Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

003033

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380270601

Issued 08/28/03
Expires 02/28/04
Revenue Code 3157

Establishment: VIKTOR DERUN
T11N R6E SEC 2 QTR NE
LOT 22IT
NO ADDRESS-RAYMOND

FEES: $200.00

Permittee: VIKTOR DERUN
13831 BAILIE ST
WAVERLY NE 68462

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

A

Permit Number: 03380270601

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address _____ City Raymond NE, Zip 68428

Legal Description (no rural route) ~~Lot 19~~ T.T. in the NE 1/4 sec. 2 T 11 N, R 6 E
1/4 1/4 Section Township Range Subdivision Addition Block Lot 22 & 7

Geographical Location (if known): Longitude _____ Latitude _____

☒ Check if system mail address is not the same as the owner's address

B. Owner

Name DeRun, Viktor Signature _____

Address 13831 Bailie St. City/State/Zip Waverly, NE 68462

☐ Check if owner designed system Home Phone (402) 786-3891 Work Phone 890-7632

C. Contractor

Name DeRun, Viktor Company Name Waverly Plumbing & Well Mike Pirtle

Address same as above City/State/Zip PO Box 116 Waverly

☐ Check if contractor designed system Work Phone _____

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name _____ Firm _____ Work Phone _____

E. This System Will Serve a

☐ Residential Dwelling Number of Bedrooms 6 Is there a Whirlpool Bathtub (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. 2832

1. **Health Department**	Date rec'd 8/28/03	**ACTION** ☒ Approved	☐ Disapproved
12-29-04 JM	Date frwd 9/2/03	Signature Jerrold C. Hood	
2. **Supt. Bldg. Insp. or Village Clerk**	Date rec'd 9-3-03	**ACTION** ☒ Approved	☐ Disapproved
	Date frwd 9-3-03	Signature	
3. **City or County Engineer**	Date rec'd 9/3/03	**ACTION** ☒ Approved	☐ Disapproved
	Date frwd 9/3/03	Signature	

Installation Final Written Approval

By Ron Maynard

Date 1-13-05

Business Office Use Only

Date Rec'd 08/28/03

Amt Paid 200.00

Rec'd By _____ ~~Cash~~/Check No. 1943

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

Victor DeRun

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

B

Permit Number: 033802706

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (indicate correct number and street)

Address 14& Raimond Rd (no rural route) City _____ NE, Zip _____

Owner Victor DeRun Address 13831 Bailie SDR Waverly

Soil Type (SCS): SHARPSBURG & WYMORE SILTY CLAY LOAM Percolation Rate: _____ min./inch

Date of Tests 6-18-03 to 6-20-03 Weather: Precipitation dry Temperature 80°

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/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	6-18	3:30	6-20	5:00	6-20	4:30	6"	6-20	6:00	30	2 1/2	12 MIN/IN
2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	2 1/2	12 MIN/IN
3												3	10 MIN/IN
4												2 3/4	11 MIN/IN
5												2 5/8	11 MIN/IN
6												2 1/4	13 MIN/IN

Person Conducting Percolation Tests

Name: Dave Dietze
Phone: 402-786-2682
Address 9651 N. 149th Place
Waverly NE 68462

Sum of Percolation Rates: _____
Average of Rates: _____
Rate Used for Calculation: 12 MIN/IN

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks RATHER FAST FOR SHARPSBURG OR WYMORE

