Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number H5000757

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☐ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 14909 NW 98th St (no rural route) City Raymond, NE Zip 68428

Legal Description NE 4 11 5 11

1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot

PID 05-04-200-004-000

B. Owner

Name Dale Sanders Dal Sand

Address 14909 NW 98th St City/State/Zip Raymond, NE 68428

Home Phone 402-540-0760 Work Phone

C. Certified Installer

Name: Lloyd Jakowlew, Raymond Contracting Signature Kim L Jakowlew for Lloyd

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2263

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☐ Residential Dwelling Number of Bedrooms 3 Whirlpool/Bathtub? ☒ Yes ☐ No Total Acres 5.05

Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☑ County Resolution No. 02-30

1. Health Department

Site visits

Comments

Date rec'd 5/28/13

Date frwd 5/28/13

ACTION ☐ Approved ☐ Disapproved

Signature

2. Supt. Bldg. Insp. or Village Clerk

Comments

Date rec'd

Date frwd

ACTION ☐ Approved ☐ Disapproved

Signature

3. City or County Engineer

Comments

Date rec'd

Date frwd

ACTION ☐ Approved ☐ Disapproved

Signature

Installation Final Written Approval

By

Date

Business Office Use Only

Date Received 5-29 Amount Paid 355.-

Received By BM Cash/Check No. 8111

White - Health Department Yellow - Engineer Pink - Building & Safety

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

B

Permit Number:

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 14906 NW 98th St (no rural route) City Raymond NE, Zip 68428

Owner Dale Sanders Address Same

Soil Type (SCS): silty clay loam Percolation Rate: _____ min./inch

Date of Tests 5/22/13 to 5/23/13 Weather: Precipitation 0 Temperature 56°

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. N. Results		
		Start		End		Start			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	36	5/22	7:00p	5/22	7:00p	5/23	11:00	12	5/23	11:30	30	3 7/8	8
2	25	"	"	"	"	"	"	"	"	"	"	13/16	37
3	27	"	"	"	"	"	"	"	"	"	"	1	30

Person Conducting Percolation Tests

Name: Terri L. Jirkolebek, Raymond Contracting, Inc.

Phone: 402-783-2003 or 402-890-3870

Address 13800 NW 70th St
Raymond, NE 68428 # C1198

Sum of Percolation Rates: 75

Average of Rates: 25

Rate Used for Calculation: 37 (no mi variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

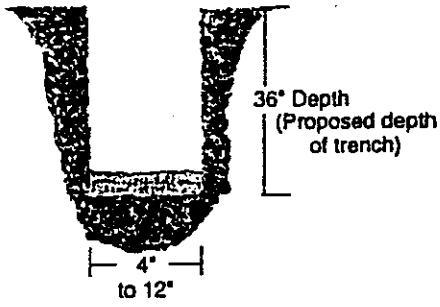
Signature of Reviewing Official _____ Date _____

READ THOROUGHLY

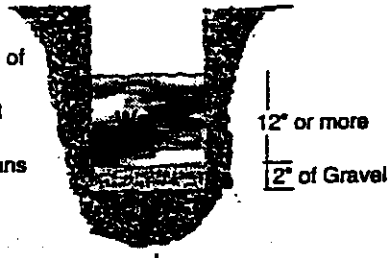
DIAGRAM OF PERCOLATION TEST PROCEDURE

Finished Grade or Natural Ground Level

I. Size, Number, and Location or Test Holes
   - A. Dig six or more holes spaced uniformly over proposed lateral field site.
   - B. Scratch smeared spots on sides of hole.
   - C. Remove loose material from hole.
   - D. Add 2" of gravel to hole.

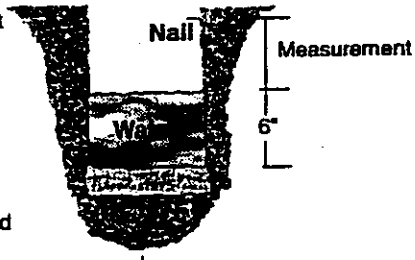


II. Saturation of Soil (Pre-soak)
   - A. Fill hole with 12" or more of water.
   - B. MAINTAIN THIS WATER LEVEL FOR 4 HOURS.
   - C. Record on Form B columns a thru f.



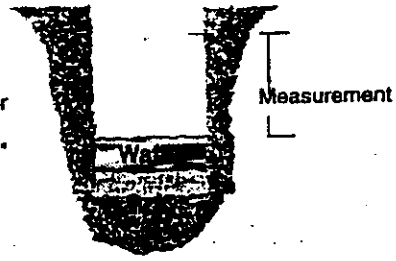
24 Hours Later

III. Percolation-rate Measurement **(refer to instructions 5a, 5b, or 5c.)**
   - A. Add 6" of water.
   - B. Measure from fixed reference point (nail) to water.
   - C. Record measurement and time on front of Form B.



