Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

002183

(402) 441-8000

Permit SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380262901

Issued 05/01/03
Expires 11/01/03
Revenue Code 3157

Establishment SERGEY & NELYA DERUN
T11N R6E SEC 2
PARCEL C-23.86 ACRES
14301 N 14 ST-RAYMOND

FEES: $200.00

TOTAL: $200.00

Permittee SERGEY & NELYA DERUN
13810 BAILIE ST
WAVERLY NE 68462

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: 033802162901

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 14301 N. 14 Street (no rural route) City Raymond NE, Zip 68428

Legal Description 2 (1/4) (1/4) Section 11 Township 6 N Range 6 E Subdivision SEE ATTACHED Addition Parcel C 23.86 Acres Block Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Sergey + Nelya Derun Signature Nelya Derun

Address 13810 Bailie St City/State/Zip Waverly, NE 68462

☐ Check if owner designed system Home Phone 786-3382 Work Phone 890-0493

C. Contractor

Name Michael P Dietze Company Name Waverly Plumbing & Well

Address PO Box 116 City/State/Zip Waverly NE

☐ Check if contractor designed system Work Phone 786-5620

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 5/1/03 Date frwd 5/1/03 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5-1-03 Date frwd 5-1-03 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 05/01/03 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date OCTOBER 3, 2003

Business Office Use Only

Date Rec'd 05/01/03

Amt Paid 200.00

Rec'd By LO ~~Cash~~/Check No. 2076

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

14th Raymond Rd

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

B

Permit Number: 03302629

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address _____ City _____ NE, Zip _____
(no rural route)

Owner Sergey Derun Address _____

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

Date of Tests 4-11-03 to 4-12-03 Weather: Precipitation dry Temperature 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				
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"	4-11	500p	4-12	6:00p	4-12	6:00	6"	4-12	6:30	30	2 1/4	13 MIN/IN
2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	2 1/2	12 MIN/IN
3												2 1/2	12 MIN/IN
4												2 3/4	11 MIN/IN
5												2 1/2	12 MIN/IN
6	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	2 3/4	11 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 _____

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date MAY 1, 2003

FORM 23-101 10-86

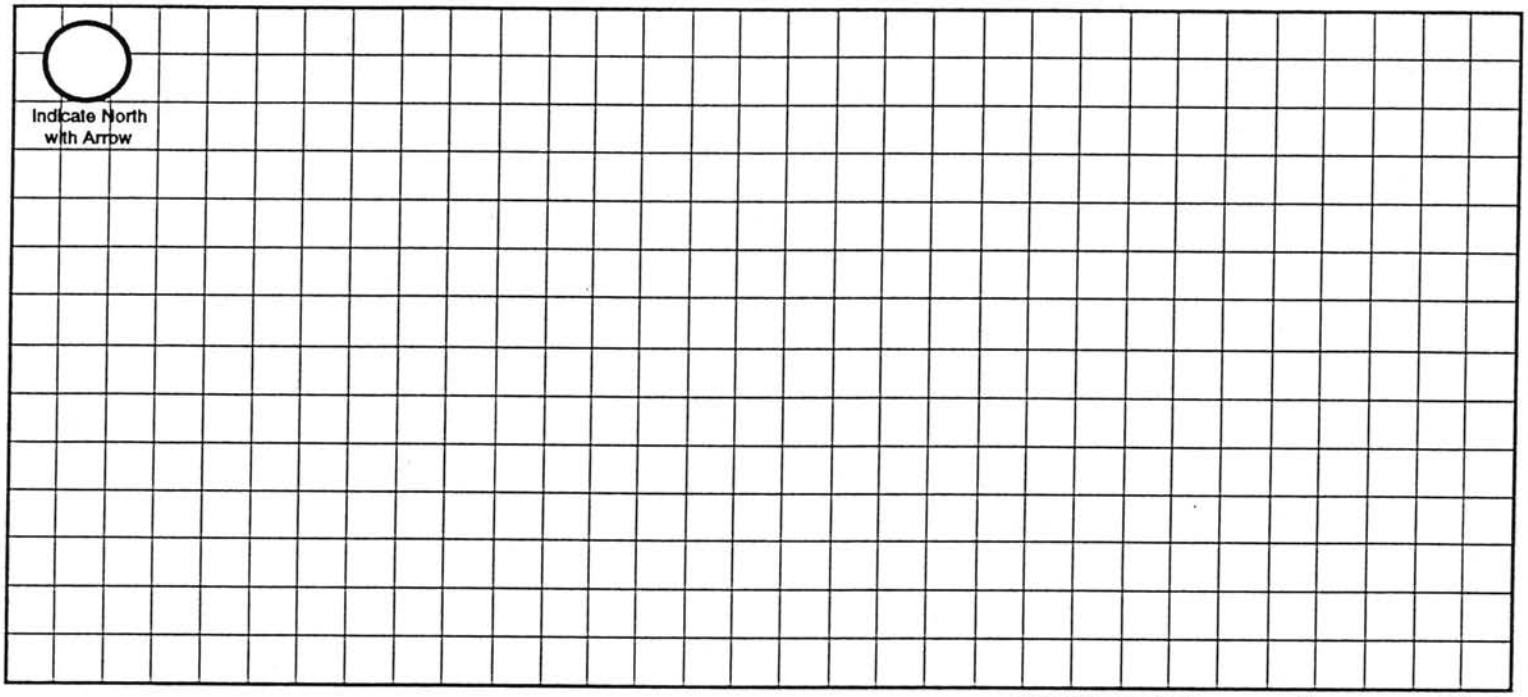
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 033802629