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date AUGUST 29, 2003

FORM 23-101 10-86

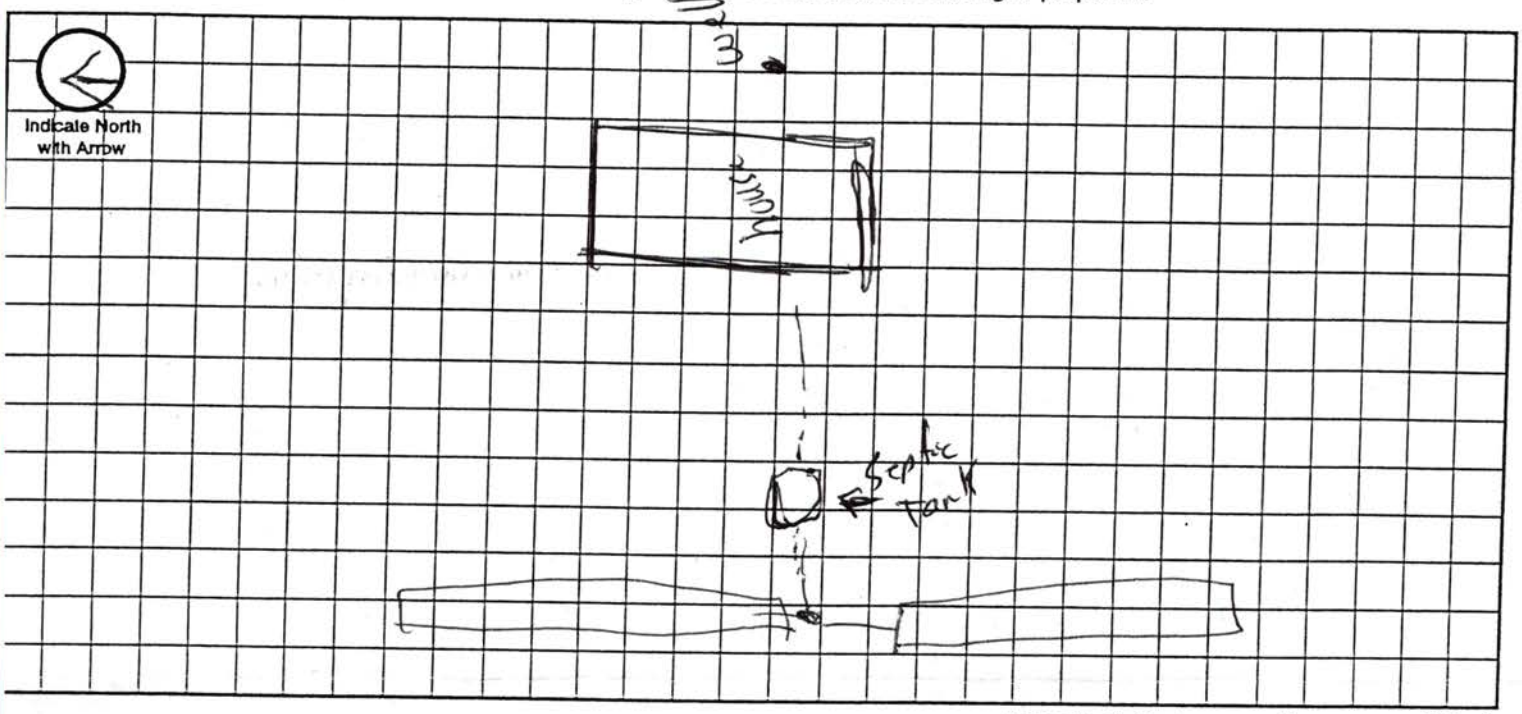
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 033802706

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) _____ City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 12 (min. per inch) Soil Type: SHARPSBURG & WYMORE SILTY CLAY LOAM Land Slope: _____ %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other Infiltrator w gravel

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

Type of Lateral: ☒ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 315 ft. Number of Trenches _____ Trench Width 4 ft

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 U. Derry 890-7632 Date 8-13-03

Installer Michael P Duffy - Waverly Plumbing & Well Date 8-13-03

FM 23-102 10-96

Attn. Ron Marquart

Victor DeRun

JAN 13 2005

D

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

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 12-29-04

System Location (Indicate correct number and street)

Address 14515 N. 14 (no rural route) City Raymond NE, Zip 68428

A. Building Sewer

1. Material: PVC SDR 26
   Diameter: 4" in.
2. Distance above basement floor: NA in.
   or distance below basement floor: 12" in.
3. Distance between dwelling and septic tank: 65 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 102 ft.
   stream NA ft.
   pressure line 80 ft.
   property line 200 ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 2 X 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 12" in.
   Over outlet, diameter ____ in.
   Riser: ☒ above ☐ below grade [redacted] in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 16" in.
8. Distances to: Well or suction line 100 Plus ft.
   Stream NA ft.
   Pressure line 100 Plus ft.
   Property line 80 ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 35' ft.

