FILE NO. 1178

# CITY OF LINCOLN NEBRASKA

DEPARTMENT OF LICENSES AND PERMITS

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF LICENSE OR PERMIT

March 29, 1978 — THIS LICENSE OR PERMIT EXPIRES

Gary Aerts — LICENSEE OR PERMITTEE

4220 Huntington, Lincoln, NE 68504 — ADDRESS

T11N, R5E, Section 25 — NAME OF ESTABLISHMENT, IF ANY

ADDRESS

REMARKS: NON-TRANSFERABLE

| PERMIT | INSPECTION FEE | OCCUPATION TAX | LICENSE | TOTAL |
|---|---|---|---|---|
| $ 30.00 | $ | $ | $ | $ 30.00 |

| ACCOUNTING NO. | ACCOUNTING NO. | ACCOUNTING NO. | CODE |
|---|---|---|---|
| 624-1535 | 110.16 | 148.14 | 6-2 |

| SERIAL NO. | DATE | AMOUNT |
|---|---|---|
| 47019 3/29/78 | | 30.00 |

VALID RECEIPT ONLY IF MACHINE RECEIPTED IN THIS SPACE

HEALTH APPLICATION

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

FORM HD-40(73) REQUEST FOR SITE CLEARANCE 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: 475-6221)

FILE NO. 1178

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

DATE: _____

The undersigned hereby requests SITE CLEARANCE to construct an Individual Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

1. Legal description of property: Twp. 11N ; Range 5E ; Section 25 5 ac out of 90
   Block — ; Lot _____ ; Addition _____
   Street Address N.W. 70th see survey.

2. Property Use: Residential _____ ☒ ; Commercial _____ ☐
   No. of Bedrooms 3 . Describe: _____
   Other Use _____ ☐
   Describe: _____

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

4. Distance to public sewer: N/A ft.

Gary Curtis
Signature of Applicant (Owner or Lessee)

4220 HUNTINGTON AVE
Address

Set 3-mile radius

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 9/29/77 . Date Frwd. 9/29/77 . ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold E. Wood

2. Supt. Bldg. Insp.: Date Rec'd. _____ . Date Frwd. 9-29-77 . ACTION: Approved ☒ Disapproved ☐ Signature: Tom Brasch

3. City ~~or County~~ Engineer : Date Rec'd. 9/29/77 . Date Frwd. 9/29/77 . ACTION: Approved ☒ Disapproved ☐ Signature: Henry Graff Al Smith

REMARKS OR REASONS FOR DISAPPROVAL _____

White: Health Dept. Copy
Yellow: Engineers Copy
Pink: Bldg. Inspector's Copy

FORM HD-42(73) APPLICATION FOR PERMIT TO CONSTRUCT 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: 475-6221)

FILE NO. 1178

DATE: SEPT 28, 1977

TO: Director of Health
Lincoln-Lancaster County Health Dept.

The undersigned hereby applies for a permit to construct an Individual Sewage Disposal System in conformance with appropriate Ordinance or Resolution, as described in this application and the annexed forms attached hereto.

1. Legal description of property: Twp. 11N ; Range 5E ; Section 25 ; Block ; Lot ; Addition .
Street Address N.W. 70th . see survey.

2. Property Use: Residential ☒ Commercial ☐
No. of Bedrooms 3 Describe:

Other Use
Describe:

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

4. Plans and Specifications of Proposed System. (See FORM HD-45(73) PLANS & SPECIFICATIONS, SEWAGE DISPOSAL SYSTEM, attached hereto.)

5. Soil Absorption Properties. (See FORM HD-43(73) SOIL ABSORPTION TEST DATA REPORT, attached hereto).

Gary Aerts
Signature of Applicant (owner or lessee)

4220 Huntington Ave, Lincoln
Address

(Do not write below double line)

REVIEWING ACTION

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

2. Site Visits:
Date: 5-15-78 by:
Date: by:
Date: by:

3. Date: Approved ☒ ; Disapproved ☐ 9/28/77
by: Jerrold C. Hood

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: 5-15-78 by: James Newcka

FORM HD-43 (73) 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)

FILE NO. 1178

PROPERTY WHERE SOIL TESTED:
Location: Township 11 : Range 5
Section & ¼ Sect. 25, SW¼
Property Dimensions: 356 ft. x 600 ft.
Area: 5.02 acres. (Attach sketch of property showing hole location).
Soil Type: Silty Clay ; Silty Clay Loam ; Sandy Loam
Silty Loam ; Clay Loam ; Sandy Clay