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) 14301 NORTH 14TH STREET 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 SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 1260 sq. ft.

Type of Lateral: ☒ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: Infiltra w GRAVEL

Capacity of Septic Tank 2000 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 ☒ N/A	50 ☒	NA ☒	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒ N/A	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor Sergey Derevy Date 4-28-03

Installer Michael P Peck Date 4-22-03

FORM 23-102 10-96

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10-2-03

System Location (Indicate correct number and street)

Address 14301 N 14th (no rural route) City Raymond NE, Zip

A. Building Sewer

1. Material: PVC SDR-26
   Diameter: 4 in.
2. Distance above basement floor: — in.
   or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 50 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 50 ft.
   stream NA ft.
   pressure line 40' ft.
   property line 300' Plus ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 2 TANKS
2. Capacity: 2 1000 gal. = 2000
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 18 in.
   Over outlet, diameter 18 in.
   Riser: ☒ above ☐ below grade in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 18' in.
8. Distances to: Well or suction line 100 ft.
   Stream NA ft.
   Pressure line 100 ft.
   Property line 300 Plus

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 6 ft.

D. Absorption Field

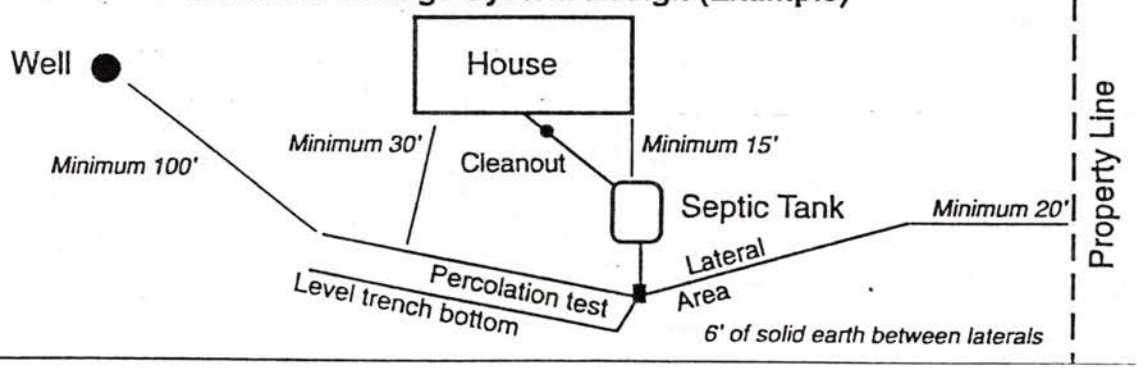
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round:
   or perforated pipe:
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other Infiltor
2. Lateral lines: Number 3
   Length of each line: 133 ft. 133 ft.
   78 ft. ft., ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: gravel
   Depth of material 24 in.
5. Distances to: Well or suction line 175 ft.
   Stream NA ft.
   Pressure line 175 ft.
   Property line 300 Plus ft.

