LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

3140 "N" STREET Lincoln, NE 68510-1514 (402) 441-8000

NON TRANSFERABLE

PERMIT

Permit
SEWAGE INSTALLATION

No. 94380126501

Issued 12/28/94
Expires 06/28/95
Revenue Code 18754

Establishment
RICHARD J YOUNG
T10N R8E SEC 5
12500 HAVELOCK AVE

FEES: $150.00

TOTAL $150.00

Permittee
RICHARD J YOUNG
12200 S 162 ST
BENNET NE 68317

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:

1. Legal description of property: Twp. 10N ; Range 8E ; Section 5 ; SW¼
   Block _____ : Lot _____ : Addition _____
   Street Address 12500 Havelock Ave., Lincoln, NE
2. Property Use: Residential ☒ ; Commercial ☐ Other Use ☐
   No. of Bedrooms 3 . Describe _____
3. Type of Individual Sewage Disposal System: Septic Tank ☒ ; Other ☐ EXPERIMENTAL SYSTEM
4. Distance to public sewer: _____ ft.

Richard A Young DBA Youngs Plbg. Co.
Signature of Applicant (Owner or Lessee)

12200 So 162nd Bennet Ne 68317
Address

(Do not write below this double line)

1. Health Department: Date Rec'd. 12/27/94. Date Frwd. 12/27/94. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Head
2. Supt. Bldg. Insp.: or Village Clerk: Date Rec'd. 12/27/94. Date Frwd. 12/27/94. ACTION: Approved ☒ Disapproved ☐ Signature: Ray Spur
3. City or County Engineer: Date Rec'd. 12-27-94. Date Frwd. 12-27-94. ACTION: Approved ☒ Disapproved ☐ Signature: Larry Hilbrunner

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 3-10-95 by: [illegible]
Date: _____ by: _____
Date: _____ by: _____

PROVISIONAL Experimental with seepage Bed

INSTALLATION ~~FINAL~~ WRITTEN APPROVAL
Date: 3-10-95 By: Ron Magnuson

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 10N ; Range 8E ; Section & ¼ Section 5, SW .
Property Dimensions: _____ ft. x _____ ft. Area: 25 acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☒ ; Silty Clay Loam ☐ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .
Dates of Tests: Nov. 28, 94 to Nov. 29, 94 . Weather: Precip. _____ Temp. 21°F .

OWNER: Jerome & Linda Thraen

Address: 5945 Equestrain Dr., Lincoln

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"	11/28	0730	11/28	0755	11/29	0800	6	0830	5.65	30	0.35	0.0110
2	"	"	0800	"	0830	"	0805	"	0835	5.60	"	0.40	0.0133
3	"	"	0840	"	0910	"	0810	"	0840	5.60	"	0.40	0.0133
4	"	"	0915	"	0945	"	0815	"	0845	5.65	"	0.35	0.0110
5	"	"	1000	"	1030	"	0820	"	0850	5.65	"	0.35	0.0110

Gerald R. Svoboda
Gerald R. Svoboda, Geologist
Signature of Person Conducting Test

Address 2540 So. 17th, Lincoln, NE Phone (402)435-0546

Sum of Percolation Rates: 0.0596
Average of Rates: 0.0119
Mean of Rates: _____

(Do not write below this line)

REVIEWING ACTION

Remarks: Too slow for conventional system
Soil Type (SCS): Shorpsburg Silty Clay Loam
Date: December 27, 1994

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

Jerrold C. Hood
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.

