LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

FILE NO. 957-C

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF PERMIT

May 4, 1977 — THIS PERMIT EXPIRES

John D. Martin, 301 Elk Creek Rd., Malcolm, NE 68402 — ISSUED TO / ADDRESS

T9N: R8E: Section 20 — LEGAL DESCRIPTION

REMARKS: NON-TRANSFERABLE

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

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. 957-C

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

DATE: Sep. 24, 76

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. 9N ; Range 8E ; Section 20
Block _____; Lot _____; Addition _____
Street Address _____ SEE ATTACHED

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

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

4. Distance to public sewer: ¼ mi ft.

John D. Martin
J. Martin Service Co.
Signature of Applicant (Owner or Lessee)

301 Elk Creek Rd Malcolm Nebr. 68402
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 11/4/76 . ACTION: Approved ☒ Disapproved ☐
Date Frwd. 11/4/76 . Signature: Jerrold C. Wood

2. Supt. Bldg. Insp.: Date Rec'd. _____ . ACTION: Approved ☐ Disapproved ☐
Date Frwd. _____ . Signature: _____

3. City or County Engineer: Date Rec'd. 11/4/76 . ACTION: Approved ☐ Disapproved ☐
Date Frwd. 11/4/76 . Signature: Henry Traff 11/4/76

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. 957-C

DATE: Sep. 24, 76

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. 9 N ; Range 8E ; Section 20 ; Block ; Lot ; Addition .
Street Address .

2. Property Use: Residential YES ☐ ; 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).

John D. Mathis
Signature of Applicant (owner or lessee)

301 Elk Creek Rd Malcolm Neb. 68402
Address

(Do not write below double line)

REVIEWING ACTION

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

2. Site Visits:
Date: 12/22/76 by: L.C.H.
Date: 8/23/79 by: L.C.H.
Date: 9/24/79 by: L.C.H.

3. Date: Approved ☒ ; Disapproved ☐ 11/4/76
by: Jerrold C. Hoot

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: 12/22/76 by: Jerrold C. Hoot *

* Check attached letter 8/28/79 on Lagoon

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 475-6221)

FILE NO. 957-C

PROPERTY WHERE SOIL TESTED:
Location: Township 9 ; Range No. range 8
Section & ¼ Sect. 30
Property Dimensions: ____ ft. x ____ ft.
Area: 6.35 acres. (Attach sketch of property showing hole location).
Soil Type: Silty Clay [X]; Silty Clay Loam [ ]; Sandy Loam [ ]
Silty Loam [X]; Clay Loam [ ]; Sandy Clay [X]

Owner: _____
Address _____

Dates of Tests: Sep. 23, 76 to Sep. 24, 76. Weather: Precip. ____ Temp. 65°

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				
Hole 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	24-6	9/23	12:00	9/24	11:00	9/24	11:09	3	11:39	3 3/8	12:15	4 1/8	30 - 1 5/8
2	26-6	9/23	12:00	9/24	11:00	9/24	11:09	1 3/4	11:39	3 1/8	12:15	2 3/4	30 - 1 1/2
3	30-0	9/23	12:00	9/24	11:00	9/24	11:09	3	11:39	3 3/4	12:15	3 1/4	30 - 1 5/8
4	28-0	9/23	12:00	9/24	11:00	9/24	11:09	2	11:39	4 3/4	12:15	3 3/4	30 - 2 1/4
5	33-6	9/23	12:00	9/24	11:00	9/24	11:09	2	11:39	3 3/8	12:15	3 5/8	30 - 1 1/2
6	31-6	9/23	12:00	9/24	11:00	9/24	11:09	3 1/2	11:39	5 3/8	12:15	4 3/4	30 - 1 1/2

Sum of Percolation Rates 18MIN/IN
Average of Rates:
Mean of Rates:

John D. Martin
Signature of Person Conducting Test

Address 301 Elk Creek Rd.
Phone: 796-2455 or 432-1574

(Do not write below this line)

REVIEWING ACTION

REMARKS: _____

Approved Percolation Rate(s)
A. 18 min./inch
B. _____ min./inch
C. _____ min./inch