½ hour later
(30 minutes)

   - D. 30 minutes later remeasure and record time.
   - E. If water will be too low for another reading 30 minutes later, adjust to 6" of water and remeasure and record time.



   - F. Continue for 3½ hours taking readings every 30 minutes.
   - G. Last 30 minute reading is used in filling out Form B. Record date, time, intervals and water level drops in column g thru m.

Instructions

1. **Number and location of tests.** Percolation tests shall be made in 6 or more separate test holes which shall be spaced uniformly over the proposed lateral field site.
2. **Type of test hole.** Dig or bore a hole 3 feet deep with a diameter of 4 to 12 inches. (To save time, labor and the volume of water required per test, a 4-inch auger hole is recommended).
3. **Preparation of the test hole.** Scratch or roughen any smeared spots on the sides of the hole with a knife blade or sharp pointed instrument to provide a natural soil interface into which water may percolate. Remove all loose material from the hole. Add 2 inches of gravel to protect the bottom from scouring when water is poured into the hole.
4. **Saturation and swelling of the soil.** Fill the hole with clear water to a depth of 12 inches or more above the gravel and maintain this water level at least 4 hours and preferably overnight. The accuracy and true value of the percolation data depends on thorough saturation and swelling of the soil.
5. **Percolation-rate measurement.** Percolation-rate measurements shall be made 24 hours after starting the saturation and swelling procedure described above. Record results on the front of this form and complete all calculations.
   a. If water remains in the test hole after the overnight swelling period, adjust the depth to approximately 6 inches over the gravel. From a fixed reference point, measure the drop in water level over a 30 minute period to the nearest 1/8 of an inch. This drop is used to calculate the percolation rate.
   b. If no water remains in the test hole after the overnight swelling period, add clear water to bring the depth to approximately 6 inches over the gravel. From a fixed point, measure the drop in water level to the nearest 1/8 of an inch at 30-minute intervals for 4 hours. Refill to the 6 inch level over the gravel as often as necessary. The drop that occurs during the final 30 minutes is used to calculate the percolation rate.
   c. In sandy soils (or other soils in which the first 6 inches of water seeps away in less than 30 minutes after the overnight swelling period) the time interval between measurements shall be 10 minutes instead of 30 minutes and the test run for 1 hour instead of 4 hours. The drop that occurs during the final 10 minutes is used to calculate the percolation rate.
6. **Record the test results and complete all calculations on the front of this form.** The average of the percolation rates calculated for all holes in the last 30 (10) minutes will normally be the rate used for calculations to size the system. ***Exceptions are the use of the greatest percolation rate when rates vary more than 20 min/in between holes or when other soil analysis indicates potential percolation problems.***

LLCHD reserves the right to require additional testing based on knowledge of soil types, percolation tests results on nearby properties, or due to concerns with procedures followed. In some situations, LLCHD staff will require and perform on-site observation of percolation tests.