Owner: GARY AERTS
Address: 4220 HUNTINGTON AVE

Dates of Tests: SEPT 24, 1977 to SEPT 25, 1977. Weather: Precip. 0" Temp. 70"

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. Min.) | Water Level (in.) | Elapsed Time (Min.) | Water Level Drop (in.) | Percolation Rates (Min./inch) |
| 1 | 36 | 9/24 | 3:30 | 9/24 | 7:30 | 9/25 | 7:30 | 29 | 8:00 | 29 3/4 | 30 | 3/4 | 40 |
| 2 | 36 | 9/24 | 3:30 | 9/24 | 7:30 | 9/25 | 7:30 | 29 1/2 | 8:00 | 30 1/8 | 30 | 5/8 | 48 |
| 3 | 36 | 9/24 | 3:30 | 9/24 | 7:30 | 9/25 | 7:30 | 30 | 8:00 | 30 3/4 | 30 | 3/4 | 40 |
| 4 | 36 | 9/24 | 3:30 | 9/24 | 7:30 | 9/25 | 7:30 | 29 3/4 | 8:00 | 30 3/4 | 30 | 1 | 30 |
| 5 | 36 | 9/24 | 3:30 | 9/24 | 7:30 | 9/25 | 7:30 | 29 1/2 | 8:00 | 30 3/8 | 30 | 7/8 | 34 |
| 6 | 36 | 9/24 | 3:30 | 9/24 | 7:30 | 9/25 | 7:30 | 29 | 8:00 | 29 3/4 | 30 | 3/4 | 40 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Sum of Percolation Rates: 232
Average of Rates: 39
Mean of Rates: 39

Gary Aerts
Signature of Person Conducting Test

Address 4220 HUNTINGTON AVE, LINCOLN
Phone 464-8738

(Do not write below this line)

REVIEWING ACTION

REMARKS: Sharpsburg Silty Clay Loam (S.C.S.)
DATE: September 28, 1977

Approved Percolation Rate (a)
A. 37 min./inch
B. _____ min./inch
C. _____ min./inch

Gerald C. Hood
Signature of Reviewing Official

FORM HD- 45(73) PLANS & SPECIFICATIONS
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: 475-6221)

FILE NO. 1178

## SPECIFICATIONS

DATE: _____

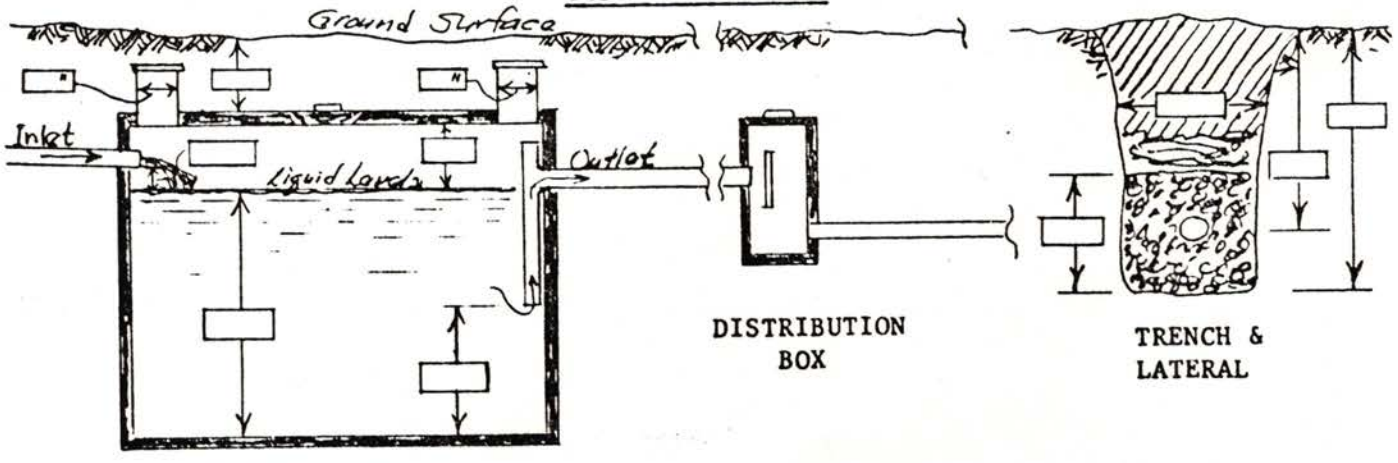
A. BUILDING SEWER:
1. Material _____; Diameter ____ in.
2. Distance above basement floor ____in.; or below basement floor ____in.
3. Distance between dwelling and septic tank ____ft.
4. Number of clean-outs _____.
5. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property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

