Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit

SEWAGE INSTALLATION
LAGOON

Establishment

RANDALL S ERWAY
T9N R8E SEC 36 QTR SW
S 1/2 OF SW 1/4 LOT 13IT
11330 S 176 ST-BENNET

Permittee

RANDALL S ERWAY
7224 PARKRIDGE CIR
LINCOLN NE 68516

Permit # 02380256501

Issued 11/12/02
Expires 05/12/03
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

003073

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

A

Permit Number: 02380256501

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 ~~11000~~ 11330 S. 176TH (no rural route) City BENNET, NE NE, Zip 68317

Legal Description S 1/2 SW 1/4 36 Section 9N Township 8E Range ____ Subdivision ____ Addition ____ Block ____ Lot ____ I.T.

Geographical Location (if known): Longitude ____ Latitude ____

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

B. Owner

Name RANDALL ERWAY Signature Randall S. Erway

Address 7224 PARKRIDGE CIRCLE City/State/Zip LINCOLN, NE 68516

☐ Check if owner designed system Home Phone 488-5281 Work Phone ____

C. Contractor

Name PREMIER BUILDERS, INC. Company Name PAUL SWINSON

Address 7500 SAN MATEO LANE City/State/Zip LINCOLN, NE 68516

☐ Check if contractor designed system Work Phone 420-9339

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

Designer Name N/A Firm ____ Work Phone ____

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 4 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 11/12/02 Date frwd 11/12/02	ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood	
2. Supt. Bldg. Insp. or Village Clerk	Date rec'd 11/12/02 Date frwd 11/12/02	ACTION ☒ Approved ☐ Disapproved Signature TK	
3. City or County Engineer	Date rec'd 11/12/02 Date frwd 11/12/02	ACTION ☒ Approved ☐ Disapproved Signature Don Pillen	

~~11/12/02 J. C.H 4/13/04 Need warning lights, J.C.H~~

Installation Final Written Approval

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

Date APRIL 16, 2004

Business Office Use Only

Date Rec'd 11/12/02
Amt Paid 200.00
Rec'd By CW Cash/Check No. 8201

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

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

B

Permit Number: 02380256 5

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 11000 S. 176TH (no rural route) City BENNET NE, Zip 68317

Owner RANDALL ERWAY Addresss 7224 PARKRIDGE CIRCLE

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

Date of Tests 9/8/02 to 9/9/02 Weather: Precipitation -0- Temperature _____

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"	8-3	3:00PM	8-4	3:05PM	8-4	3:00PM	18"	8-4	7:05AM	30	0	0
2	36"	8-3	3:05PM	8-4	3:00	8-4	3:00	18"	8-4	7:00	30	.25	120/1"
3	36"	8-3	3:00PM	8-4	3:00	8-4	3:00	18"	8-4	7:00	30	0	0
4	36"	8-3	3:00	8-4	3:00	8-4	3:00	18"	8-4	7:00	30	1	30/1"
5	36"	8-3	3:00	8-4	3:00	8-4	3:00	18"	8-4	7:00	30	.25	120/1"
6	36"	8-3	3:00	8-4	3:00	8-4	3:00	18"	8-4	7:00	30	.25	120/1"

Person Conducting Percolation Tests

Name: Claude Orr E-3939
Phone: 423-0614
Address 5910 So. 52nd St. Ct.
Lincoln Ne. 68516