D. Absorption Field

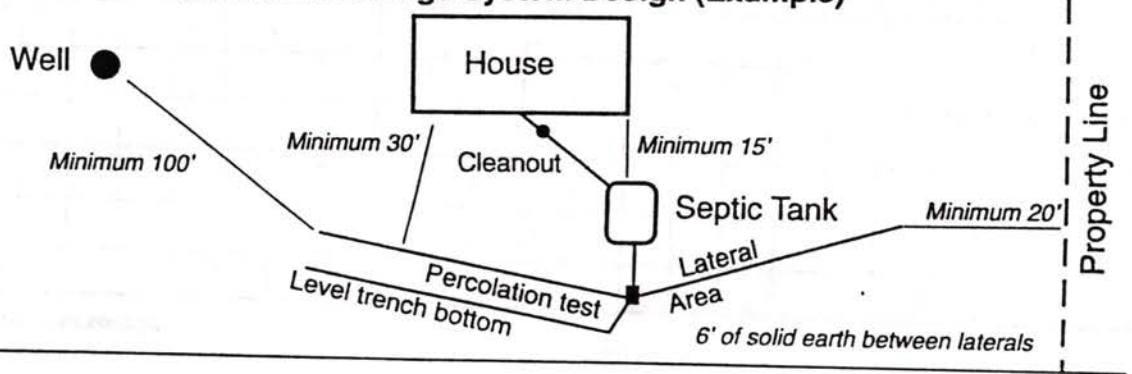
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: Bio Infiltor
   or perforated pipe: High CHP
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number ~~4~~ 3
   Length of each line: 150 ft. 150 ft.
   15 ft. ____ ft., ____ ft.
3. Trench dimensions: Width 3 ft.
   Slope 0 in/100 ft.
   Average depth ____ in
4. Filter material: Gravel
   Depth of material 16" in.
5. Distances to: Well or suction line 200 Plus ft.
   Stream NA ft.
   Pressure line 200 ft.
   Property line 50 ft.

