# Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

002115

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380262001

Issued 04/17/03
Expires 10/17/03
Revenue Code 3157

Establishment: LEE ANDERSON
T12N R6E SEC 14 QTR NW
LOT 13IT
20900 N 1 ST-RAYMOND

FEES: $200.00

Permittee: LEE ANDERSON
20900 N 1 ST
RAYMOND NE 68428

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: 033802620 01

# 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 20900 N 1ST ST (no rural route) City RAYMOND NE, Zip 68428

Legal Description ~~NW~~ 1/4 1/4 14 Section 12N Township 6E Range _____ Subdivision _____ Addition _____ Block 13 Lot E.T.

Geographical Location (if known): Longitude _____ Latitude _____

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

### B. Owner

Name LEE ANDERSON Signature Lee Anderson

Address 20900 N 1st St City/State/Zip RAYMOND NE 68428

☐ Check if owner designed system Home Phone 785-1011 Work Phone _____

### C. Contractor

Name SAME AS ABOVE Company Name _____

Address _____ City/State/Zip _____

☐ Check if contractor designed system Work Phone _____

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

Designer Name STEVE SASS Firm _____ Work Phone 432-3057 781-9358

### 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 4/17/03 Date frwd 4/17/03 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
   4-19-03 sm
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 4/18/03 Date frwd 4/18/03 **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 4/18/03 Date frwd 4/18/03 **ACTION** ☒ Approved ☐ Disapproved Signature _____

## Installation Final Written Approval

By Ron Mayhew

Date 12-2-03

***Business Office Use Only***

Date Rec'd 04/17/03

Amt Paid 200.00

Rec'd By _____ ~~Cash~~/Check No. 1461

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: 033802620

# Sewage Disposal System

## Soil Absorption Test Data Report

## Annex to Application

PLEASE PRINT OR TYPE

### System Location (Indicate correct number and street)

Address 20900 N 1ST ST (no rural route) City RAYMOND NE, Zip 68428

Owner LEE ANDERSON Addresss SAME AS ABOVE

Soil Type (SCS): SHARPSBURG SILTY CLAY LOAM Percolation Rate: 45 min./inch

Date of Tests 4/14/2003 to 4/15/2003 Weather: Precipitation PT CLDY Temperature 85°/65°

### 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 | 4/14 | 1630 | 4/14 | 2100 | 4/15 | 1700 | 12 | 2100 ← | 4/15 | 30 | 3/4 | 40 |
| 2 | 36 | 4/14 | 1630 | 4/14 | 2100 | 4/15 | 1700 | 12 | 2100 ← | 4/15 | 30 | 1/2 | 60 |
| 3 | 36 | 4/14 | 1630 | 4/14 | 2100 | 4/15 | 1700 | 12 | 2100 ← | 4/15 | 30 | 1/2 | 60 |
| 4 | 36 | 4/14 | 1630 | 4/14 | 2100 | 4/15 | 1700 | 12 | 2100 ← | 4/15 | 30 | 7/8 | 35 |
| 5 | 36 | 4/14 | 1630 | 4/14 | 2100 | 4/15 | 1700 | 12 | 2100 ← | 4/15 | 30 | 3/4 | 40 |
| 6 | 36 | 4/14 | 1630 | 4/14 | 2100 | 4/15 | 1700 | 12 | 2100 ← | 4/15 | 30 | 3/4 | 40 |
| | | | LAST TIME WATER WAS ADDED | | ↑ | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Sum of Percolation Rates: 4 1/8 275

