Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

004956

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM OR LAGOON PENDING RESULTS
OF PERCOLATION TEST

Establishment: RONALD & JANE REED
T8N R6E SEC 3 QTR NW
LOT 14IT

Permittee: RONALD & JANE REED
1233 W LAKE ST
LINCOLN NE 68522

Permit # 04380282101

Issued 04/27/04
Expires 10/27/04
Revenue Code 3157

FEES: $200.00

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: 04380282101

Sewage Disposal System

Request for Site Clearance and Permit

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

PENDING PERCOLATION TEST

☒ 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 _____ NE, Zip _____
(no rural route)

Legal Description [illegible] NW 1/4 3 - 8 - 6 (~~Parcel 2~~) LLCN (AS SHOWN IN ATTACHED SURVEY) 1 & 5
1/4 1/4 Section Township Range Subdivision Addition 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 Ronald & Jane Reed Signature _____

Address 1233 W. Lake Street City/State/Zip Lincoln, NE 68522

☐ Check if owner designed system Home Phone (402) 435-6912 Cell ~~Work~~ Phone (402) 770-6540

C. Contractor

Name Stan Kroese Company Name Del Works Plus Inc

Address 7501 "Eight" City/State/Zip Lincoln NE 68507

☑ Check if contractor designed system Work Phone 5601208

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 ~~3~~ 4 Downsized BD number via Stan-Kroese 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 4/27/04 Date frwd 4/27/04	ACTION ☒ Approved ☐ Disapproved Signature Jerold C. Hood	
2. **Supt. Bldg. Insp. or Village Clerk**	Date rec'd 4/28/04 Date frwd _____	ACTION ☑ Approved ☐ Disapproved Signature [illegible]	
3. **City or County Engineer**	Date rec'd 4/27/04 Date frwd 4/27/04	ACTION ☑ Approved ☐ Disapproved Signature Chase Baker	

Installation Final Written Approval

By Doug Moser

Date 10/19/04

Business Office Use Only
Date Rec'd 4-27-04
Amt Paid 200.00
Rec'd By RW Cash/Check No. 6777

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:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE RON REED
SW 14TH & SATILLO

System Location (Indicate correct number and street)

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

Owner RON REED Addresss _____

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: 60 min./inch

Date of Tests 9/3/04 to 9/4/04 Weather: Precipitation D Temperature 90°

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	27	8 AM	9/3	9/4	8AM	9/4	11 30 AM	6	9/4	NOON	30	1	30
2	26	8AM	9/3	9/4	8AM	9/4	11 30AM	6	9/4	NOON	30	1/2	60
3	27	8AM	9/3	9/4	8AM	9/4	11 30AM	6	9/4	NOON	30	1	30
4	28	8AM	9/3	9/4	8AM	9/4	11 30 AM	6	9/4	NOON	30	1	60
5	29	8 AM	9/3	9/4	8AM	9/4	11 30 AM	6	9/4	NOON	30	3/4	40
6	27	8AM	9/3	9/4	8AM	9/4	11 30 AM	6	9/4	NOON	30	1/2	60

Sum of Percolation Rates: 250
Average of Rates: 41.66
Rate Used for Calculation: ~~42~~ 60