Indicate North with Arrow

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

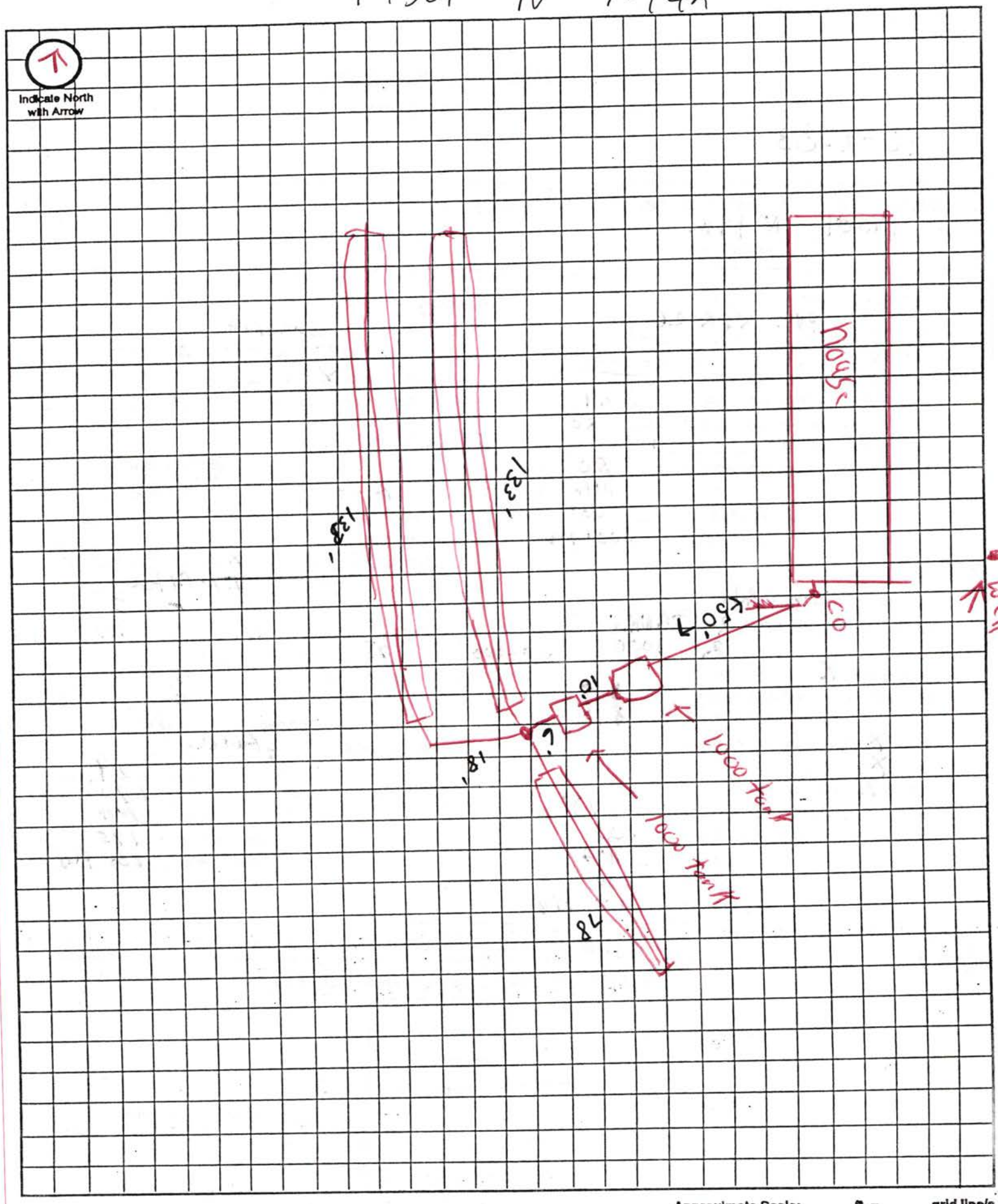
Individual Sewage System Design (Example)