See Attached Plat Map

REVIEWING ACTION

Remarks :_____

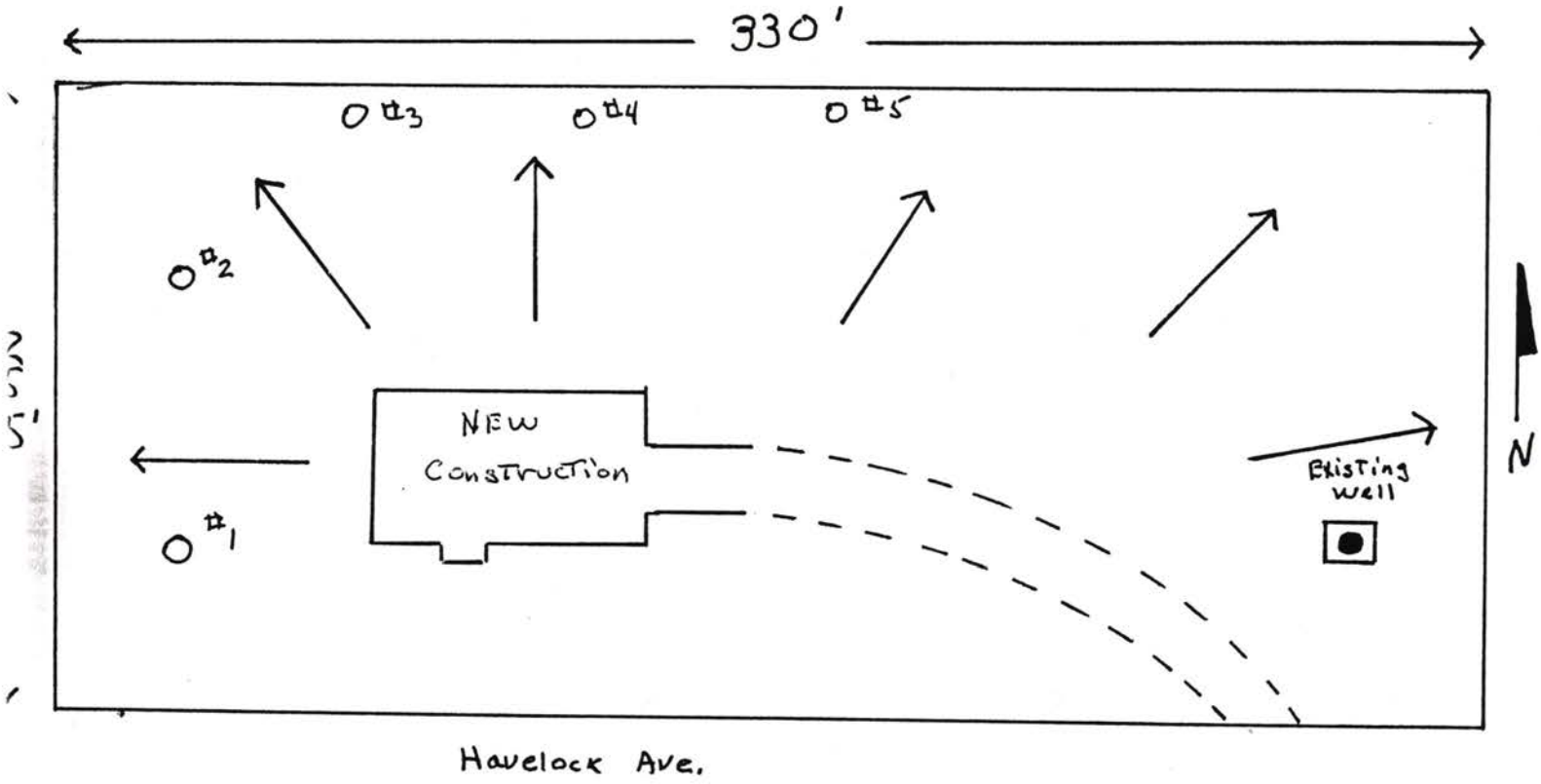
_____

Date:_____

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_____sq.ft.

_____
Signature of Reviewing Official

Partial Plat of 25 acres
SEcr. SW$\frac{1}{4}$ Sec. 5- 10N- 8E
Lancaster County (Lincoln) Nebraska
12500 Havelock Ave.



Arrows show direction of slope of land surface.

O Location of test site's.