Person Conducting Percolation Tests

Name: DAN KROESE
Phone: 560 1708
Address 7801 LEIGHTON
LINCOLN NE 68507

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood Date SEPTEMBER 16, 2004

FORM 23-101 10-96

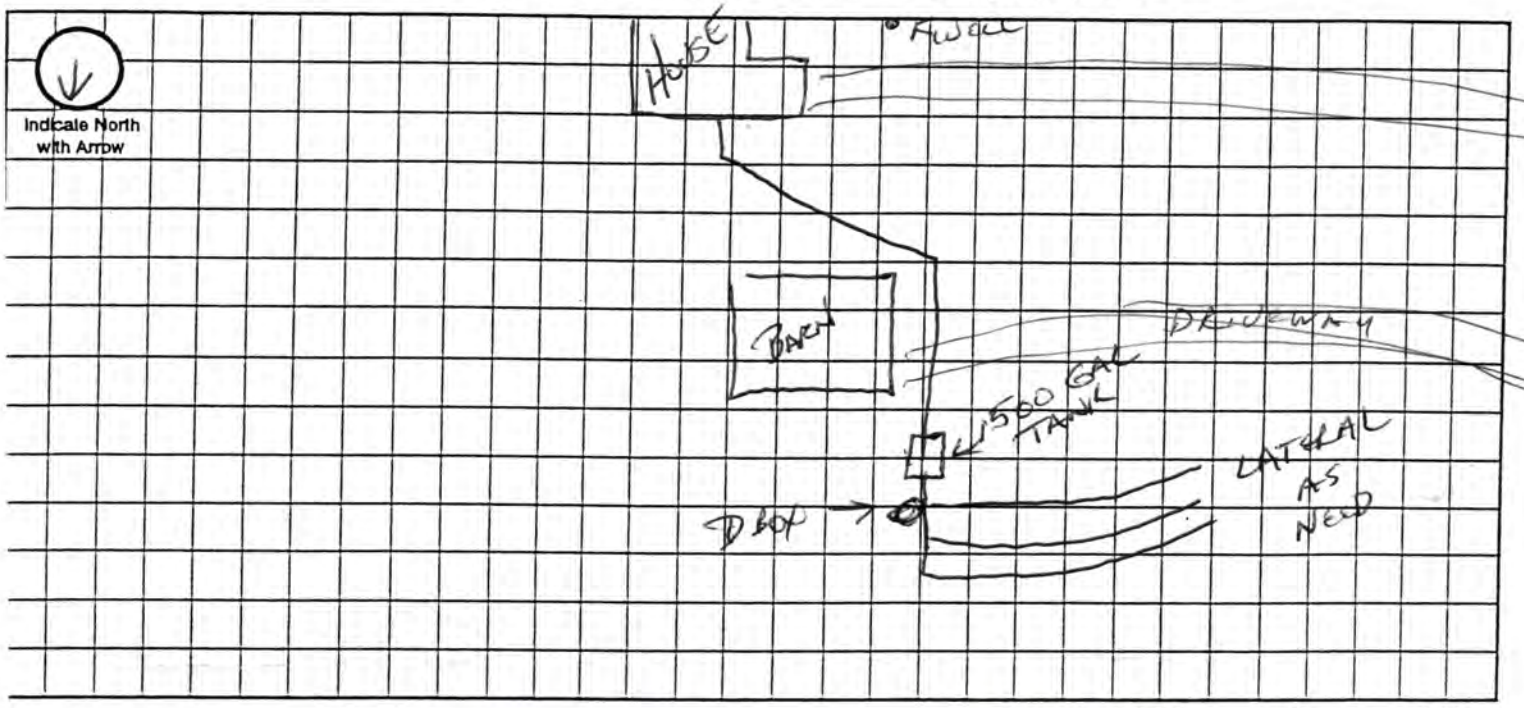
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 043802821

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) NW 1/4 Sec 3 - Town 8 - Range 6 (Parcel 2 of Lots 7 & 8) City LCLN NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 60 (min. per inch) Soil Type: WYMORE SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 1750 sq. ft.

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

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals ~~438~~ 438 ft. Number of Trenches _____ Trench Width 4

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 4/26/04

Installer _____ Date 4/21/04

RM 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 _____ RON REED (SW 14 + SATILLO)

System Location (Indicate correct number and street)

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

A. Building Sewer

1. Material: CLS 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank 298 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100 ft.
   stream 100+ ft.
   pressure line 30 ft.
   property line 100+ ft.

B. Septic Tank

1. Material: CONC
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☑ above ☐ below grade 6 in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 12 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: CONC
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank 12' ft.