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

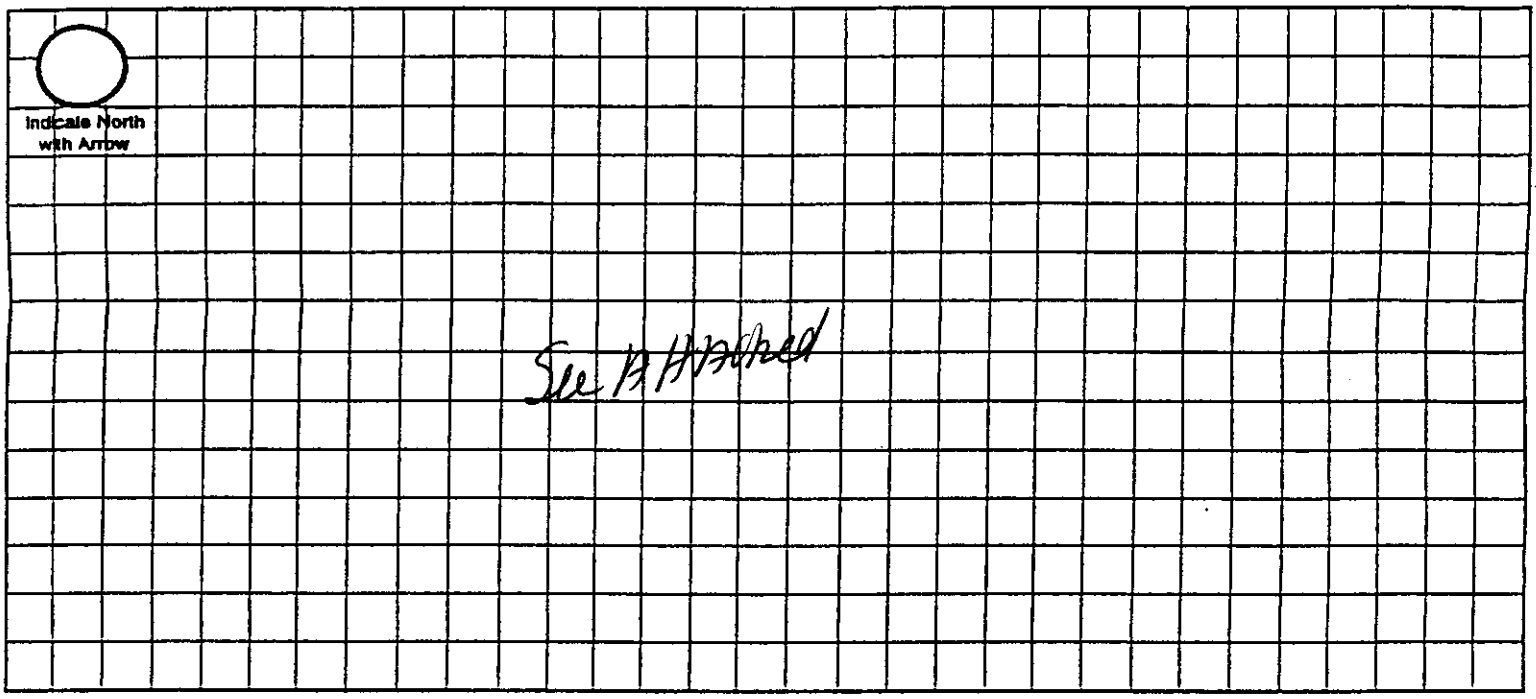
C

Permit Number:

Sewage Disposal System

Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



Approximate Scale: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 14909 NW 98th St City Raymond NE, Zip 68428

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 37 (min. per inch) Soil Type: silty clay loam Land Slope: _____ %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 825 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: ADS Gravelless chambers

Capacity of Septic Tank 1,500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 210 ft. Number of Trenches 3 Trench Width 40"

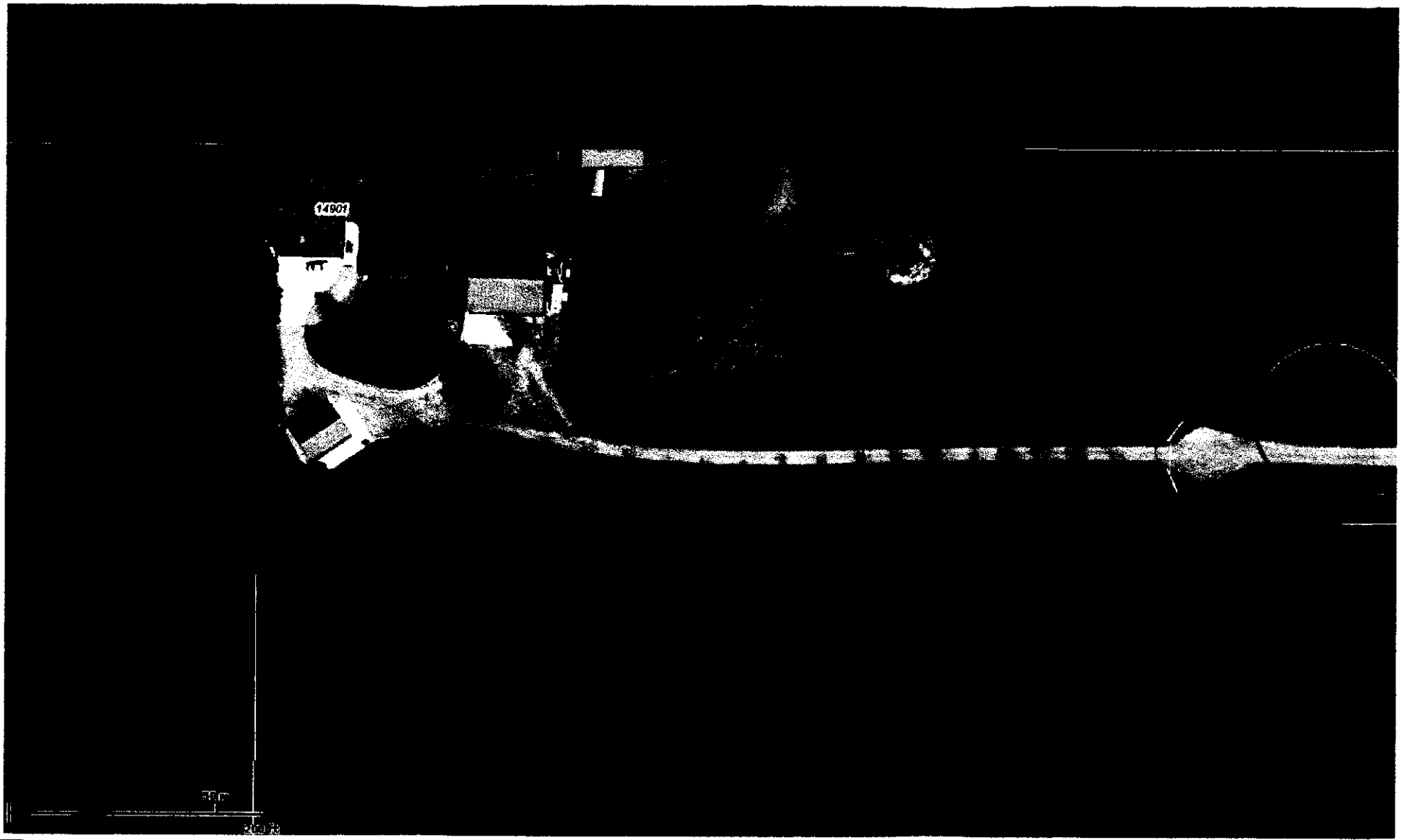
D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☐	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor Existing Date 5-20-13