B. SEPTIC TANK (Provide construction drawings.)
1. Material _____; No. of compartments _____.
2. Capacity 1000 gals.; Liquid depth ____in.
3. Factory Built: Yes ☐ (Company _____)
No ☐
4. Manholes: Over Inlet; diam. ____in.
Over Outlet; diam. ___in.
Below Grade _____in.
5. Inlet: Baffle ☐; or Tee ☐
6. Outlet: Baffle ☐; or Tee ☐
Depth of outlet below inlet ___in.
7. Depth of top of tank below finished grade ____in.
8. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

C. DISTRIBUTION BOX
1. Material _____; No. available outlets _____.
2. Factory Built: Yes ☐, (Company _____) No ☐
3. Dimension: Length ____in.; Width ___in. Depth ____in.
4. Distance from Septic Tank ____ft.
5. Serial Distribution: Yes ☐, No ☐ (If yes, show detailed plans.)

D. ABSORPTION FIELD: (Provide drawings.)
1. Type: _____
2. Lateral Lines: Depth below grade __in. Number ____; Length of each line ___ft Total length of Laterals 208 ft.; Slope ____in/100 ft. Diameter of pipe ____ in.; Shape _____
Material: concrete ☐; fiber asbestos ☐; clay ☐; other _____
Distance between lateral lines ____ft.
3. Trench Dimensions. Depth ___in.; Width 48 in.
4. Filter Material: _____.
Depth of material from trench bottom _____in.
5. Distances To:
Well or Suction Line ____ft.;
Stream _____ft.; Pressure Line ____ft.
Property Line ____ft.
6. Percolation Rate: _____minutes/inch

TYPICAL SKETCHES




SEPTIC TANK

Signature of Applicant

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. _____

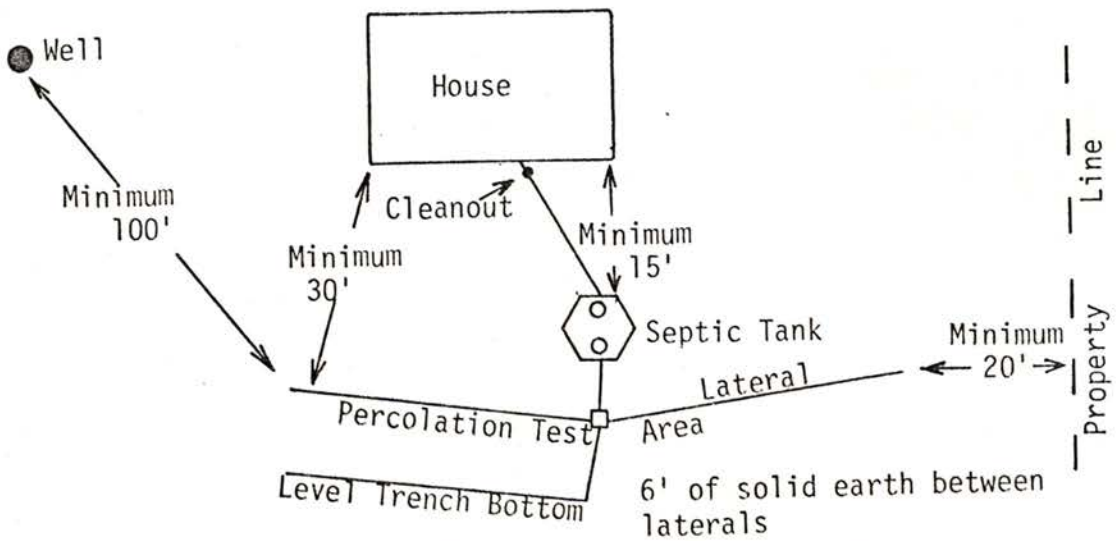
## SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material PVC; Diameter 4 in.
2. Distance above basement floor 5 ft. in., or below basement floor ____ in.
3. Distance between dwelling and septic tank 22 ft.
4. Number of clean-outs 0.
5. Distances to:
Well or Suction Line 102 ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ 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. _____ in.
Over Outlet; diam. _____ in.
Riser Above ☐ Below ☒ Grade ~~2~~ 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 100+ 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 _____)
3. Distance from Septic Tank 10 ft.

