 02/27/92

ESTABLISHMENT

BRAD SOUTHWICK
T8N R8E SEC 10
LOT 25

FEES: Permit 018754 $150.00

Total $150.00

PERMITTEE

BRAD SOUTHWICK
701 E 4TH ST
HICKMAN NE 68372

Issued By COUNTY HEALTH

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

DATE	AMOUNT
9/6/91	PAID

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

RECEIVED AUG 2 0 1991

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: 8-2-91

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 10 ;
   Block _____ : Lot 25 F.T. : Addition _____
   Street Address Cottonwood

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: > 400 ft.

Pride Homes (Johanson) | Brad Southwick
Signature of Applicant (Owner or Lessee)

RFD
Bennet Ne | Hickman, Ne. 68372
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. _____. Date Frwd. _____. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: or Village Clerk: Date Rec'd. 8-9-91. Date Frwd. 8-17-91. ACTION: Approved ☒ Disapproved ☐ Signature: Buffy Cornish, Clerk

3. City or County Engineer: Date Rec'd. 08/21/91. Date Frwd. _____. ACTION: Approved ☒ Disapproved ☐ Signature: [signature]

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 8/21/91 by: J.C. Hood
Date: _____ by: _____
Date: _____ by: _____

INSTALLATION FINAL WRITTEN APPROVAL
Date: 10/4/91 By: Jerrold 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
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B

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township 8N ; Range 8E ; Section & ¼ Section 10 NE/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: 7-18 to 7-19-91. Weather: Precip. 0 Temp. 90s

OWNER: Pride Homes

Address: Bennet, 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	30	7-18	6:30	7-19	6:30	7/19	10:30	19 1/4	11:00	20 1/2	30	1 1/4	
2			A		A		A	19 5/8	A	20 5/8		1	
3								12 1/2		14		1 1/2	
4								23 5/8		24 3/8		1 1/4	
5								16 1/2		18		1 1/2	
6								17 1/4		18 3/4		1 1/2	
												8	
												1.33	
								2 3/4 in					
							1:33	30.00					
								26 3/4					
								3 40					

Sum of Percolation Rates: _____
Average of Rates: 1.33
Mean of Rates: _____

Brad Southwick
Signature of Person Conducting Test

Address 701 E 4 Hickman, N Phone 792-2462

(Do not write below this line)

REVIEWING ACTION

Remarks: _____
Soil Type (SCS): Wymore Silty Clay Loam
Date: August 21, 1991 also fill

Approved Percolation Rate (a)
A. 23 min./inch
B. _____ min./inch
C. _____ min./inch

Jerrold C. Wood
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.

REVIEWING ACTION

Remarks: _____

Date: August 1991

Minimum Design Requirement
1. Capacity of Septic Tank 1000 gals.
2. Total Length of Laterals 222 ft.
3. With a Trench Width of 36 in.
4. Total Area of Lateral needed 665 sq.ft.