D. Absorption Field

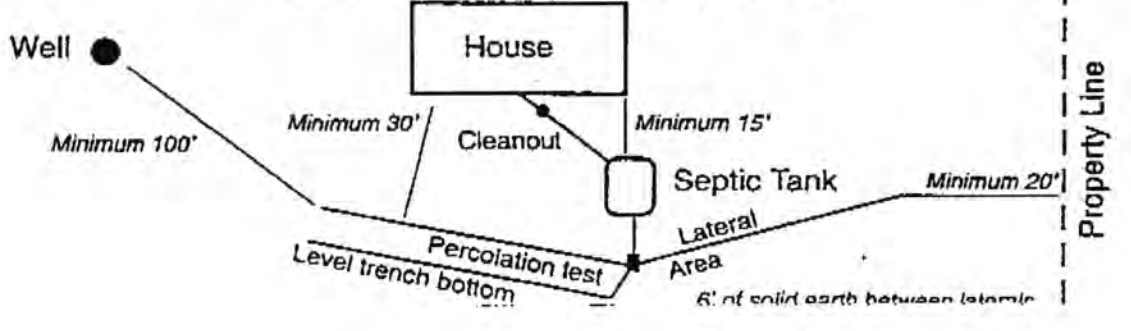
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☑ other INFILTRATOR / HI CAP
2. Lateral lines: Number 3
   Length of each line: 110 ft. 110 ft.
   110 ft. _____ ft. _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: GRAVEL - LESS
   Depth of material N/A in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

Indicate North with Arrow

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

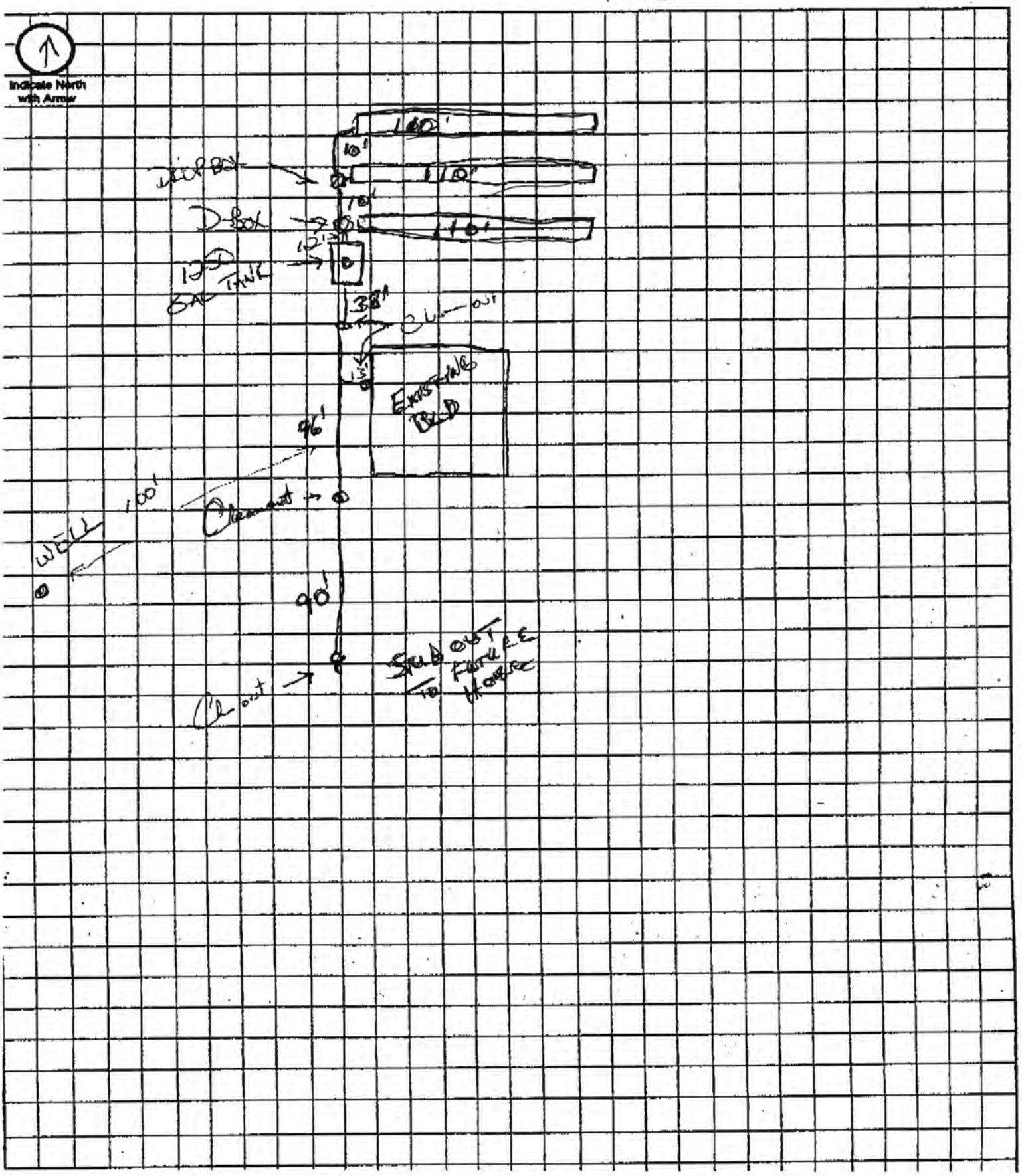
Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing

REED



Official Survey Record

LANCASTER County, Nebraska

Phone (402) 434-2686
Fax (402) 434-2687

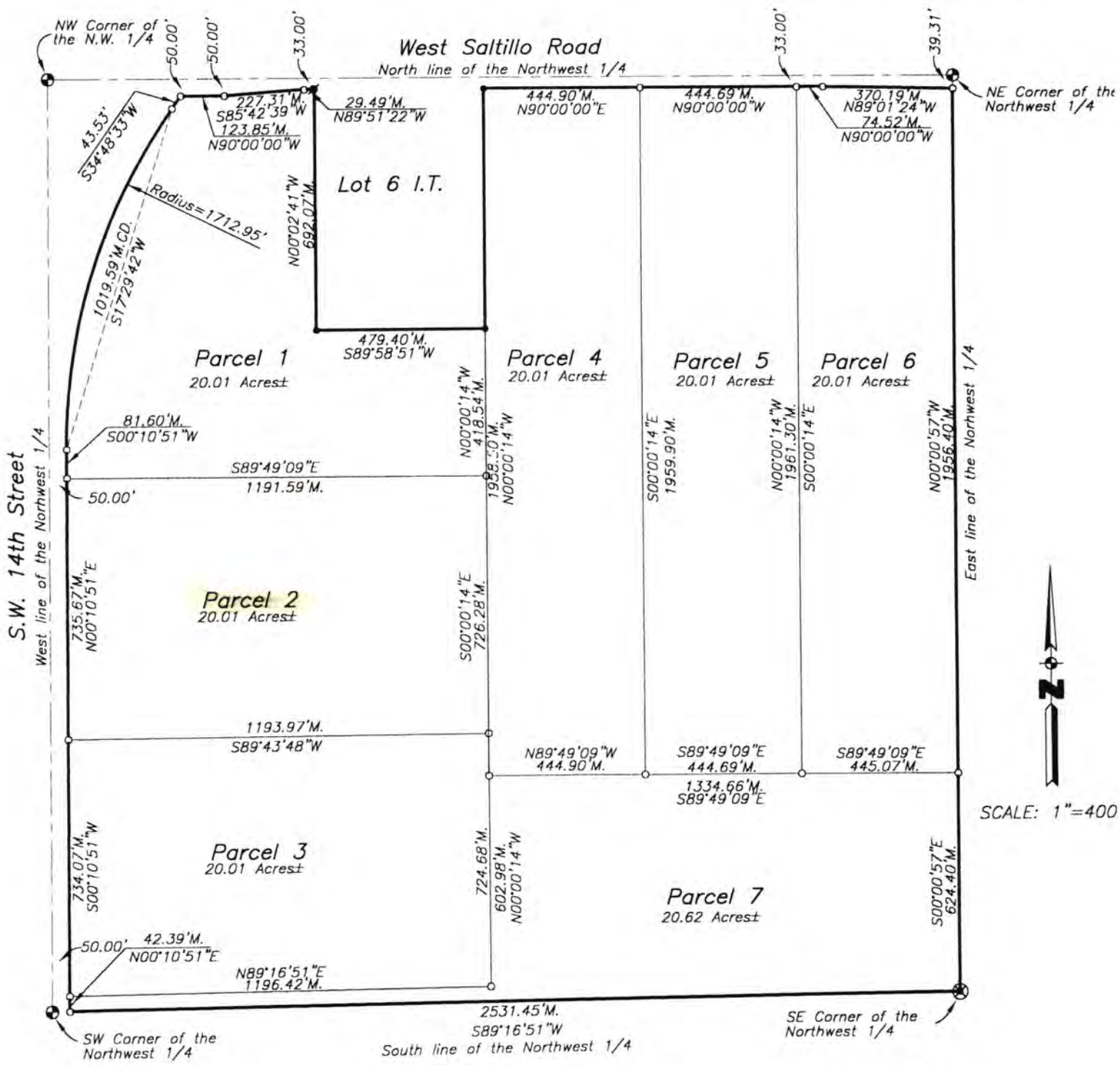
ALLIED SURVEYING AND MAPPING, INC.
6120 South 58th Street - Suite "A" - Lincoln, Nebraska 68516

Survey of Lots 7 and 8 of Irregular Tracts located in the Northwest 1/4 of Section 3 T. 8 N., R. 6 East of the 6th P.M.