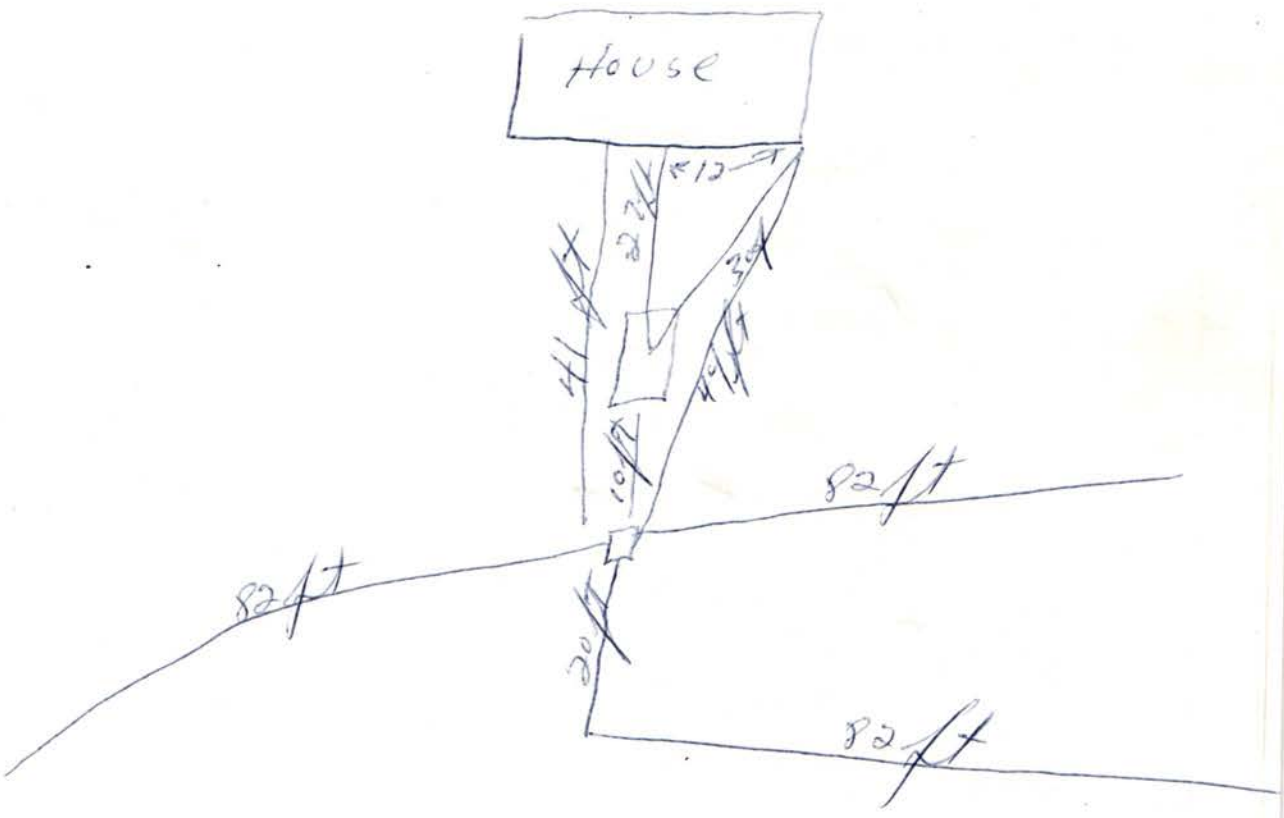
D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round 24" or Perforated Pipe _____.
Material: fiberglass ☐ ; plastic ☐ ; concrete ☒ ; other _____.
2. Lateral Lines:
Number 3; Length of each line 82, _____, _____, _____ ft.;
Total length of laterals 246 ft.;
Distance between lateral lines _____ ft.
3. Trench dimensions: Width 48 ft.;
Slope 1½ in/100 ft.; Average Depth 30 in.
4. Filter Material: gravel.
Depth of Material 20cm in.
5. Distances to:
Well or Suction Line 100+ ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.




TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

AS BUILT DRAWING OF SYSTEM

DATE 15 May 78 INSTALLER Friedan Const.