Installer Kevin M. Johnson Date 5-20-13



N
W E
S

Lancaster County/City of Lincoln GIS Map

Dale Sanders 402-540-0760

14909 NW 98th St

Printed: May 23, 2013

DISCLAIMER: The information is presented on a best-effort basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email ags@lincoln.ne.gov and you will be directed to the appropriate department.

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS000757

System Type: Lagoon

Situs: 14909 NW 98 ST, RURAL, NE

Issued: 5/31/2013

Expires: 5/29/2014

Description: S4, T11, R5, 6th Principal Meridian, LOT 11 NE

Owner: SANDERS, DALE B & DONNA E
14909 NW 98 ST
RAYMOND, NE 68428

Judith A Halstead
Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead
Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING
13800 NW 70TH
RAYMOND, NE 68428

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

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RAYMOND CONTRACTING
13800 NW 70TH
RAYMOND, NE 68428

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

FILE NO. 848-C

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF PERMIT

December 7, 1976 — THIS PERMIT EXPIRES

Allen Hughes — ISSUED TO

3108 North 40 Street; Lincoln, Nebraska — ADDRESS

T11N; R5E; NE 1/4 of Section 4; 1 I.T.

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 9.23.76 — AMOUNT

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

ISSUING OFFICER

2832

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

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. 848-C

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

DATE: June 7- 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. 11 N ; Range 5E ; Section 4 NE ¼
Block _____; Lot Part of II ; Addition _____
Street Address ~~EX E 5 ACRES~~ See attached

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: _____ ft.

(ALLEN HUGHES OWNER
HANK BUIS CONST. COMP.
Signature of Applicant (Owner or Lessee)

3108 N. 40th 68504
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 6/7/76 . ACTION: Approved ☒ Disapproved ☐
Date Frwd. 6/7/76 . Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: Date Rec'd. _____ ACTION: Approved ☐ Disapproved ☐
Date Frwd. 9/23/76 Signature: Dan Dale

3. City or County Engineer : Date Rec'd. 9/22/76 . ACTION: Approved ☒ Disapproved ☐
Date Frwd. 9/22/76 . Signature: Henry Graff

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. 848-C

DATE: _____

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. 11 N ; Range 5E ; Section 4 NE¼ _____ ; Block _____ ; Lot I.T. ; Addition _____.
Street Address _____ EX. E. 5 ACRES

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).

HANK BUIS CONST.
Signature of Applicant (owner or lessee)
FOR ALLEN HUGHES

3108 N. 40TH
Address

(Do not write below double line)

REVIEWING ACTION

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

2. Site Visits:
Date: 11-3-76 by: jw
Date: _____ by: _____
Date: _____ by: _____

3. Date: Approved ☒ ; Disapproved ☐ 6/7/76
by: Jerrold C. Hood

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: 11-3-76 by: James Weverka

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. 848-C

PROPERTY WHERE SOIL TESTED:
Location: Township 11 N; Range 5 E
Section & ¼ Sect. 4 NE¼
Property Dimensions: ____ ft. x ____ ft.
Area: ____ acres. (Attach sketch of property showing hole location).
Soil Type: Silty Clay ☐; Silty Clay Loam ☐; Sandy Loam ☐
Silty Loam ☐; Clay Loam ☐; Sandy Clay ☐

Owner: HANK BUIS CONST FOR ALLEN HUGHES
Address 3108 N 40

Dates of Tests: June 4 to June 5. Weather: Precip. ____ Temp. ____ F

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	30	June 4	10:00	June 5	10:00	June 5	1:05	24½	1:35	25⅝	30	1⅛	
2	"	"	"	"	"	"	"	24	"	25	"	1	
3	"	"	"	"	"	"	"	21½	"	22¾	"	1¼	
4	"	"	"	"	"	"	"	21	"	22	"	1	
5	"	"	"	"	"	"	"	20⅛	"	21¼	"	1⅛	
6	"	"	"	"	"	"	"	11½	"	12	"	½	