FORM 23-103 10-96

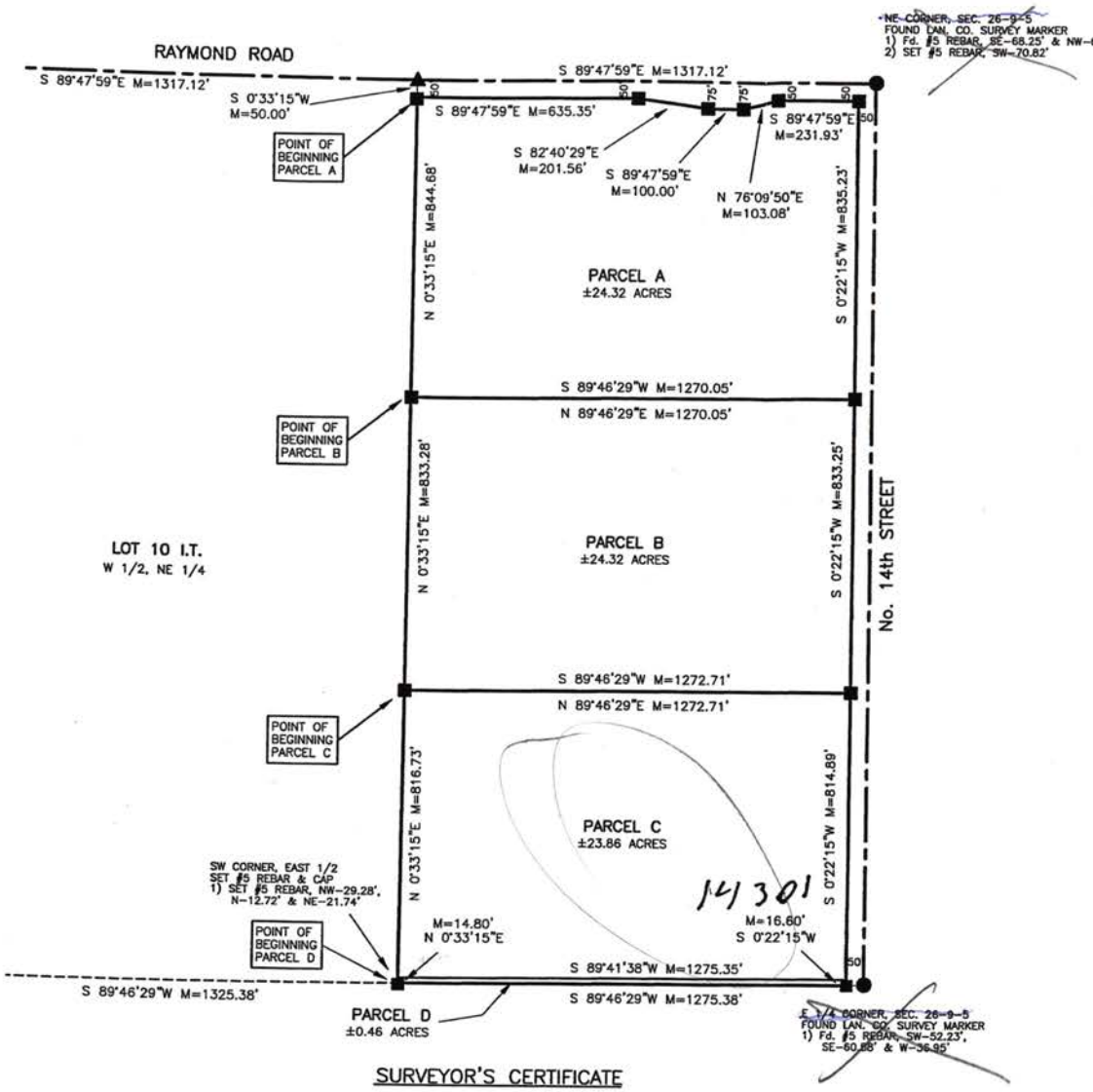
As Built Drawing

14301 N 14th



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 814.89'; THENCE S 89°41'38"W 1275.35', TO A POINT ON THE WEST LINE OF SAID LOT 19; THENCE ON SAID WEST LINE OF LOT 19, AND THE WEST LINE OF THE EAST HALF OF THE NORTHEAST QUARTER, N 0°33'15"E 816.73', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 23.86 ACRES, MORE OR LESS.

PARCEL D
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 SOUTHWEST CORNER OF LOT 19 IRREGULAR TRACT, SAID POINT BEING THE SOUTHWEST 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 N 0°33'15"W A DISTANCE OF 14.80'; THENCE N 89°41'38"E 1275.35', 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 16.60', 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 POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 0.46 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.
REVISED: 12-31-02, PARCEL "C" & ADDED PARCEL "D"