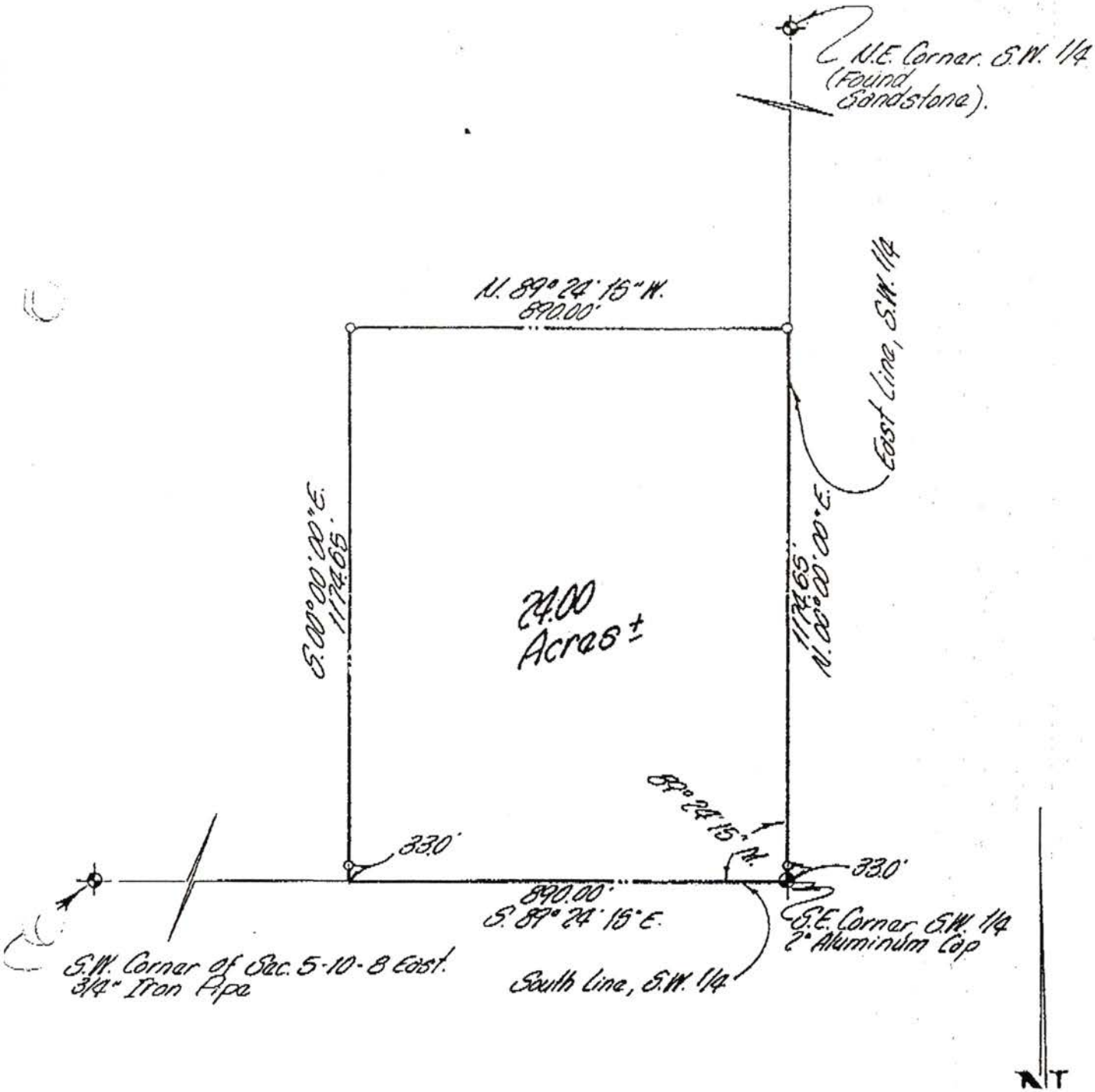
Official Survey Record

LANCASTER County, Nebraska

ALLIED SURVEYING AND MAPPING, INC.
LAND SURVEYORS
6120 South 58th Street - Suite "A" - Lincoln, Nebraska 68516
Phone (402) 434-2686
FAX (402) 434-2687