DATE: November 4, 1976

Gerrold 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. _____

SPECIFICATIONS

DATE: _____

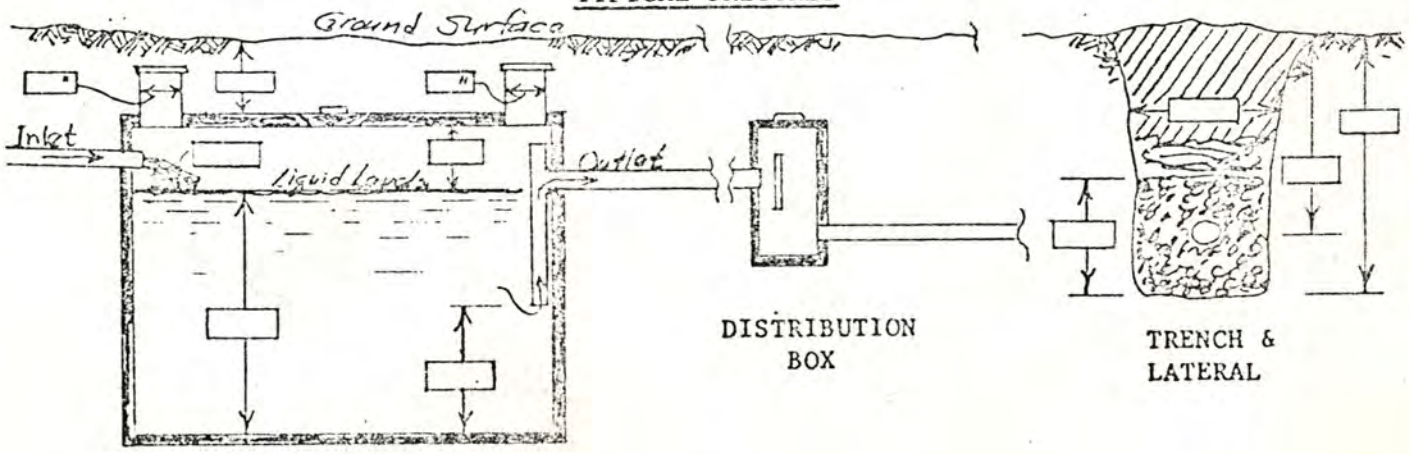
A. BUILDING SEWER:
1. Material PLASTIC; Diameter 4 in.
2. Distance above basement floor ____in.; or below basement floor ____in.
3. Distance between dwelling and septic tank 56 ft.
4. Number of clean-outs _____.
5. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

B. SEPTIC TANK (Provide construction drawings.)
1. Material CON; No. of compartments 1.
2. Capacity 1000 gals.; Liquid depth ____in.
3. Factory Built: Yes ☒ (Company PRE-CAST)
No ☐
4. Manholes: Over Inlet; diam. 6 in.
Over Outlet; diam. 6 in.
Below Grade _____in.
5. Inlet: Baffle ☐; or Tee ☐
6. Outlet: Baffle ☒; or Tee ☐
Depth of outlet below inlet 51 in.
7. Depth of top of tank below finished grade 36 in.
8. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

C. DISTRIBUTION BOX
1. Material CON; No. available outlets 5.
2. Factory Built: Yes ☒, (Company PRE-CAST STEP) 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: ROUND PLASTIC
2. Lateral Lines: Depth below grade ___in.
Number 2; Length of each line 100 ft
Total length of Laterals 202 ft.;
Slope ____in/100 ft. Diameter of pipe 4 in.; Shape ROUND
Material: concrete ☐; fiber asbestos ☐; clay ☐; other PLASTIC
Distance between lateral lines ____ft.
3. Trench Dimensions: Depth 36 in.;
Width 36 in.
4. Filter Material: GRAVEL.
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