Indicate North with Arrow

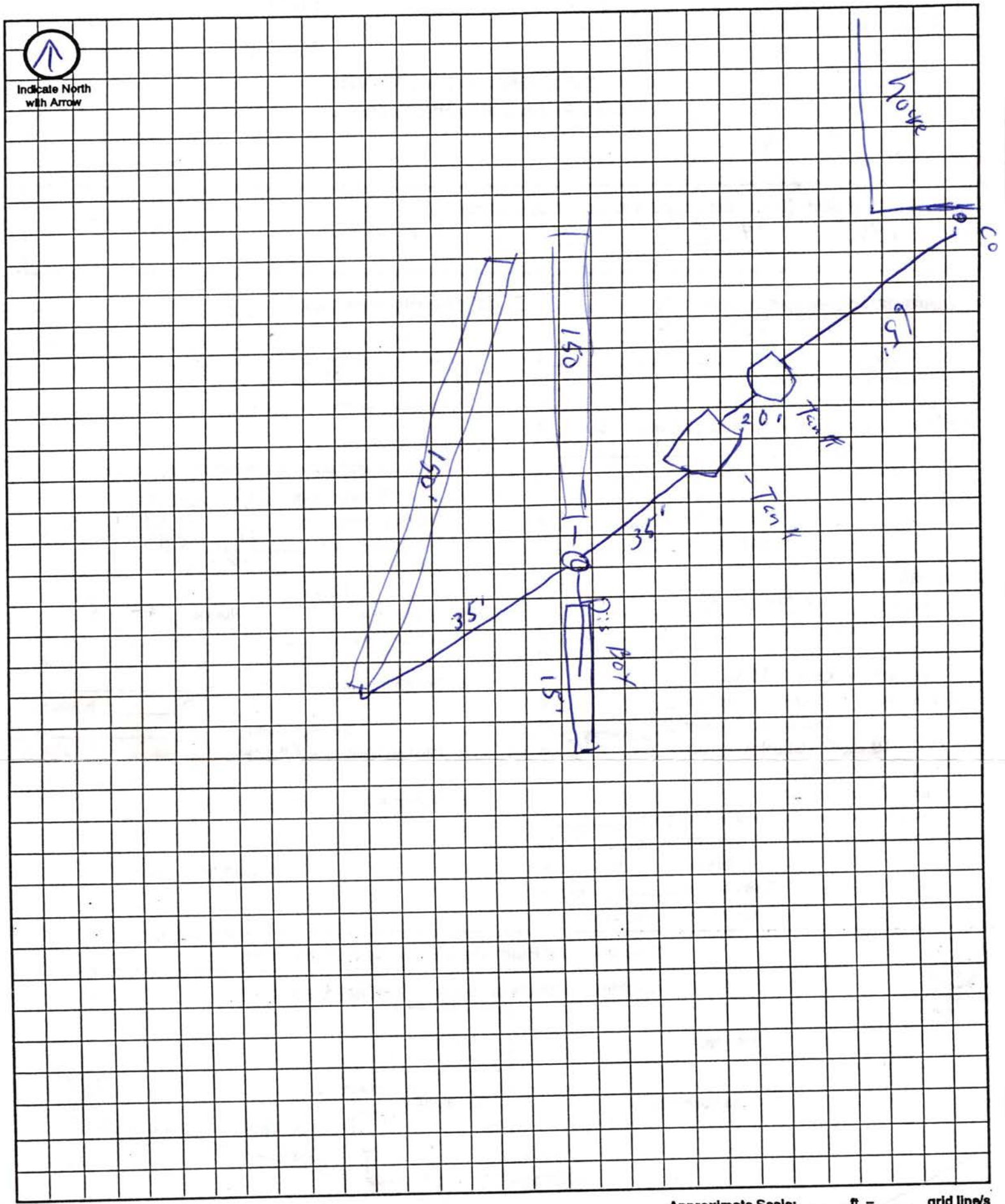
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