Survey of a 24.00 Acre tract of land located in the Southwest Quarter of Section 5 T 10 N, R 8 E of the 6th P.M.
Lancaster County, Nebraska
Job No. 21111

September 19, 1994



Gerald R. Svoboda
2540 South 17th Street
Lincoln, Nebraska 68502
(402) 435-0546

November 29, 1994

Soil Absorption Test Data Report
Location: SEcr. SW$\frac{1}{4}$ Sec. 5-10N-8E
Owners: Jerome & Linda Thraen

The Sharpsburg (ShD) is a silty clay loam which is moderately well drained soil on side slopes which discribes the surface material at the construction site and general area. This soil has a moderately slow permeability and high available water capacity. Where this soil overlies glacial till, seapage area's may occur. This soil, because of it's low (slow) permeability, may present some limitations for a septic tank absorption field, but this should not be a problem at this location because the majority of the 25 acres is to the north of the building site which is the direction of drainage.

Gerald R. Svoboda

Gerald R. Svoboda, Geologist

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. _____

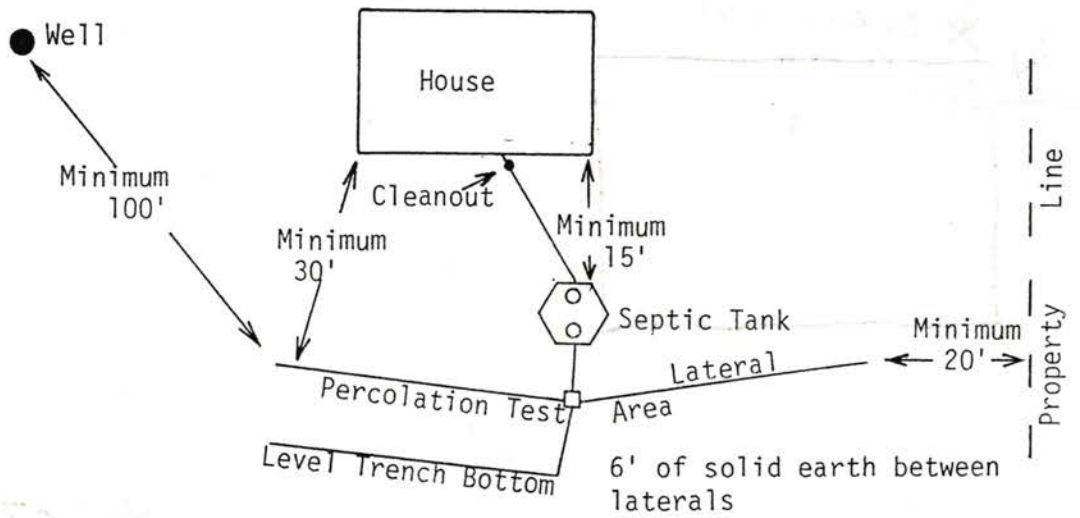
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material PVC ; Diameter 4 in.
2. Distance above basement floor _____ in., or below basement floor 24 in.
3. Distance between dwelling and septic tank 63' ft.
4. Number of clean-outs 1 .
5. Distances to:
Well or Suction Line _____ ft.;
Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.