Sum of Percolation Rates
Average of Rates:
Mean of Rates:

Norm Bengtson
Signature of Person Conducting Test

Address 3300 N 53rd
Phone: 466-5210

(Do not write below this line)

REVIEWING ACTION

REMARKS:

DATE: June 7, 1976

Approved Percolation Rate(s)
A. 30 min./inch
B. ____ min./inch
C. ____ min./inch

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. 848-C

SPECIFICATIONS

DATE: _____

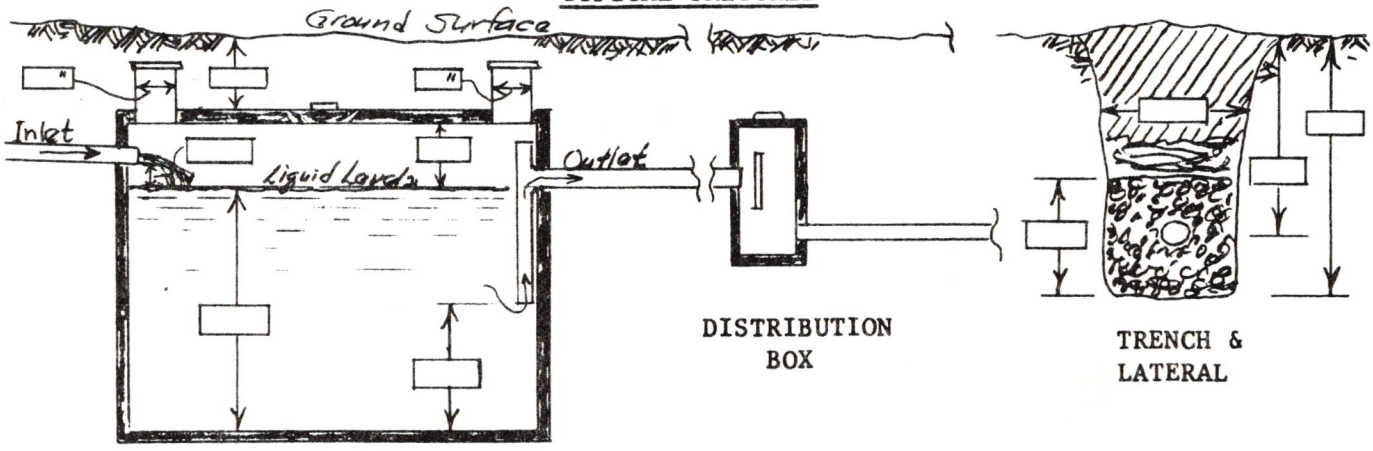
A. BUILDING SEWER:
1. Material _____; Diameter ____ in.
2. Distance above basement floor ____in.; or below basement floor ____in.
3. Distance between dwelling and septic tank ____ft.
4. Number of clean-outs _____.
5. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property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

B. SEPTIC TANK (Provide construction drawings.)
1. Material FIBER GLASS; 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: HALF ROUND
2. Lateral Lines: Depth below grade ___in. Number ____; Length of each line ___ft Total length of Laterals 188 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



HANK BUIS CONST.
Signature of Applicant

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: Nov. 3-76

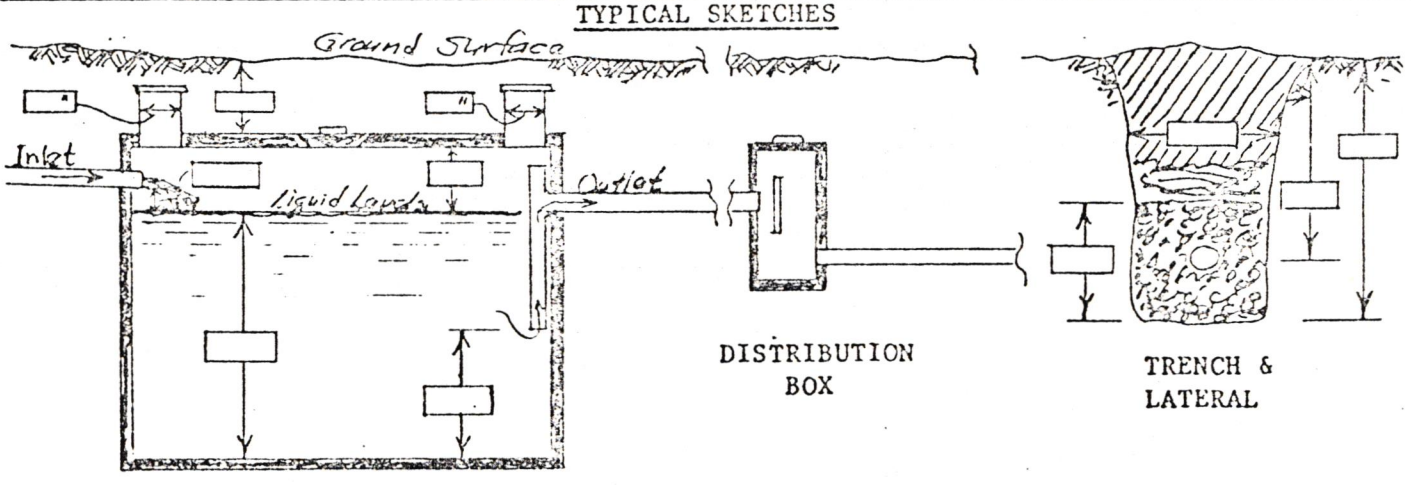
A. BUILDING SEWER:
1. Material _____; Diameter ____ in.
2. Distance above basement floor ____in.; or below basement floor ____in.
3. Distance between dwelling and septic tank ____ft.
4. Number of clean-outs _____.
5. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property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