DISTRIBUTION BOX

TRENCH & LATERAL

_____
Signature of Applicant


N
19'
56'
6'
100'
well

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: 8-27-79

FILE NO. _____

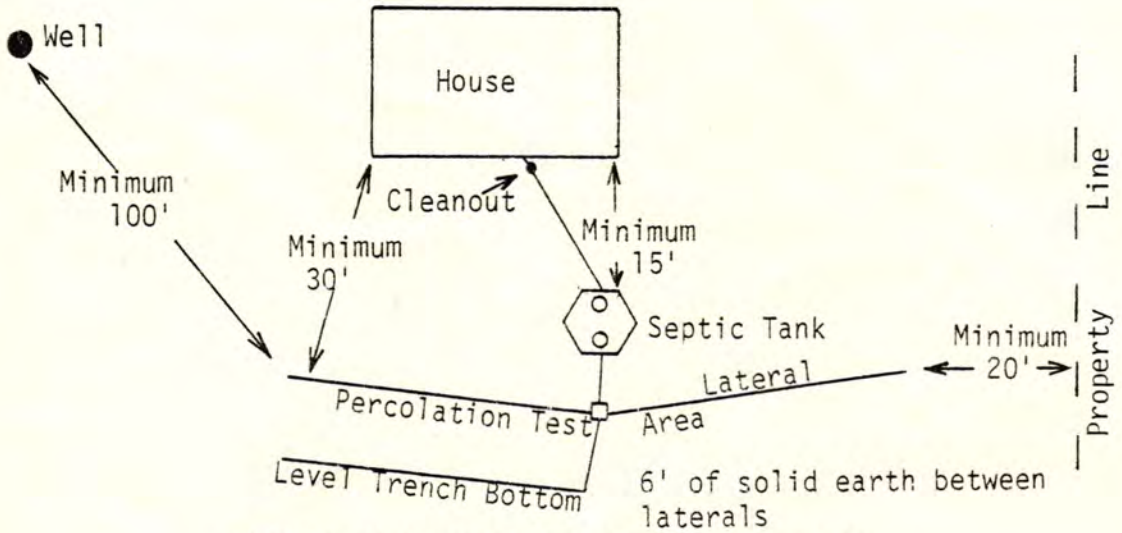
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material Plastic; Diameter 4 in.
2. Distance above basement floor _____ in., or below basement floor 18 in.
3. Distance between dwelling and septic tank _____ ft.
4. Number of clean-outs 4.
5. Distances to:
Well or Suction Line 800 ft.; Stream 900 ft.; Pressure Line _____ ft.; Property Line 75 ft.

B. SEPTIC TANK:
1. Material _____; No. of compartments _____.
2. Capacity _____ 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 _____ in.
8. Distances to:
Well or Suction Line _____ 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.

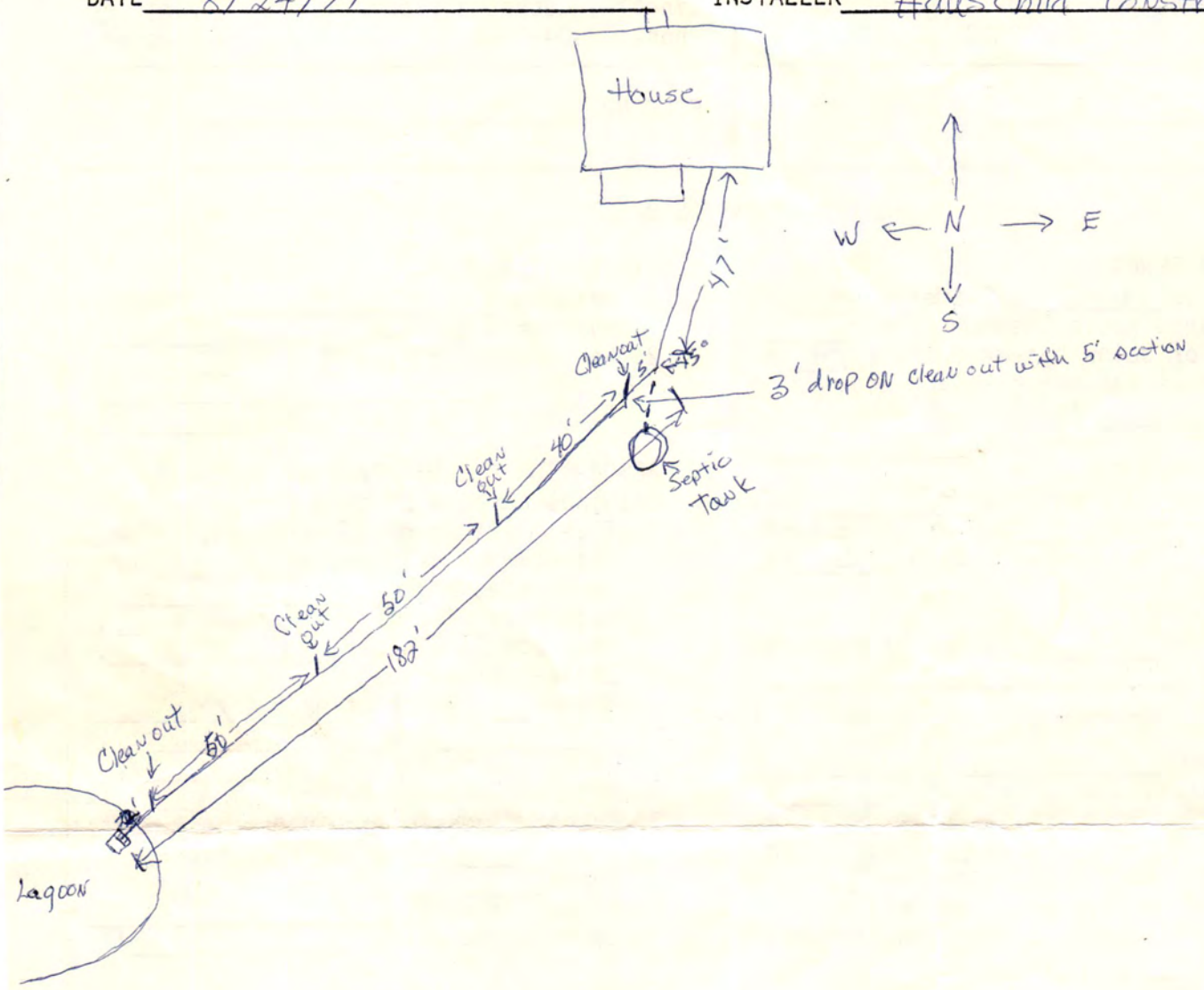
D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☐ Perforated Pipe ☐
Diameter of Half Round _____ or Perforated Pipe _____.
Material: fiberglass ☐ ; plastic ☐ ; concrete ☐ ; other _____.
2. Lateral Lines:
Number ___ ; Length of each line _____, _____, _____,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