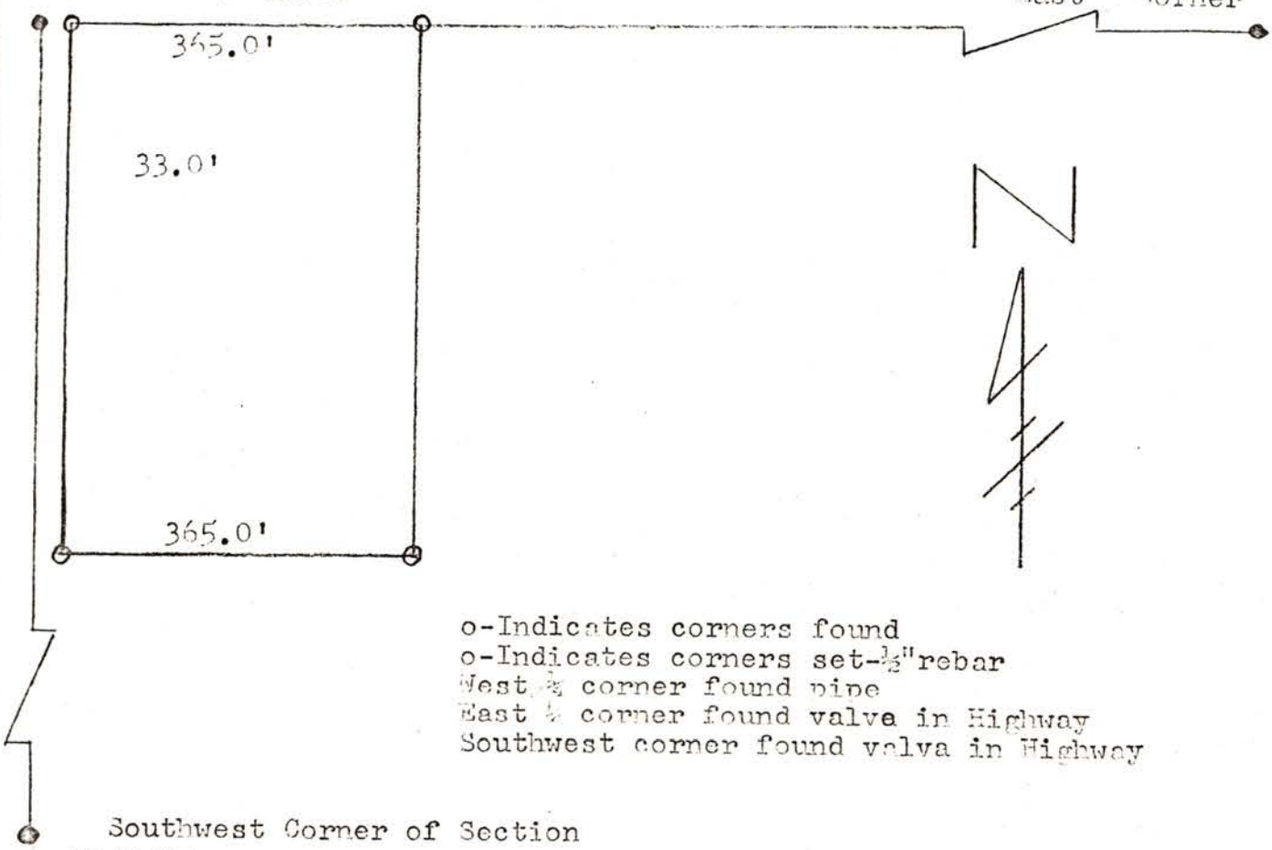
# Survey Record

**LANCASTER COUNTY, NEBRASKA**

**Survey of:** 5.02 acre tract of land in the Northwest corner of the Southwest Quarter of **Section** 25 **T** 11 **N, R** 5 **E of 6th P.M.**

**Survey No.** .....**(To be assigned by County Surveyor)**

**Date** Sept. 10 **19** 77. **Weather**.....




o-Indicates corners found
o-Indicates corners set-½"rebar
West ¼ corner found pipe
East ¼ corner found valve in Highway
Southwest corner found valva in Highway

Southwest Corner of Section

**Field Notes:**

**Show descriptions of corners found and restored; distances chained; angles measured, if any; courses and bearings of irregular tracts surveyed; and ties taken to corners. Use reverse side if necessary.**

Description of Survey

A tract of land located in part of the Southwest Quarter of Section 25-Township 11 North-Range 5 East of the 6th P.M. Lancaster County is described as follows;

Beginning at a point 33.0 feet Easterly from the West Quarter corner of Section 25 and on the North line of the Southwest Quarter, thence Easterly on said North line, a distance of 365.0 feet, thence Southerly on a line 398.0 feet Easterly from and parallel to the West line said Southwest Quarter, a distance of 600.0 feet, thence Westerly on a line 600.0 feet Southerly from and parallel to said North line said Southwest Quarter, a distance of 365.0 feet, said point being 33.0 feet Easterly from the West line said Southwest Quarter, thence Northerly on a line 33.0 feet Easterly from and parallel to said West line Southwest Quarter, a distance of 600.0 feet to the point of beginning.

Containing 5.02 acres more or less.

**Signed this** 10 **day of** Sept **19**77

**Name:** Eugene R. Schiltz

**Surveyor's license No. L.S.** 298

**Land Surveyor's Seal**