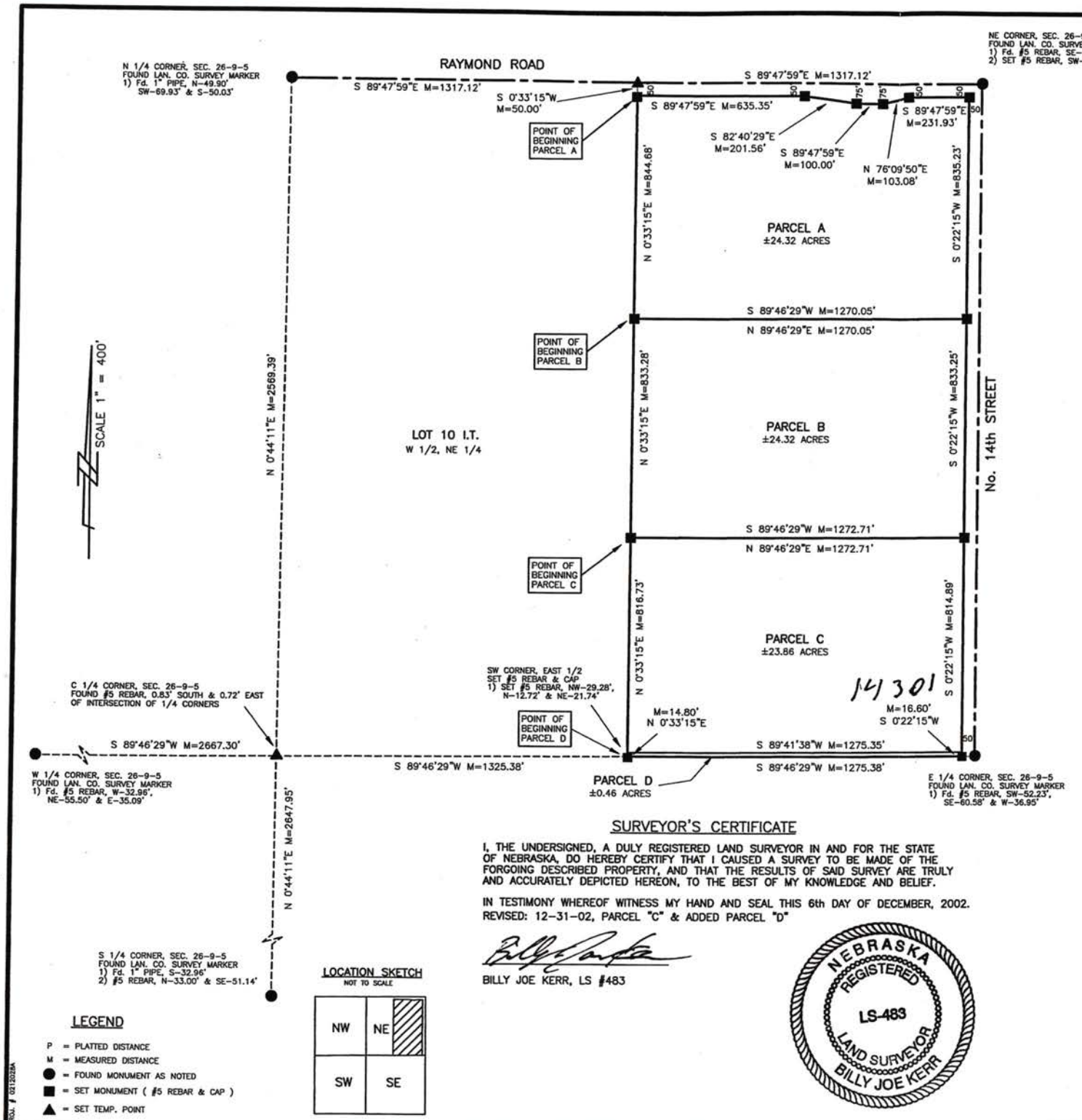
BILLY JOE KERR, LS #483

NEBRASKA REGISTERED LS-483 LAND SURVEYOR BILLY JOE KERR

CATION SKETCH
NOT TO SCALE

NW	NE
SW	SE

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



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.
REVISED: 12-31-02, PARCEL "C" & ADDED PARCEL "D"

BILLY JOE KERR, LS #483

141301

PARCEL A
THAT PART OF LOT 19
TOWNSHIP 11 NORTH, R
PARTICULARLY DESCRIBE

BEGINNING AT THE NOR
SOUTH OF THE NORTHW
SECTION 2; THENCE ON
OF RAYMOND ROAD FOR
S 89°47'59"E A DISTANC
100.00'; THENCE N 76°
CORNER OF SAID LOT 1
NORTHEAST QUARTER; TI
WAY LINE OF NORTH 14
POINT ON THE WEST LI
NORTHEAST QUARTER; TI
BEGINNING, SAID TRACT

PARCEL B
THAT PART OF LOT 19
TOWNSHIP 11 NORTH, R
PARTICULARLY DESCRIBE

COMMENCING AT THE NO