Job No. 32686

Sheet 1 of 8

November, 2003



o =Set 1"x24" Iron Pipe
⦻ =Found 3/4" Rebar
• =Found 1"Iron Pipe
⊗ =Found Limestone
⊕ =Found 2" Aluminum Cap
M.=Measured Distance
P.=Platted Distance

o = Set as shown

● = Monuments Found as shown

SURVEYORS CERTIFICATE

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

Signed this 16th day of December, 2003

NAME Dennis D. Simonds
DENNIS D. SIMONDS

Surveyor's License # 343
Nebraska L.S. (SEAL)

REGISTERED PROFESSIONAL LAND SURVEYOR
DENNIS D. SIMONDS
LS-343
STATE OF NEBRASKA

LEGAL DESCRIPTION: Parcel 2

A part of Lot 8 of Irregular Tracts located in the Northwest Quarter of Section 3 Township 8 North Range 6 East of the 6th P.M., Lancaster County, Nebraska and more particularly described as follows:

Referring to the Southwest Corner of the Northwest Quarter of said Section 3; thence in an Easterly direction on the South line of the Northwest Quarter of said Section 3 and on an assumed bearing of North 89 degrees 16 minutes 51 seconds East for a distance of 50.00 feet.

THENCE North 00 degrees 10 minutes 51 seconds East on a line 50.00 Feet East of and parallel to the West line of the Northwest Quarter of said Section 3 for a distance of 776.46 feet to the **POINT OF BEGINNING**.

THENCE continuing in a Northerly direction on the last described course for a distance of 735.67 feet.

THENCE South 89 degrees 49 minutes 09 seconds East for a distance of 1191.59 feet.

THENCE South 00 degrees 00 minutes 14 seconds East for a distance of 726.28 feet.

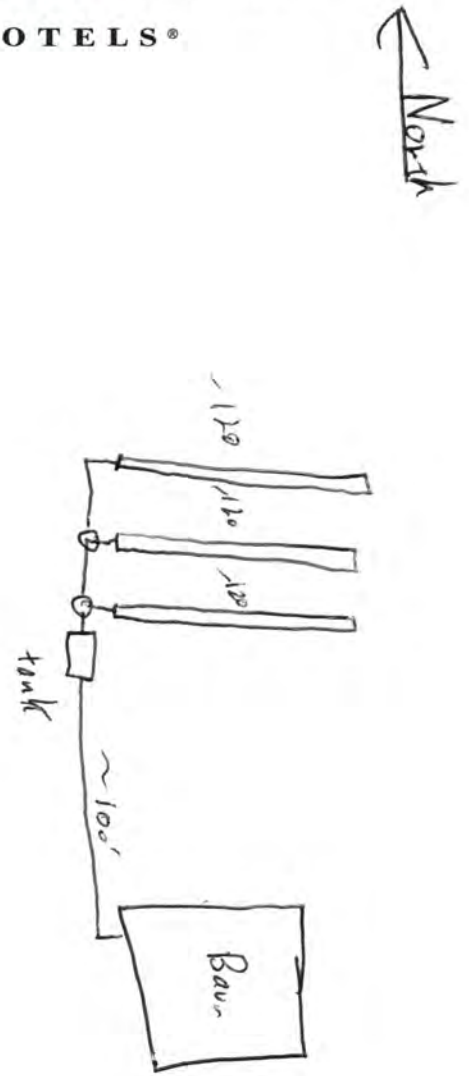
THENCE South 89 degrees 43 minutes 48 seconds West for a distance of 1193.97 feet to the **POINT OF BEGINNING**.

Together with and subject to covenants, easements, and restrictions of record.

Said property contains 20.01 acres more or less.

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