Sum of Percolation Rates: 4"
Average of Rates: .66
Rate Used for Calculation: —

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

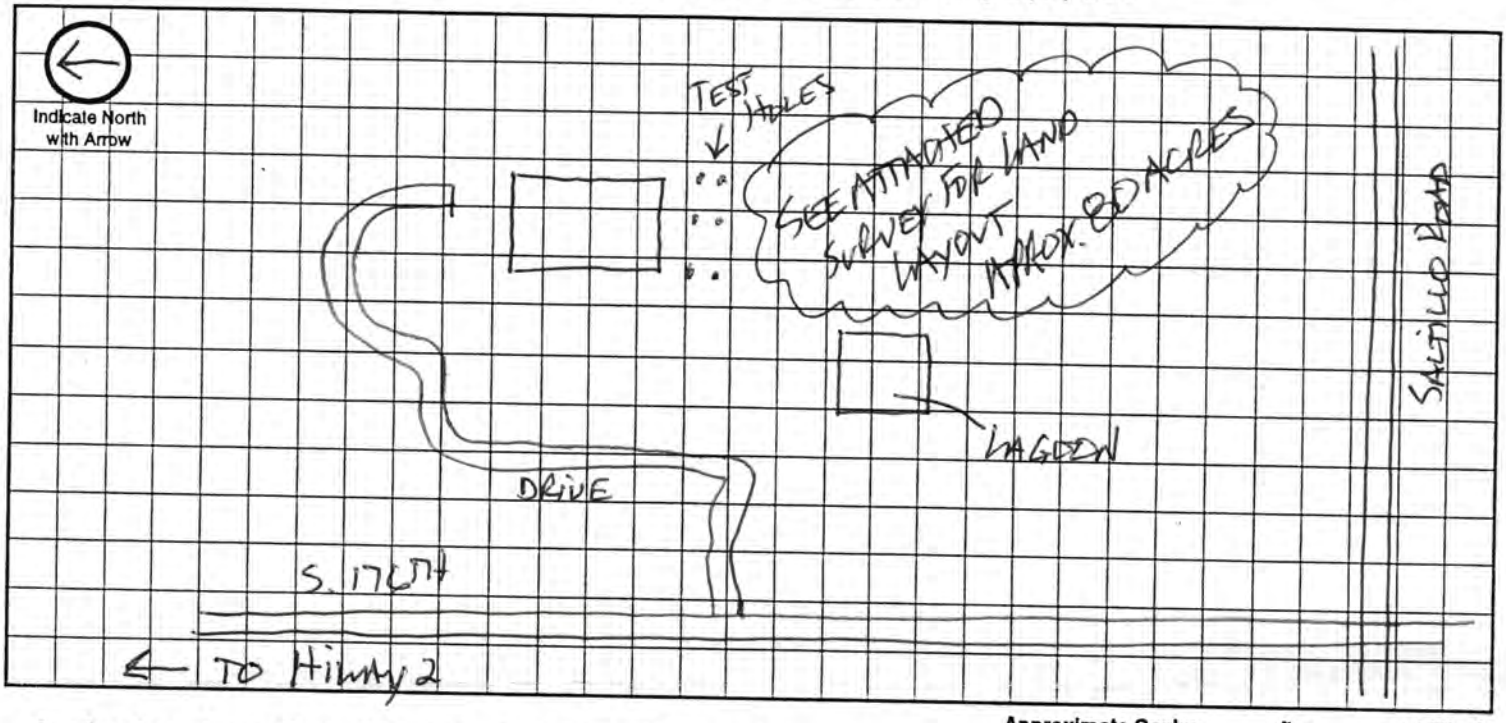
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 023802565

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) 11000 S. 176TH City BENNET NE, Zip 68317

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☒ Other LAGOON

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

Percolation Rate _____ (min. per inch) Soil Type: _____ Land Slope: _____ %

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

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

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

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

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

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 _____ Date 11/8/02

Installer _____ Date 11/14/02

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: 023802565

Sewage Disposal System

As Built Plans & Specifications

Date 11-12-02

System Location (Indicate correct number and street)

Address 11000 So 176 (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: _____ ft.
4. Number of clean-outs: 6
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: _____
   Number of compartments: _____
2. Capacity: _____ gal.
3. Factory built: ☐ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished 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
3. Distance from septic tank: _____ ft.

D. Absorption Field

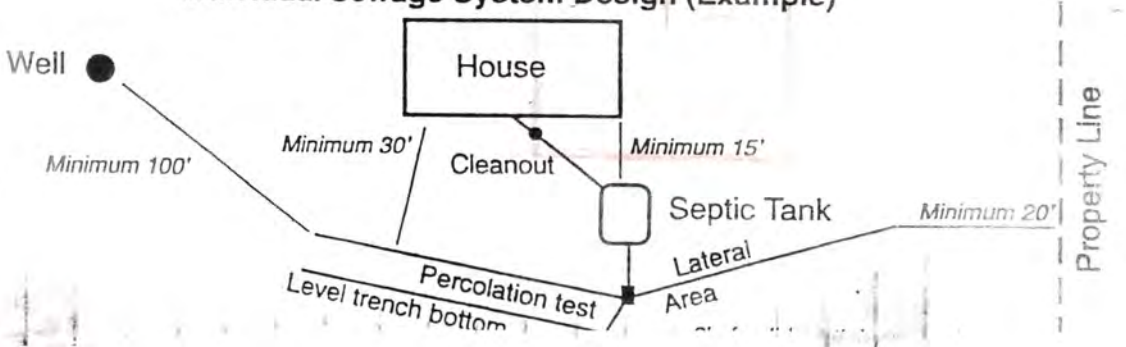
(Provide as-built drawings on back of this form)

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. _____ ft.
   _____ ft. _____ ft., _____ 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.