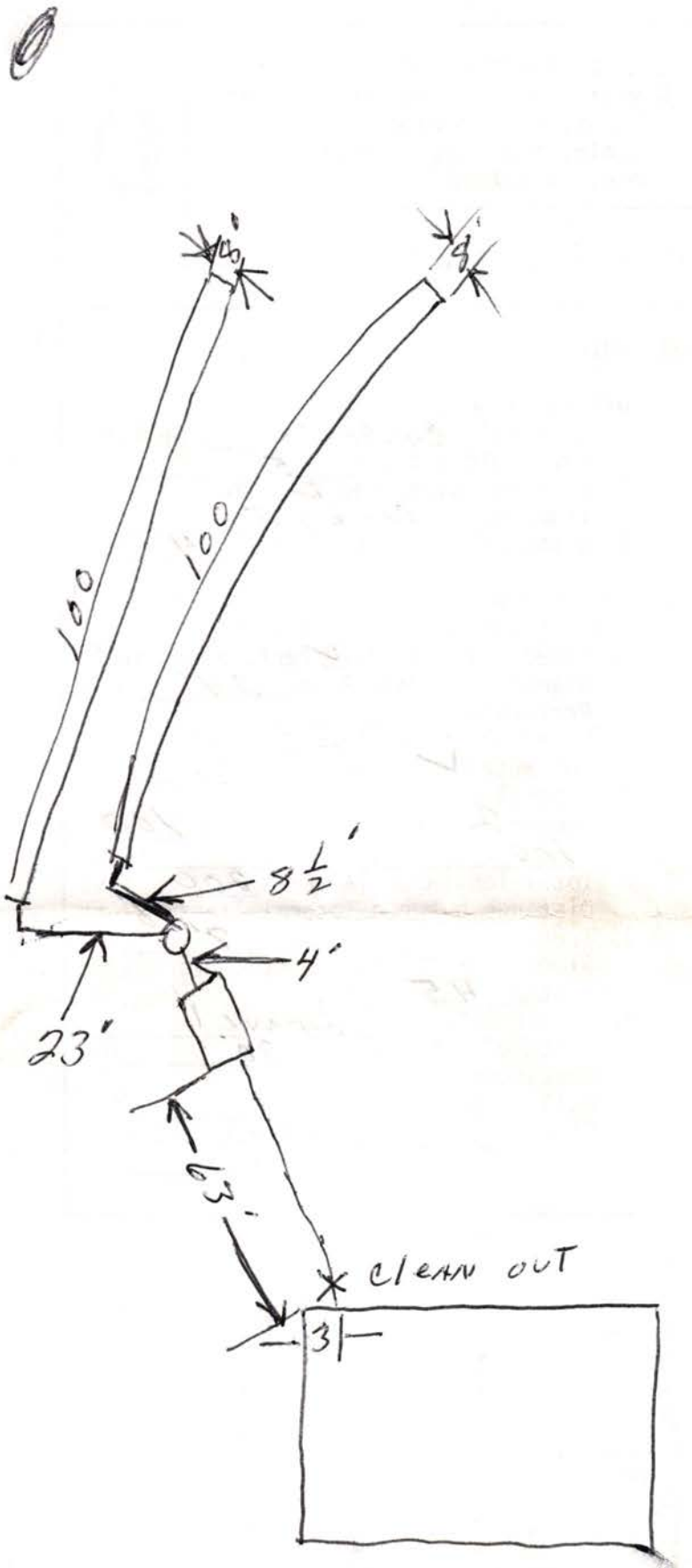
B. SEPTIC TANK:
1. Material Concrete ; No. of compartments _____ .
2. Capacity 1000 gals.;
3. Factory Built: Yes ☑ No ☐
(Company Pre CAST)
4. Manholes: Over Inlet; diam. _____ in.
Over Outlet; diam. _____ in.
Riser Above ☐ Below ☐ Grade ____ in.
5. Inlet: Baffle ☑ ; or Tee ☐
6. Outlet: Baffle ☑ ; or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

C. DISTRIBUTION BOX:
1. Material Concrete ; Number - available outlets 5 .
2. Factory Built: Yes ☑ No ☐
(Company Pre CAST)
3. Distance from Septic Tank 4 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 8' ft.
3. Trench dimensions: Width 8' ft.;
Slope _____ in/100 ft.; Average Depth 45 in.
4. Filter Material: Gravel
Depth of Material .30 in.
5. Distances to:
Well or Suction Line _____ ft.;
Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN



Capital City Trenching
Hand Excavation