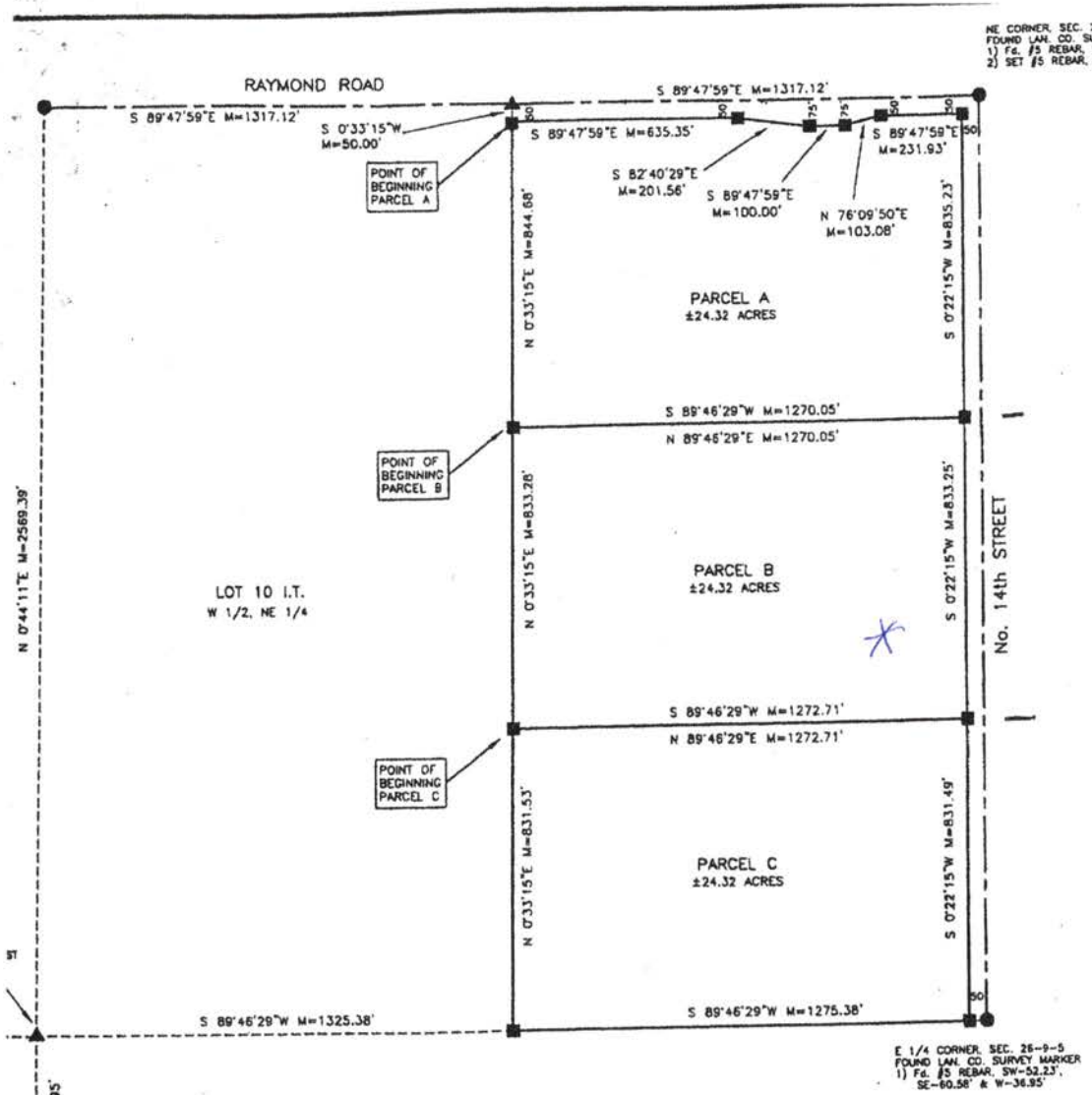
FORM 23-103 10-96

As Built Drawing



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

BOUNDARY SURVEY
LOT 19 I.T., IN THE NE 1/4
SEC. 2, T 11 N, R 6 E
LANCASTER COUNTY, NEBRASKA



LEGAL DESCRIPTION

PARCEL A
THAT PART OF LOT 19 IRREGULAR TRACT, LOCATED IN THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 11 NORTH, RANGE 6 EAST OF THE 6th P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 19 IRREGULAR TRACT, SAID POINT BEING 50.00' SOUTH OF THE NORTHWEST CORNER OF THE EAST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 2; THENCE ON THE NORTH LINE OF SAID LOT 19, AND THE SOUTH RIGHT OF WAY LINE OF RAYMOND ROAD FOR THE NEXT FIVE (5) COURSES, ON AN ASSIGNED BEARING OF S 89°47'59"E A DISTANCE OF 635.35'; THENCE S 82°40'29"E 201.56'; THENCE S 89°47'59"E 100.00'; THENCE N 76°09'50"E 103.08'; THENCE S 89°47'59"E 231.93', TO THE NORTHEAST CORNER OF SAID LOT 19, SAID POINT BEING 50.00' WESTERLY OF THE EAST LINE OF SAID NORTHEAST QUARTER; THENCE ON THE EAST LINE OF SAID LOT 19, AND THE WEST RIGHT OF WAY LINE OF NORTH 14th STREET, S 0°22'15"W 835.23'; THENCE S 89°46'29"W 1270.05', TO A POINT ON THE WEST LINE OF SAID LOT 19, AND THE WEST LINE OF THE EAST HALF OF SAID NORTHEAST QUARTER; THENCE ON SAID WEST LINE, N 0°33'15"E 844.68', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 24.32 ACRES, MORE OR LESS.