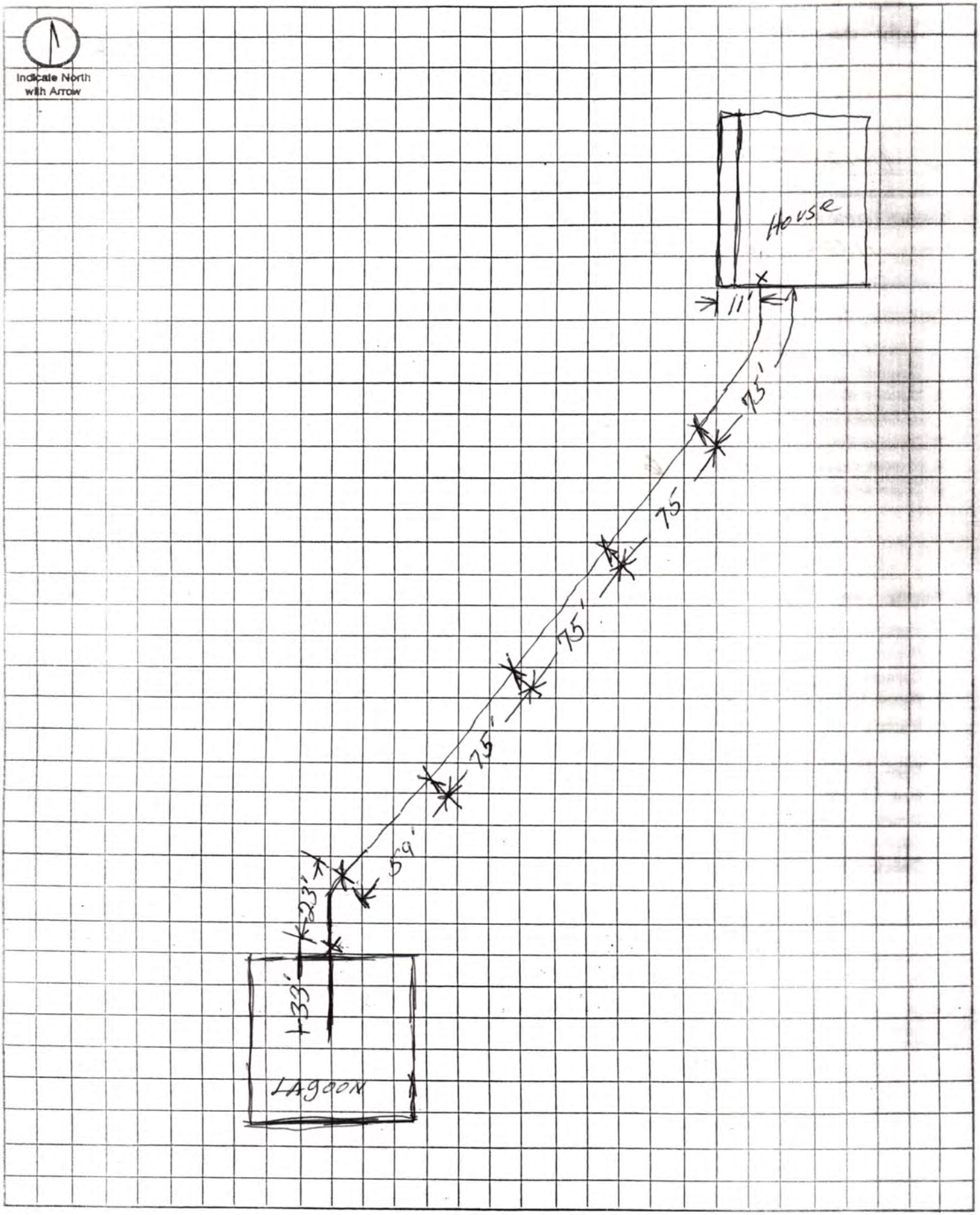
Complete "As Built" drawing on back of this form.