Average of Rates: 45 MIN/INCH

Rate Used for Calculation: 60 MIN/IN

### Person Conducting Percolation Tests

Name: LEE ANDERSON

Phone: 20900 N 1ST ST

Address RAYMOND, NE 68428

785-1011

DO NOT WRITE BELOW THIS LINE

### Reviewing Action

Remarks

Signature of Reviewing Official Gerald C. Hood R.E.H.S. Date APRIL 17, 2003

FORM 23-101 10-96

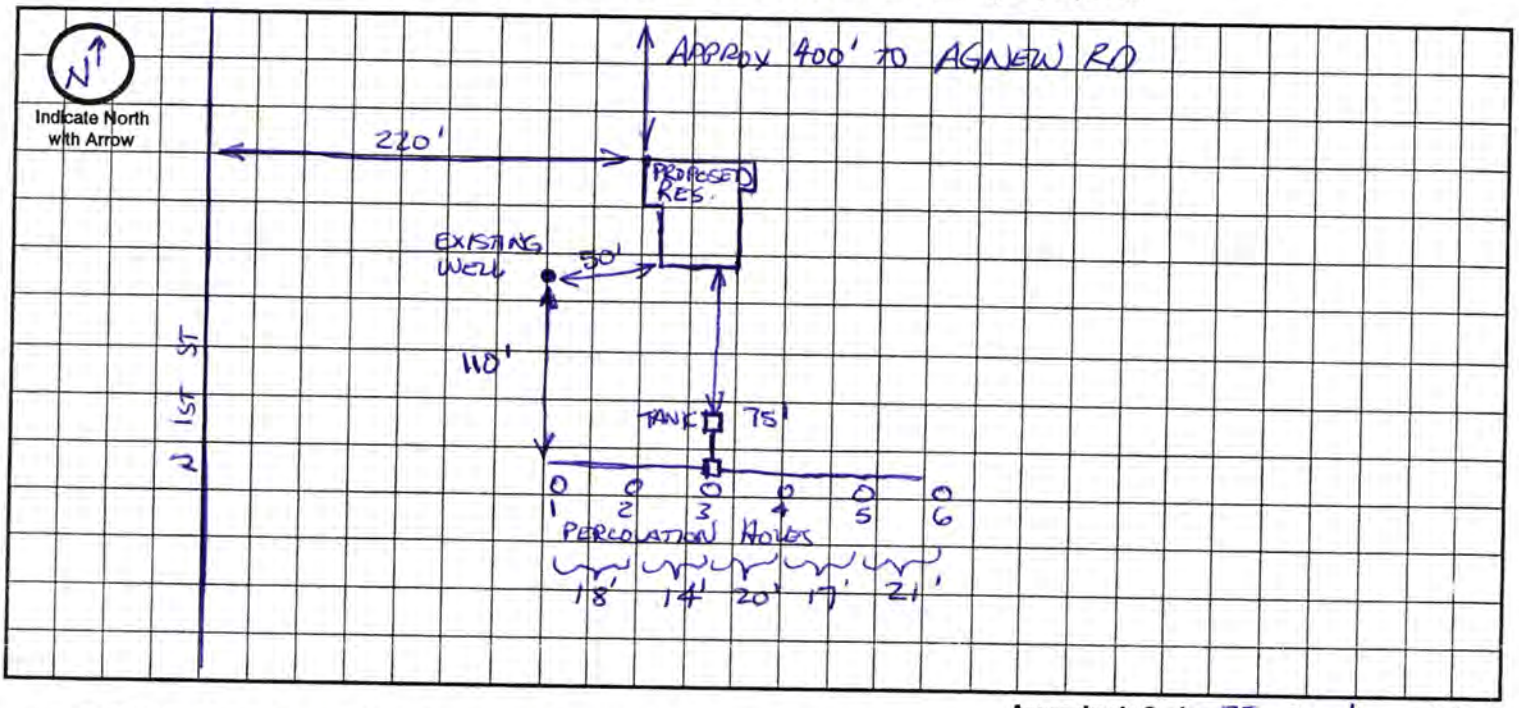
**Lincoln-Lancaster County Health Department**
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

**C**

Permit Number: 03380262O

# 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: 25 ft. = 1 grid line/s

## A. System Location (Indicate correct number and street)

Address (no rural route) 20900 N 1ST 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 60 (min. per inch) Soil Type: _____ Land Slope: _____ %

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

Total Square Feet of Field Required: 1400 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 350 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 4/14/2003

Installer _____ STEVE SASS 432-3051 Date 4/14/03

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 11/21/03

**System Location (Indicate correct number and street)**

Address 20900 North 1st Street (no rural route) City Raymond NE, Zip

### A. Building Sewer

1. Material: PVC (2241)
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 8 in.
3. Distance between dwelling and septic tank: 22 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