50.00' SOUTH OF THE
SAID SECTION 2; THENC
S 0°33'15"W A DISTANC
1270.05', TO A POINT O
OF THE EAST LINE OF S
AND THE WEST RIGHT O
S 89°46'29"W 1272.71',
OF THE EAST HALF OF
833.28', TO THE POINT
OR LESS.

PARCEL C
THAT PART OF LOT 19
TOWNSHIP 11 NORTH, R
PARTICULARLY DESCRIBE

COMMENCING AT THE NO
50.00' SOUTH OF THE
SAID SECTION 2; THENC
S 0°33'15"W A DISTANCE
1272.71', TO A POINT O
OF THE EAST LINE OF S
AND THE WEST RIGHT O
S 89°41'38"W 1275.35',
WEST LINE OF LOT 19,
N 0°33'15"E 816.73', TO
ACRES, MORE OR LESS.

PARCEL D
THAT PART OF LOT 19
TOWNSHIP 11 NORTH, R
PARTICULARLY DESCRIBE

BEGINNING AT THE SOUT
SOUTHWEST CORNER OF
THENCE ON THE WEST L
DISTANCE OF 14.80'; TH
LOT 19, SAID POINT BE
THENCE ON THE EAST L
STREET, S 0°22'15"W 16
SOUTH LINE OF SAID LO
CONTAINING AN AREA OF