Indicate North with Arrow

Individual Sewage System Design (Example)



As Built Drawing



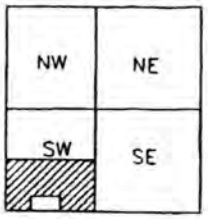
Approximate Scale: _____ ft. = _____ grid line/s

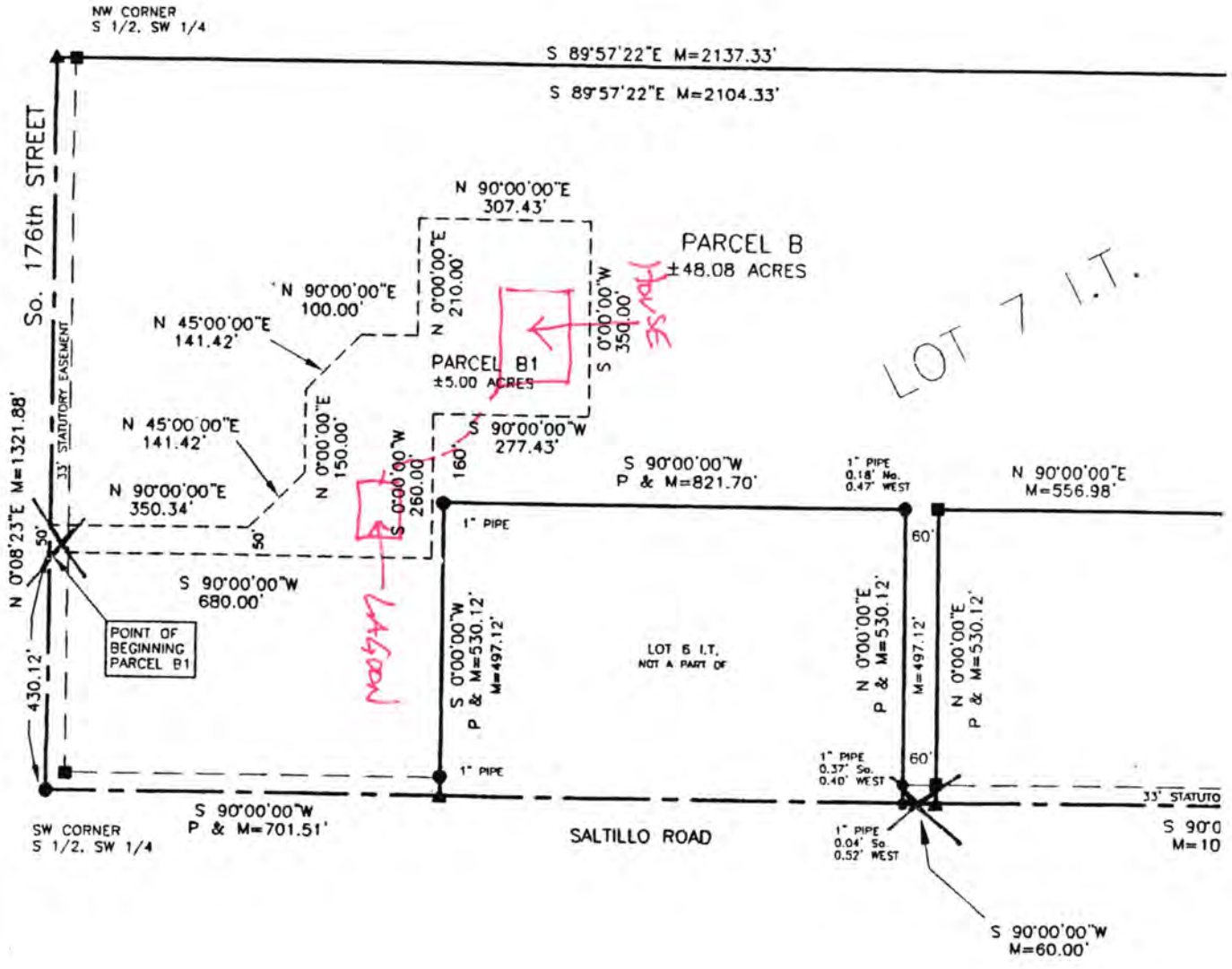
SCALE 1" = 300'