### B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade At Grade in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 28 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

### C. ~~Distribution~~ Drop Box

1. Material: Plastic
   Number available outlets: 2
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 13 ft.

### D. Absorption Field

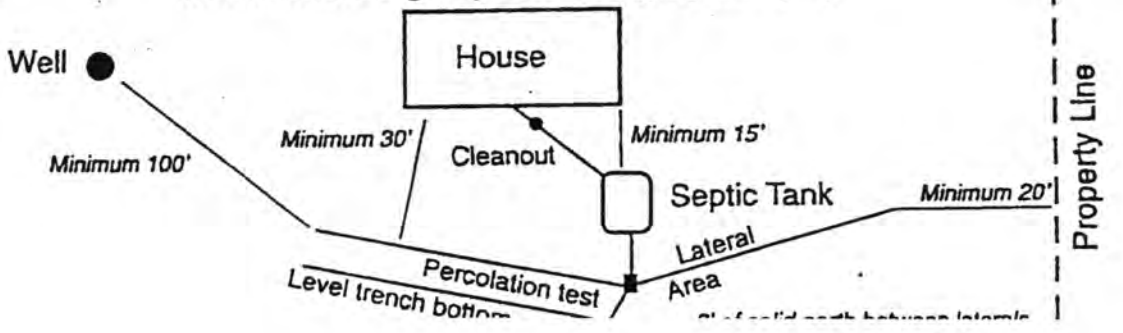
*(Provide as-built drawings on back of this form)*

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other Infiltrator H10
2. Lateral lines: Number 3
   Length of each line: 118.75 ft. 118.75 ft.
   112.5 ft. _____ ft., _____ ft.
3. Trench dimensions: Width _____ ft.
   Slope 0 in/100 ft.
   Average depth 28 in
4. Filter material: _____
   Depth of material _____ in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

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

**Individual Sewage System Design (Example)**



# G & A

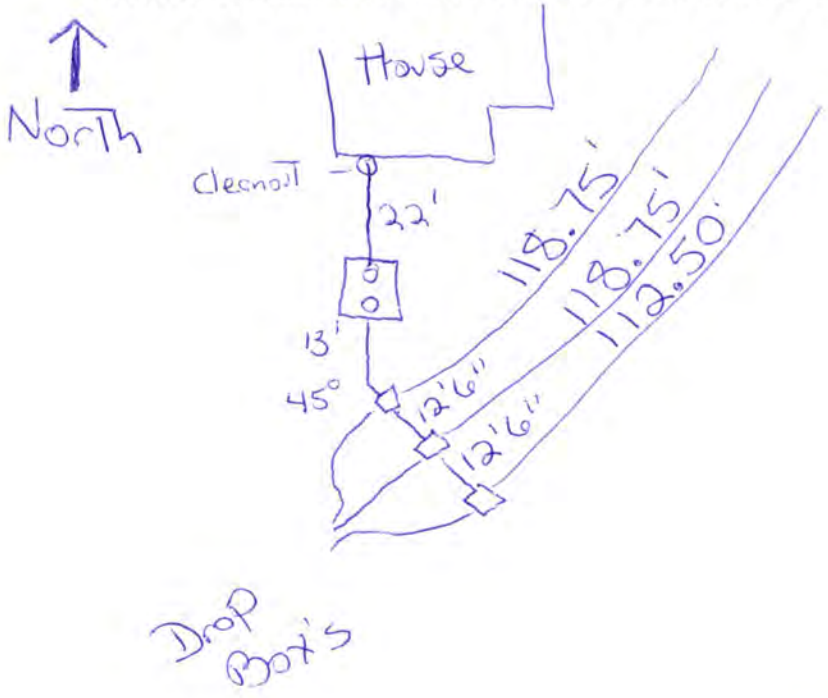
## BACKHOE SERVICE

Gordon Lukes - Owner/Operator
2319 South 214th Street
Eagle, NE 68347-1995
Bus. (402) 781-2400
Cell. (402) 450-2409
Fax. (402) 781-2411

DEC 2 2003

11/21/03

To Ron Marquart,
This is the as built drawing for a Septic System @ 20900 North 1st Street for Lee Anderson. 1400 Square ft of Infiltrator standard H10 lateral & 3 drop boxes.