Gerrold C. Hoods
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: 7-91

FILE NO. _____

Pride Homes / Johansen
Bennet, Ne

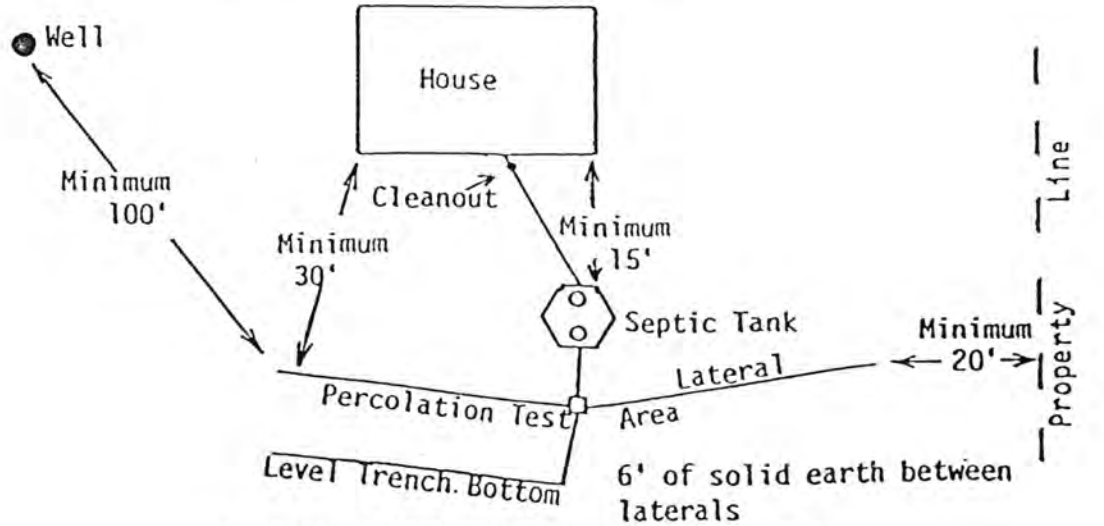
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material PVC; Diameter 4" in.
2. Distance above basement floor 40 in., or below basement floor ____ in.
3. Distance between dwelling and septic tank 26 ft.
4. Number of clean-outs 1.
5. Distances to:
Well or Suction Line NA ft.; Stream >100 ft.; Pressure Line 10' ft.; Property Line >60 ft.

B. SEPTIC TANK:
1. Material Concrete; No. of compartments 1.
2. Capacity 1000 gals.;
3. Factory Built: Yes ☒ No ☐
(Company _____)
4. Manholes: Over Inlet; diam. 12 in.
Over Outlet; diam. 12 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 12 in.
8. Distances to:
Well or Suction Line NA ft.; Stream >100 ft.; Pressure Line >50 ft.; Property Line >60 ft.

C. DISTRIBUTION BOX:
1. Material PVC; Number - available outlets 7.
2. Factory Built: Yes ☒ No ☐
(Company _____)
3. Distance from Septic Tank 6 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 97, 63, 69, _____, _____ ft.;
Total length of laterals _____ ft.;
Distance between lateral lines 30 ft.
3. Trench dimensions: Width 3 ft.;
Slope 4 in/100 ft.; Average Depth 36 in.
4. Filter Material: Road Gravel
Depth of Material 12 in.
5. Distances to:
Well or Suction Line NA ft.;
Stream NA ft.; Pressure Line 35 ft.; Property Line NA ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

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: 8-2-91

FILE NO. _____

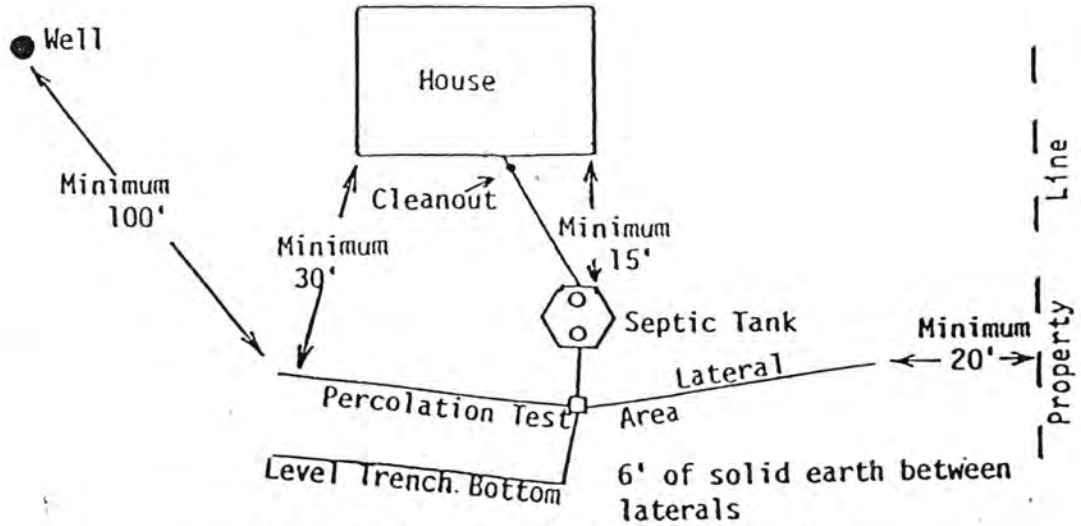
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material SCH40 PVC; Diameter 4 in.
2. Distance above basement floor 60 in., or below basement floor ____ in.
3. Distance between dwelling and septic tank 25 ft.
4. Number of clean-outs 1.
5. Distances to:
Well or Suction Line NA ft.; Stream NA ft.; Pressure Line >10 ft.; Property Line >20 ft.