B. SEPTIC TANK (Provide construction drawings.)
1. Material FIBER GLAS; No. of compartments 1.
2. Capacity 1000 gals.; Liquid depth ____in.
3. Factory Built: Yes ☒ (Company CORK-A-GLAS) 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 8 in.
8. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

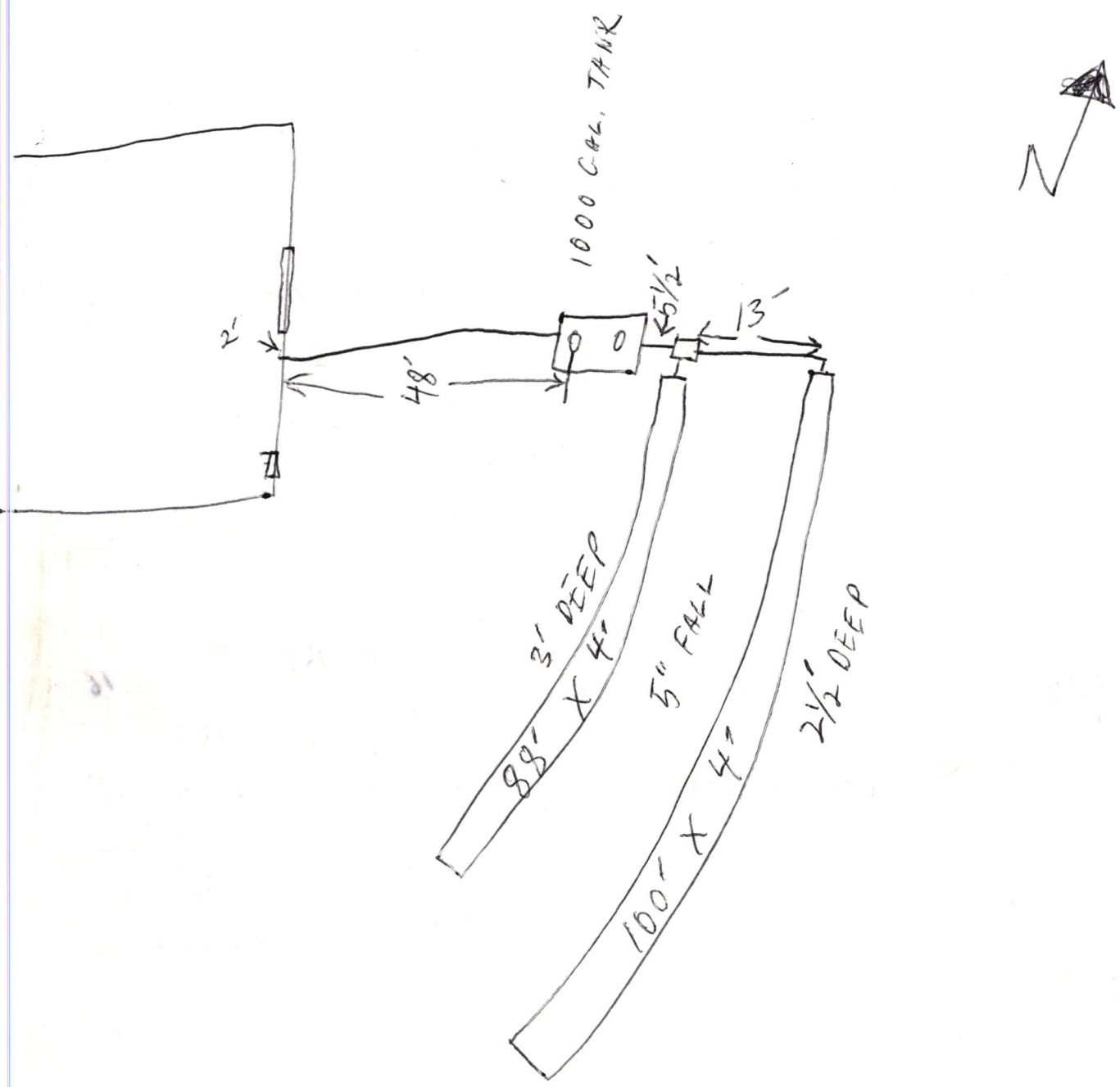
C. DISTRIBUTION BOX
1. Material CONCRETE; No. available outlets 5.
2. Factory Built: Yes ☒, (Company PRE CAST) No ☐
3. Dimension: Length ____in.; Width ___in. Depth ____in.
4. Distance from Septic Tank 3 ft.
5. Serial Distribution: Yes ☐, No ☐ (If yes, show detailed plans.)