1500gallon Concrete Tank with Risers to grade

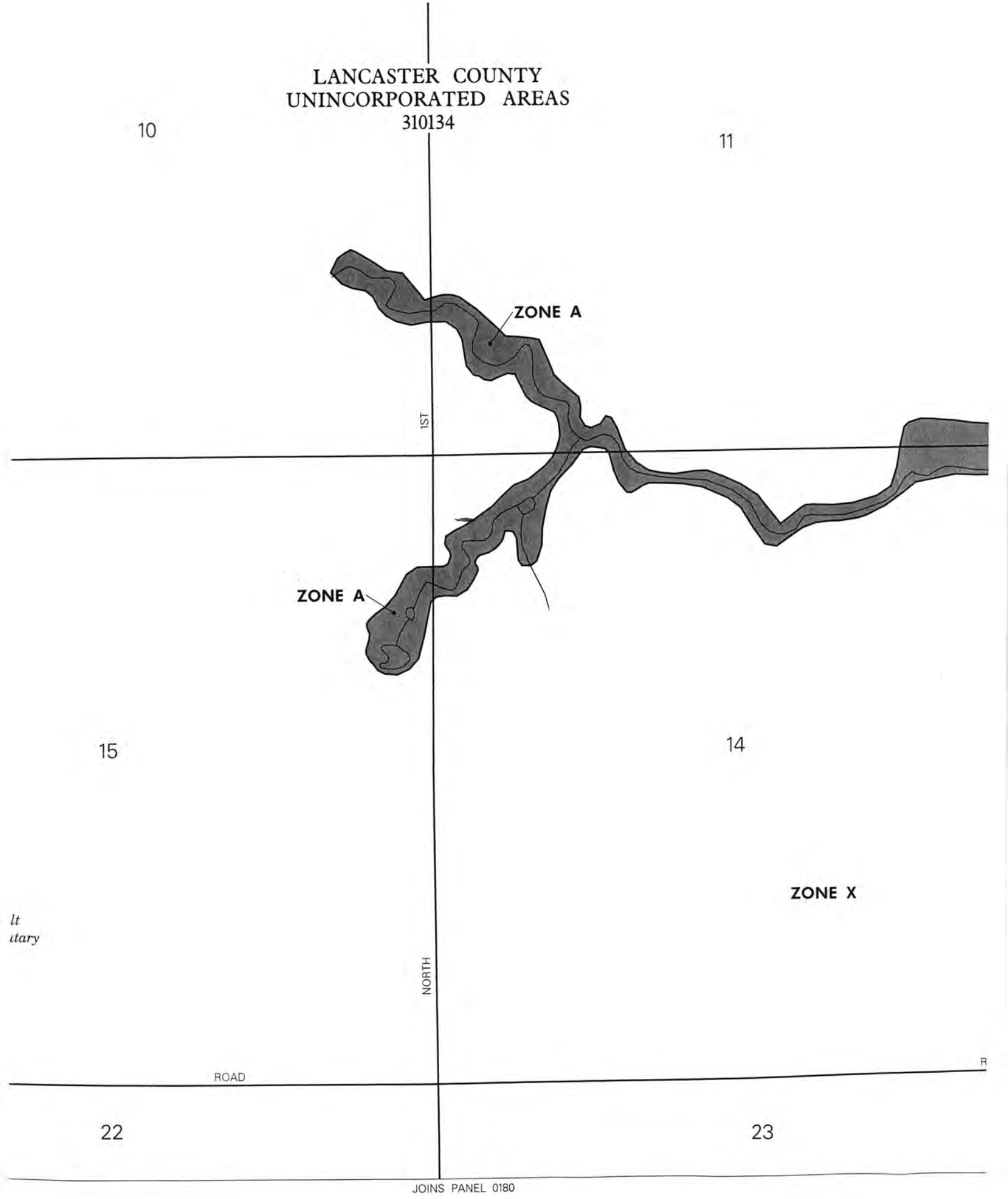
ESRI ArcExplorer 2.0

## 20900 North 1st Street

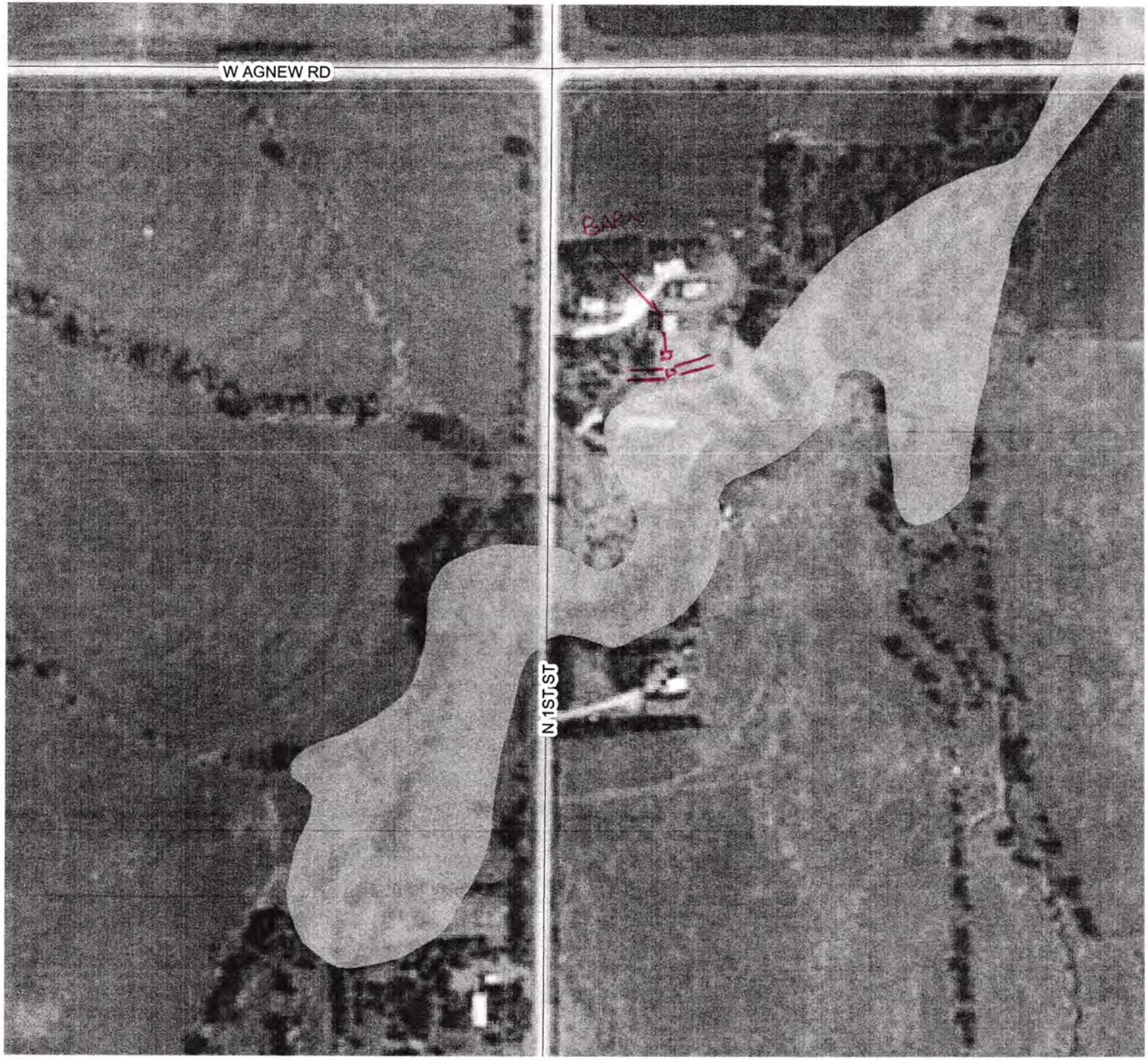