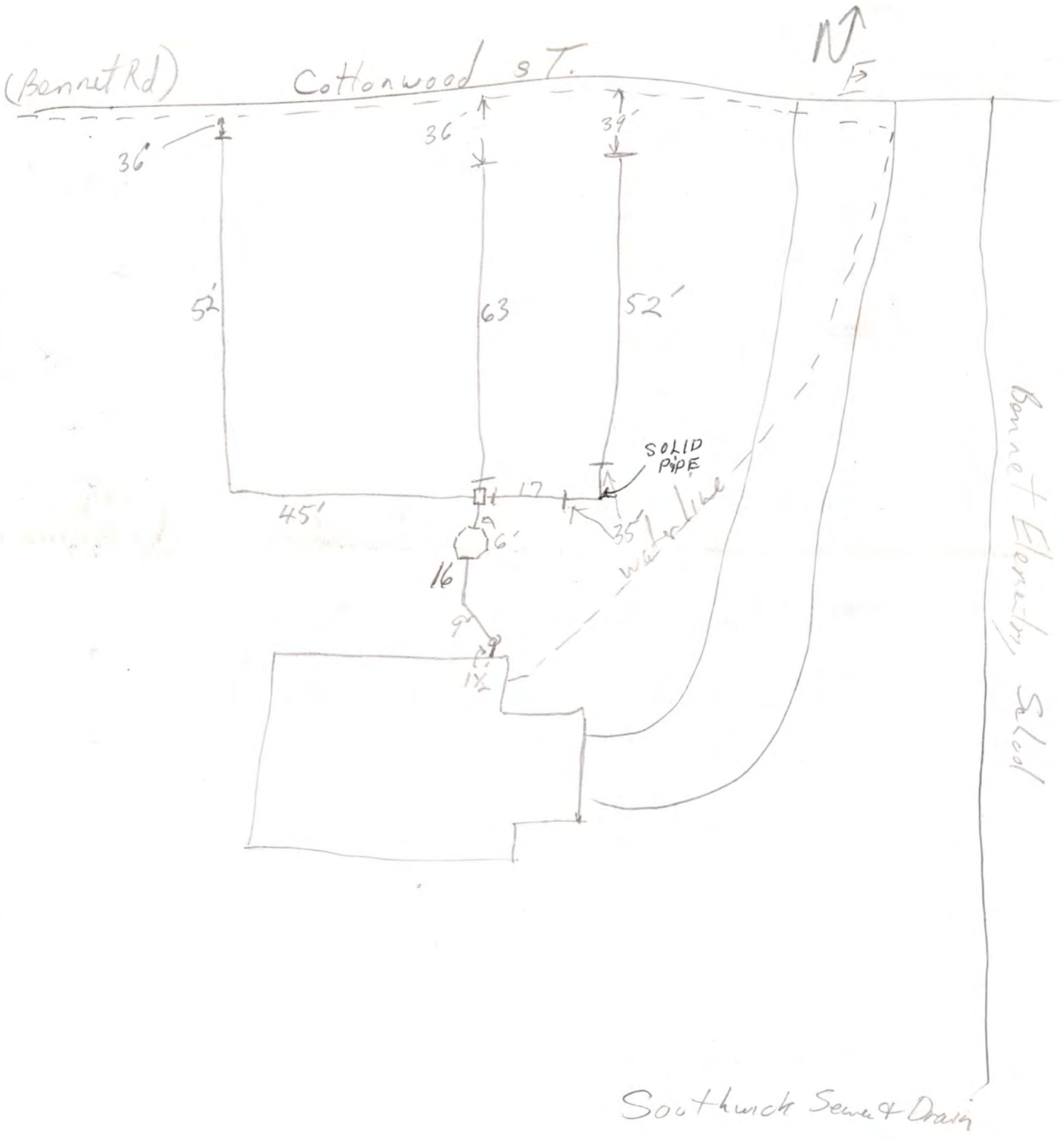
B. SEPTIC TANK:
1. Material Concrete; No. of compartments 1.
2. Capacity 1000 gals.;
3. Factory Built: Yes ☒ No ☐
(Company Pre Cast STep)
4. Manholes: Over Inlet; diam. 9 in.
Over Outlet; diam. 12 in.
Riser Above ☐ Below ☐ Grade ____ in.
5. Inlet: Baffle ☒ ; or Tee ☐
6. Outlet: Baffle ☒ ; or Tee ☐
7. Depth of top of tank below finished grade 12 in.
8. Distances to:
Well or Suction Line NA ft.; Stream NA ft.; Pressure Line >25 ft.; Property Line >20 ft.