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

AS BUILT DRAWING OF SYSTEM

DATE 8/24/79 INSTALLER Hauschild Construction



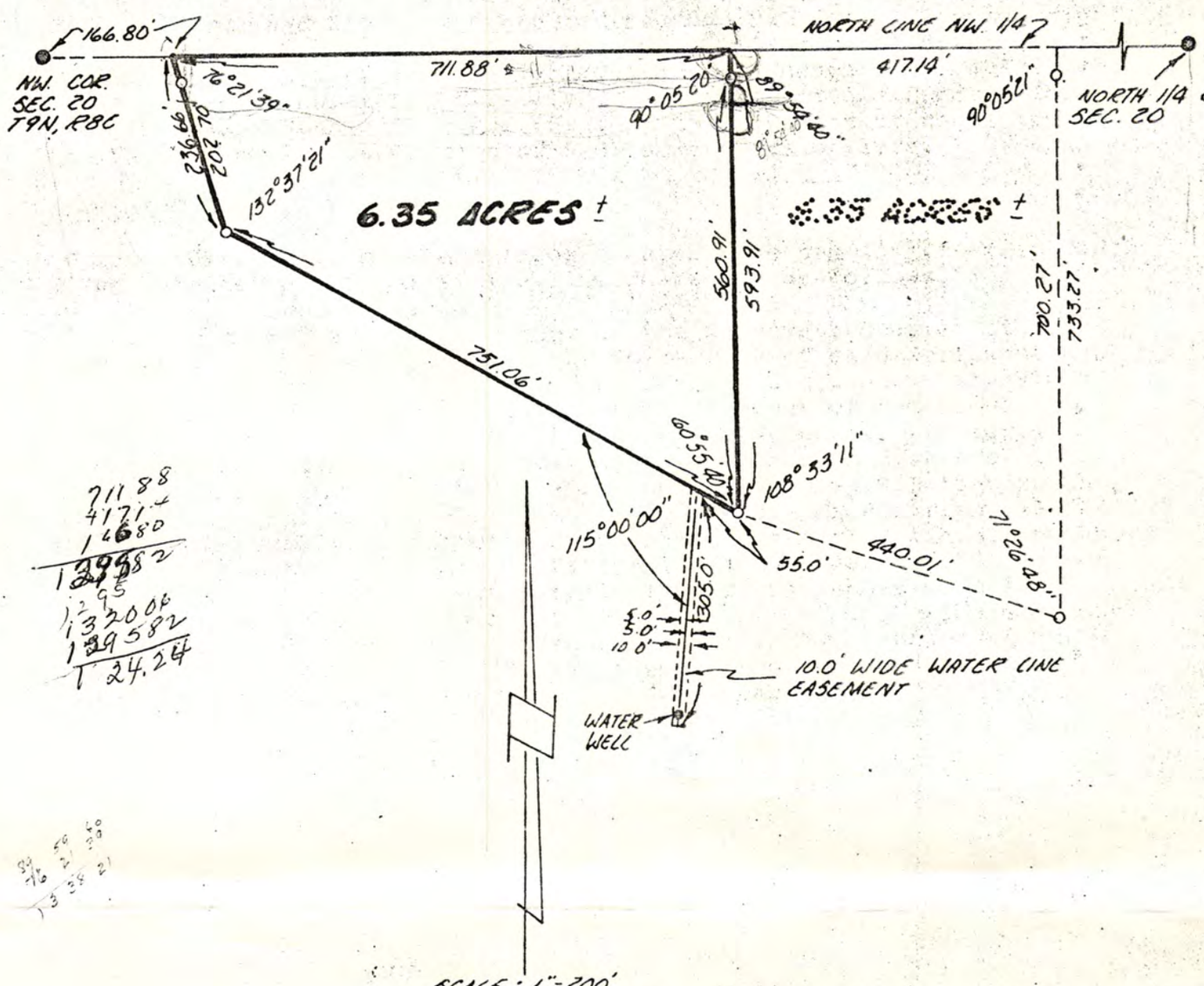
SURVEY RECORD

Lancaster County, Nebraska

Darrel W. Simonds & Associates, Inc.
Surveying and Mapping
6900 Leighton Avenue -:- Lincoln, Nebraska 68507
OFFICE PH. 466-3067
MOBIL PH. 475-1913

Survey of A 6.35 Acre Tract of land located in the Northwest Quarter of the Northwest Quarter of Section 20 T 9 N, R 8 E of 6th P. M.

Survey No. _____ (To be assigned by Co. Surveyer) Date Oct. 1976 Weather Fair



LINCOLN, NEBRASKA

SURVEYORS CERTIFICATE

I hereby certify that I have accurately surveyed the property in the above plat. Iron bars were set at points marked ○ All dimensions are in feet and decimals of a foot.

Signed this 1st day of October, 1976

Name Darrel W. Simonds

Surveyor's License No. L. S. 161

NEBRASKA REGISTERED LAND SURVEYOR L.S.

SURVEY RECORD

LANCASTER County, Nebraska

Darrel W. Simonds & Associates, Inc.
ENGINEERS - LAND SURVEYORS
6900 Leighton Avenue -:- Lincoln, Nebraska 68507

OFFICE PH.: 466-3637
MOBIL PH.: 475-1506

Survey of A 6.35 Acre Tract of land located in the Northwest Quarter (more fully described below) of the Northwest Quarter of Section 20 T 9 N, R 8 E of 6th P.M.

Survey No. _____ **(To be assigned by Co. Surveyor) Date** Oct. 1976 **Weather** Fair

DESCRIPTION:

A tract of land in the Northwest Quarter of the Northwest Quarter of Section 20, Township 9 North, Range 8 East of the 6th P.M., Lancaster County, Nebraska, more fully described by metes and bounds as follows:

Beginning at a point on the North line and One Hundred Sixty-Six and Eighty Hundredths (166.80) feet East of the Northwest corner of said Section 20. Thence continuing East along the North line of said Northwest Quarter of the Northwest Quarter, a distance of Seven Hundred Eleven and Eighty-Eight Hundredths (711.88) feet. Thence right 89°54'40" in a Southerly direction, a distance of Five Hundred Ninety-Three and Ninety-One Hundredths (593.91) feet. Thence right 119°04'20" in a Northwesterly direction, a distance of Seven Hundred Fifty-One and Six Hundredths (751.06) feet. Thence right 47°22'39" in a North-Northwesterly direction, a distance of Two Hundred Thirty-Six and Sixty-Six Hundredths (236.66) feet to the point of beginning and containing a calculated area of 6.35 acres more or less.

EASEMENT:

A ten (10) foot wide easement for a water line ten (10) feet in width five (5) feet either side of a line described as follows:

Referring to the Northwest corner of the Northwest Quarter of said Section 20. Thence East along the North line of said Northwest Quarter, a distance of Eight Hundred Seventy-Eight and Sixty-Eight Hundredths (878.68) feet to the Northeast corner of the above described tract. Thence right 89°54'40" in a Southerly direction along the East line of the above described tract, a distance of Five Hundred Ninety-Three and Ninety-One Hundredths (593.91) feet to the Southeast corner of the above described tract. Thence right 119°04'20" in a Northwesterly direction along the Southwesterly line of the above described tract, a distance of Fifty-Five and No Tenths (55.0) feet to a point on the said Southwesterly line of the above described tract and the point of beginning of said ten (10) foot wide easement. Thence left 115°00'00" in a Southerly direction a distance of Three Hundred Five and No Tenths (305.0) feet to the Southern terminal point of said described ten (10) foot wide easement.

Signed this 1st day of October, 1976

Name Darrel W. Simonds

NEBRASKA REGISTERED LS-161 DARREL W. SIMONDS LAND SURVEYOR

Surveyor's License: NEBR. L.S. 161
IOWA L.S. 4967