D. ABSORPTION FIELD: (Provide drawings.)
1. Type: HALF ROUND
2. Lateral Lines: Depth below grade 16 in. Number 2; Length of each line ___ft Total length of Laterals 88 ft.; Slope 5 in/100 ft. Diameter of pipe 12 in.; Shape HALF ROUND Material: concrete ☐; fiber asbestos ☐; clay ☐; other _____ Distance between lateral lines ____ft.
3. Trench Dimensions: Depth 36 in.; Width 48 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



Signature of Applicant



Nov 3-76

Norm Berghuis

Description of Survey

A tract of land located in part of Lot 1, in Section 4-Township 11 North-Range 5 East of the 6th P.M. Lancaster County is described as follows;

Beginning at the Northwest corner of Lot 1 thence Southerly on the West line said Lot 1, assumed bearing of S 0°02' E, a distance of 297.0 feet to the southwest corner said Lot 1, thence Easterly on the South line said Lot 1, N 89°56' E, a distance of 850.28 feet, thence N 13°32'24" W, a distance of 21.57 feet to the Southerly County Road Right-of-Way, said point being point of Cul-de-Sac having a radius of 60.0 feet and a central angle of 131°23'31", thence Northwesterly on the arc of said Cul-de-Sac an arc length of 137.45 feet, thence N 48°44'29" W, a distance of 267.16 feet to the North line of said Lot 1, thence S 89°56' W, a distance of 599.05 feet to the point of beginning.

Containing 5.03 acres more or less

Also to a tract of land located in part of Lot 1, in Section 4 Township 11 North-Range 5 East of the 6th P.M. Lancaster County is described as follows;

Referring to the Northwest corner of Lot 1, thence Easterly on the North line said Lot 1, on an assumed bearing of N 89°56' E, a distance of 599.05 feet to the point of beginning, thence S 48°44'29" E a distance of 267.16 feet to the County Road Right-of-Way line (being a Cul-de-Sac having a radius of 60.0 feet, thence Southeasterly on the arc of a 60.0 foot radius curve having a central angle of 113°34'45", an arc length of 119.08 feet to point of a reverse curve to the left having a central angle of 64°58'16" and a radius of 44.0 feet, an arc length of 49.63 feet to point of tangency, thence S 89°52' E a distance of 352.54 feet to point of curvature (having a centerline angle of 42°54' left and a tangent of 50.0 feet) N 68°33'07" E, a chord length of 71.10 feetto point of tangency, thence N 47°14'E, a distance of 68.7 feet to point of curvature (having a centerline angle of 58°58' right and a tangent of 70.0) N 76°43'08"E, a chord length of 151.30 feet to point of tangency, thence S 73°48' E, a distance of 64.85 feet, thence N 5°44'29" W, a distance of 126.75 feet to the North line said Lot 1, thence S 89°56' W, a distance of 1007.0 feet to the point of beginning.

Containing 3.89 acres more or less.

Also to a tract of land located in part of Lot 1, is described as follows;

Referring to the Southeast corner of Lot 1, thence Westerly on an assumed bearing of S 89°56' W, a distance of 718.95 feet to the point of beginning, said point being point of curvature (having a centerline angle of 32°46' right and a tangent of 50.0 feet) N 73°40'59" W, a chord length of 112.78 feet to point of tangency, thence N 57°18' W, a distance of 56.0 feet to point of curvature (having a centerline angle of 16°30' left and a tangent of 50.0 feet) N 65°32'54" W, a chord length of 90.1 feet to point of tangency, thence N 73°48' W, a distance of 113.40 feet to point of curvature (having a centerline angle of 58°58'left and a tangent of 70.0 feet) S 76°43'09" W, a chord length of 92.70 feet to point of tangency, thence S 47°14' W, a distance of 68.70 feet to point of curvature (having a centerline angle of 42°54' right, and a tangent of 50.0 feet) S 68°32'10" W, a chord length of 115.10 feetto point of tangency, thence S 89°52' W, a distance of 446.77 feet, thence S 13°32'24" E, a distance of 21.57 feet, thence Easterly on the South line of Lot 1, N 89°56' E, a distance of 1035.77 feet to the point of beginning.