C. DISTRIBUTION BOX:
1. Material PVC; Number - available outlets 7.
2. Factory Built: Yes ☒ No ☐
(Company _____)
3. Distance from Septic Tank 9 ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☐ Perforated Pipe ☒
Diameter of Half Round 4" or
Perforated Pipe _____.
Material: fiberglass ☐ ; plastic ☒ ; concrete ☐ ; other _____.
2. Lateral Lines:
Number 3; Length of each line 94, 62, 71, ____, ____ ft.;
Total length of laterals 227 ft.;
Distance between lateral lines 20 ft.
3. Trench dimensions: Width 3 ft.;
Slope 4 in/100 ft.; Average Depth 3½ FT in.
4. Filter Material: Road Gravel
Depth of Material 12 in.
5. Distances to:
Well or Suction Line NA ft.; Stream NA ft.; Pressure Line 25+ ft.; Property Line >20 ft.



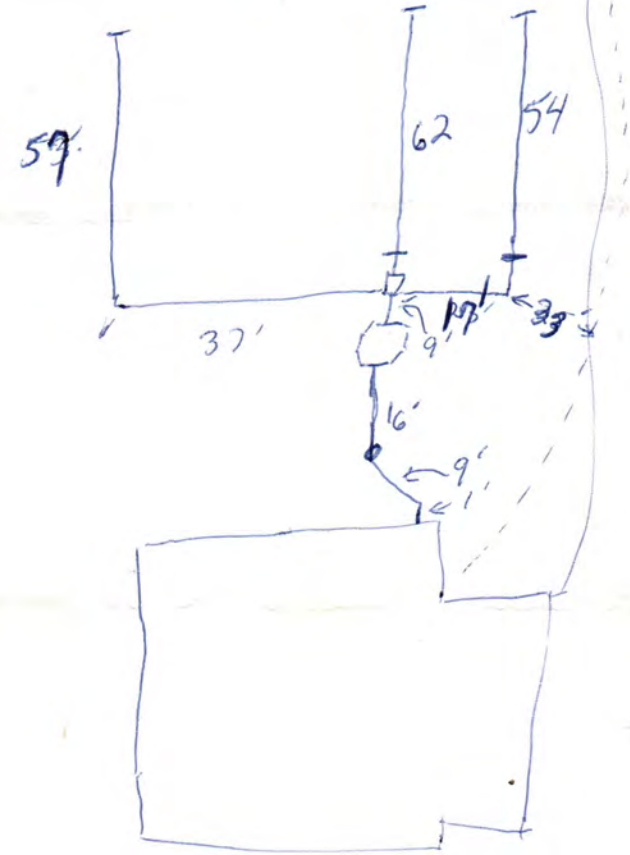
TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


(Bennet Rd)
Cottonwood St.
N
36'
36'
39'
52'
63'
52'
SOLID PIPE
17'
45'
35'
6'
16'
9'
1½'
Bennet Elementary School
Southwick Sewer & Drain

N

Cotton Wood ST (Bennet Road)

Water line



School

Southwick Sewer + Drain