LEGEND

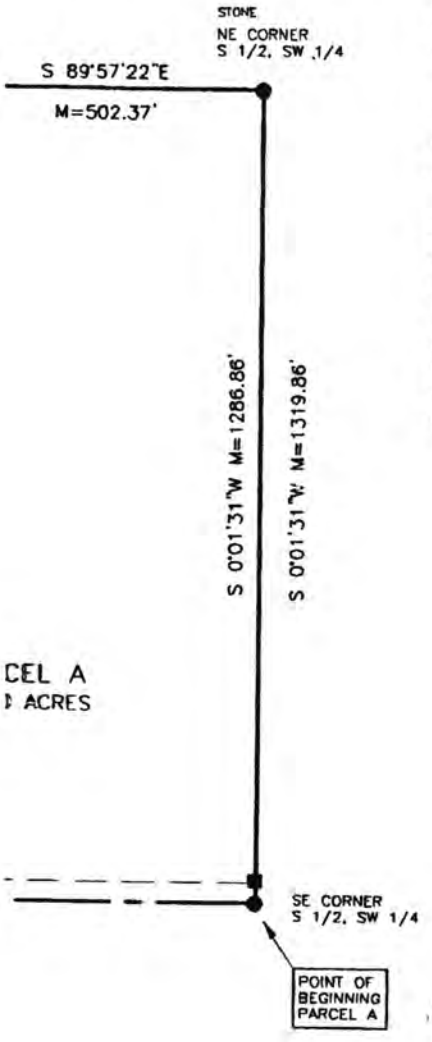
P = PLATTED DISTANCE
M = MEASURED DISTANCE
● = FOUND MONUMENT AS NOTED
■ = SET MONUMENT (#5 REBAR & CAP)
▲ = SET TEMP. POINT

LOCATION SKETCH
NOT TO SCALE





BOUNDARY SURVEY
LOT 7 I.T., IN THE S 1/2, SW 1/4
SEC. 36, T 9 N, R 8 E
LANCASTER COUNTY, NEBRASKA



LEGAL DESCRIPTION

PARCEL A
THAT PART OF LOT 7 IRREGULAR TRACT, LOCATED IN THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 8 EAST OF THE 6th P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS;

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 7, SAID POINT BEING THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER; THENCE ON THE SOUTH LINE OF SAID SOUTHWEST QUARTER, ON AN ASSIGNED BEARING OF S 90°00'00"W A DISTANCE OF 1059.12'; THENCE N 0°00'00"E 530.12'; THENCE N 90°00'00"E 556.98'; THENCE N 0°01'31"E 790.16', TO A POINT ON THE NORTH LINE OF SAID LOT 7; THENCE ON SAID NORTH LINE, S 89°57'22"E 502.37', TO THE NORTHEAST CORNER OF SAID LOT 7; THENCE ON THE EAST LINE OF SAID LOT 7, S 0°01'31"W 1319.86', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 22.00 ACRES, MORE OR LESS.

PARCEL B
ALL OF LOT 7 IRREGULAR TRACT, LOCATED IN THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 8 EAST OF THE 6th P.M., LANCASTER COUNTY, NEBRASKA, EXCEPT THAT PART MORE PARTICULARLY DESCRIBED AS FOLLOWS;

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 7, SAID POINT BEING THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER; THENCE ON THE SOUTH LINE OF SAID SOUTHWEST QUARTER, ON AN ASSIGNED BEARING OF S 90°00'00"W A DISTANCE OF 1059.12'; THENCE N 0°00'00"E 530.12'; THENCE N 90°00'00"E 556.98'; THENCE N 0°01'31"E 790.16', TO A POINT ON THE NORTH LINE OF SAID LOT 7; THENCE ON SAID NORTH LINE, S 89°57'22"E 502.37', TO THE NORTHEAST CORNER OF SAID LOT 7; THENCE ON THE EAST LINE OF SAID LOT 7, S 0°01'31"W 1319.86', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 22.00 ACRES, MORE OR LESS.

PARCEL B1 (FOR MORTGAGE PURPOSES ONLY)
THAT PART OF LOT 7 IRREGULAR TRACT, LOCATED IN THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 8 EAST OF THE 6th P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS;

COMMENCING AT THE SOUTHWEST CORNER OF SAID LOT 7, SAID POINT BEING THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE ON THE WEST LINE OF SAID SOUTHWEST QUARTER, ON AN ASSIGNED BEARING OF N 0°08'23"E A DISTANCE OF 430.12', TO THE POINT OF BEGINNING; THENCE CONTINUING ON SAID WEST LINE, N 0°08'23"E 50.00'; THENCE N 90°00'00"E 350.34'; THENCE N 45°00'00"E 141.42'; THENCE N 0°00'00"E 150.00'; THENCE N 45°00'00"E 141.42'; THENCE N 90°00'00"E 100.00'; THENCE N 0°00'00"E 210.00'; THENCE N 90°00'00"E 307.43'; THENCE S 0°00'00"W 350.00'; THENCE S 90°00'00"W 277.43'; THENCE S 0°00'00"W 260.00'; THENCE S 90°00'00"W 680.00', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 5.00 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 20th DAY OF AUGUST, 2002.

BILLY JOE KERR, LS #483

NEBRASKA REGISTERED LS-483 LAND SURVEYOR BILLY JOE KERR

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