Containing 1.20 acres more or less

BEFORE THE BOARD OF COUNTY COMMISSIONS OF LANCASTER COUNTY, NEBRASKA

In the Matter of)
Dedicating a Portion) RESOLUTION NO. 3122
of Road for Public Use.)

WHEREAS, Allen D. Hughes and Diane E. Hughes, husband and wife, and Emma Sophia Thompson, a single person, are the owners in fee of a tract of land located in the Northeast Quarter (NE 1/4) of Section 4, Township 11 North, Range 5 East of the 6th P.M., Lancaster County, Nebraska; and

WHEREAS, the above described owners desire that a portion of said land be dedicated for public road purposes and deeded to Lancaster County, Nebraska; subject to the condition that said road will not be maintained by Lancaster County, but will be maintained by the adjacent land owners.

WHEREAS, a copy of said deed is attached hereto for reference purposes and marked as Exhibit "A".

NOW, THEREFORE, BE IT RESOLVED that the deed be accepted by Lancaster County and the legal description contained therein be dedicated for public road purposes.

BE IT FURTHER RESOLVED that the road as dedicated will be maintained by the adjacent property owners and not by the County of Lancaster.

DATED this 21 day of September, 1976, Lincoln, Lancaster County, Nebraska.

BY THE BOARD OF COUNTY COMMISSIONERS
OF LANCASTER COUNTY, NEBRASKA

APPROVED AS TO FORM
THIS 24 DAY OF Sept, 1976
Dep. LANCASTER COUNTY ATTORNEY

THIS INDENTURE, Made this 21st day of September, in the year one thousand nine hundred and seventy-six, between

EMMA S. THOMPSON, a single person

and ALLEN HUGHES AND DIANNE HUGHES, Husband and Wife,

of the first part, and LANCASTER COUNTY, NEBRASKA

of the second part,

WITNESSETH, that the said parties of the first part, in consideration of the sum of ONE AND NO/100---- --------($1.00)----------DOLLARS, to them duly paid, the receipt whereof is hereby acknowledged they have remised, released, and quit-claimed, and by these presents do remise, release and forever quit-claim unto the said parties of the second part, and to his, her or their heirs and assigns forever, all his, her or their right, title and interest, in and to all

Description of Survey

A tract of land located in part of Lot 1, in Section 4- Township 11 North- Range 5 East of the 6th P.M. Lancaster County is described as follows;

Referring to the Southeast corner of Lot 1, thence Westerly on the South line of said Lot 1, (assumed bearing of S 89°56' W) a distance of 33.0 feet to the point of beginning, thence continuing Westerly, S89°56'W, a distance of 718.95 feet to point of curvature (having a centerline central angle of 32°46' right, and a tangent of 50.0 feet) N 73°40' W, a chord length of 112.70' to part of tangency, thence N 57°18' W, a distance of 56.0 feet to point of curvature (having a centerline angle of 16°30' left, and a tangent of 50.0 feet) N 65°32'54" W a chord length of 90.1 feet to point of tangency, thence N 73°40' W, a distance of 113.40 feet to point of curvature (having a centerline angle of 58°58' left, and a tangent of 70.0 feet) S 76°43'09" W, a chord length of 92.70 feet to point of tangency, thence N 47°14' W, a distance of 60.70 feet to point of curvature (having a centerline angle of 42°54' right, and a tangent of 50.0 feet) S 68°32'10" W, a chord length of 115.10 feet to point of tangency thence S 89°52' W, a distance of 446.77 feet to point of cul-de-sac (having a radius of 60.0 feet, and a central angle of 244°58'16", an arc length 256.53 feet to point of a reverse curve to the left (having a central angle of 64°58'16" and a radius of44.0 feet) an arc length of 49.63 feet, to point of tangency, thence S 89°52' E, a distance of 352.54 feet to point of curvature (having a centerline angle of 42°54' left and a tangent of 50.0 feet) N 68°33'07" E, a chord length of 71.10 feet to point of tangency, thence N 47°14' E a distance of 68.7 feet to point of curvature (having a centerline angle of 58°58' right, and a tangent of 70.0 feet) N 76°43'08" E, a chord length of 151.30 feet to part of tangency, thence S 73° 40' E, a distance of 113.40 feet to point of curvature (having a centerline angle of 32°46' right and a tangent of 50.0 feet) S65° 32' 46" E a chord length of 107.57 feet to point of tangency, thence S 57°18' E, a distance of 56.0 feet to point of curvature (having a centerline angle of 32°46' left and a tangent of 50.0 feet) S 73° 38' 58" E, a chord length of 79.14 feet to point of tangency, thence N 89°56' E, a distance of 718.95 feet thence S 0°02' E, a distance of 60.0 feet to the point of beginning.

Containing 1.58 Acres more or less.

and recorded in Book.....of.....at page.....

.....Reg. of Deeds By.....Deputy