PARCEL B
THAT PART OF LOT 19 IRREGULAR TRACT, LOCATED IN THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 11 NORTH, RANGE 6 EAST OF THE 6th P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 19 IRREGULAR TRACT, SAID POINT BEING 50.00' SOUTH OF THE NORTHWEST CORNER OF THE EAST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 2; THENCE ON THE WEST LINE OF SAID LOT 19, ON AN ASSIGNED BEARING OF S 0°33'15"W A DISTANCE OF 844.68', TO THE POINT OF BEGINNING; THENCE N 89°46'29"E 1270.05', TO A POINT ON THE EAST LINE OF SAID LOT 19, SAID POINT BEING 50.00' WESTERLY OF THE EAST LINE OF SAID NORTHEAST QUARTER; THENCE ON THE EAST LINE OF SAID LOT 19, AND THE WEST RIGHT OF WAY LINE OF NORTH 14th STREET, S 0°22'15"W 833.25'; THENCE S 89°46'29"W 1272.71', TO A POINT ON THE WEST LINE OF SAID LOT 19, AND THE WEST LINE OF THE EAST HALF OF SAID NORTHEAST QUARTER; THENCE ON SAID WEST LINE, N 0°33'15"E 833.28', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 24.32 ACRES, MORE OR LESS.

PARCEL C
THAT PART OF LOT 19 IRREGULAR TRACT, LOCATED IN THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 11 NORTH, RANGE 6 EAST OF THE 6th P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 19 IRREGULAR TRACT, SAID POINT BEING 50.00' SOUTH OF THE NORTHWEST CORNER OF THE EAST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 2; THENCE ON THE WEST LINE OF SAID LOT 19, ON AN ASSIGNED BEARING OF S 0°33'15"W A DISTANCE OF 1677.96', TO THE POINT OF BEGINNING; THENCE N 89°46'29"E 1272.71', TO A POINT ON THE EAST LINE OF SAID LOT 19, SAID POINT BEING 50.00' WESTERLY OF THE EAST LINE OF SAID NORTHEAST QUARTER; THENCE ON THE EAST LINE OF SAID LOT 19, AND THE WEST RIGHT OF WAY LINE OF NORTH 14th STREET, S 0°22'15"W 831.49', TO THE SOUTHEAST CORNER OF SAID LOT 19; THENCE ON THE SOUTH LINE OF SAID LOT 19, S 89°46'29"W 1275.38', TO THE SOUTHWEST CORNER OF SAID LOT 19; THENCE ON THE WEST LINE OF SAID LOT 19, AND THE WEST LINE OF THE EAST HALF OF THE NORTHEAST QUARTER, N 0°33'15"E 831.53', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 24.32 ACRES, MORE OR LESS.

SURVEYOR'S CERTIFICATE

I, THE UNDERSIGNED, A DULY REGISTERED LAND SURVEYOR IN AND FOR THE STATE OF NEBRASKA, DO HEREBY CERTIFY THAT I CAUSED A SURVEY TO BE MADE OF THE FORGOING DESCRIBED PROPERTY, AND THAT THE RESULTS OF SAID SURVEY ARE TRULY AND ACCURATELY DEPICTED HEREON, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

IN TESTIMONY WHEREOF WITNESS MY HAND AND SEAL THIS 6th DAY OF DECEMBER, 2002.

BILLY JOE KERR, LS #483

NEBRASKA REGISTERED LS-483 LAND SURVEYOR BILLY JOE KERR

LOCATION SKETCH
NOT TO SCALE

NW	NE
SW	SE

RECEIVED
AUG 28 2003

K & M INC.
LAND SURVEYING
540 W. INDUSTRIAL LAKE DR. #1
LINCOLN, NE 68528
(402) 476-3020
(402) 476-3138 FAX


(Joins sheet 9)
(Joins sheet 13)
(Joins sheet 19)
5000 Feet
Scale 1:20000
0
1000
2000
3000
4000
5000
470 000 FEET
2 765 000 FEET
Little Salt Creek
10
11
14
15
2
3