Thursday, Apr 17 2003

LANCASTER COUNTY
UNINCORPORATED AREAS
310134

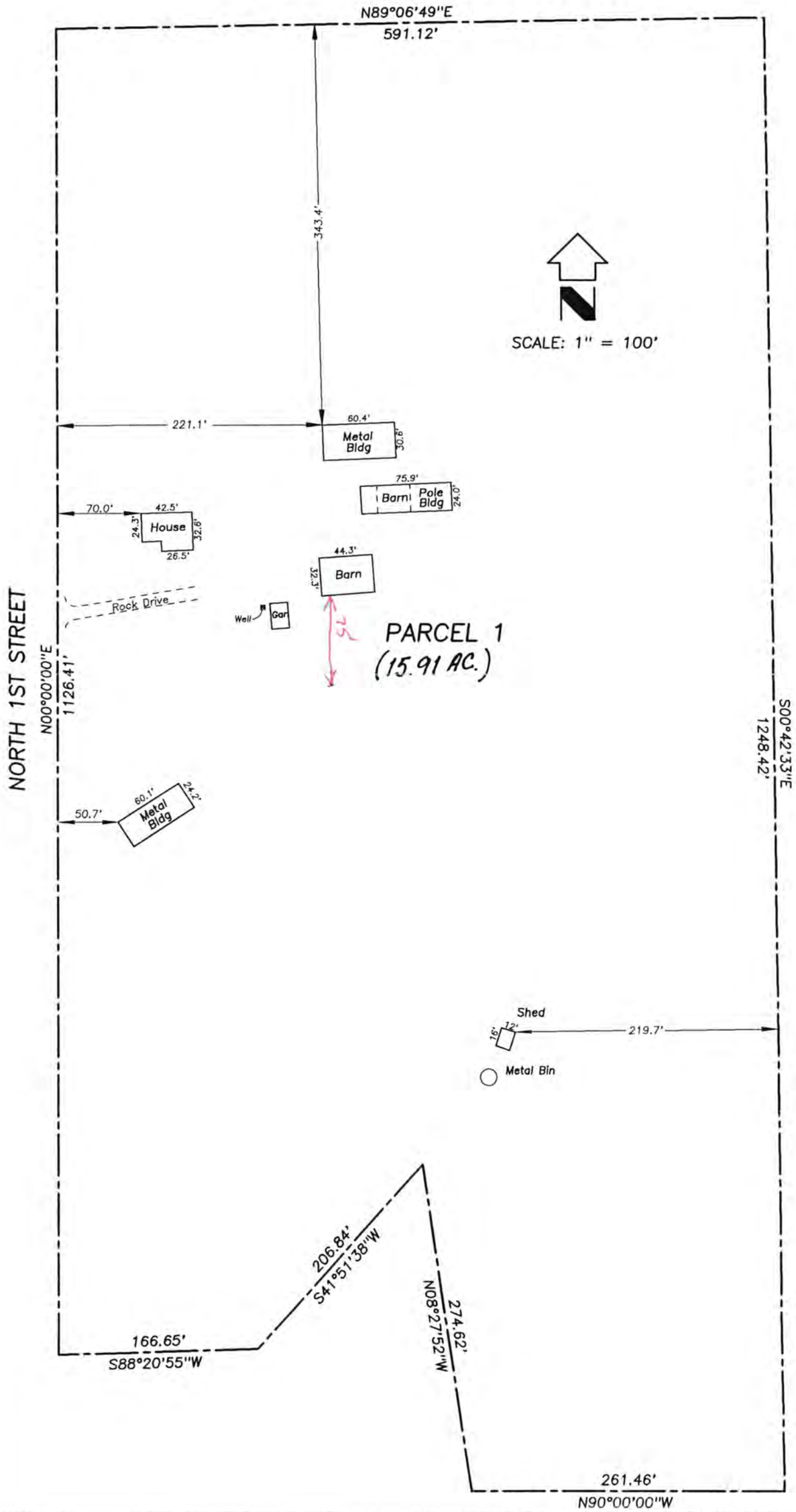


# LEE's




W Agnew Rd
Agnew Rd
N 1st St
Map Created by Mele D. Koneya
0
0.111mi

# STRUCTURE LOCATION:



# Official Survey Record

LANCASTER County, Nebraska

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

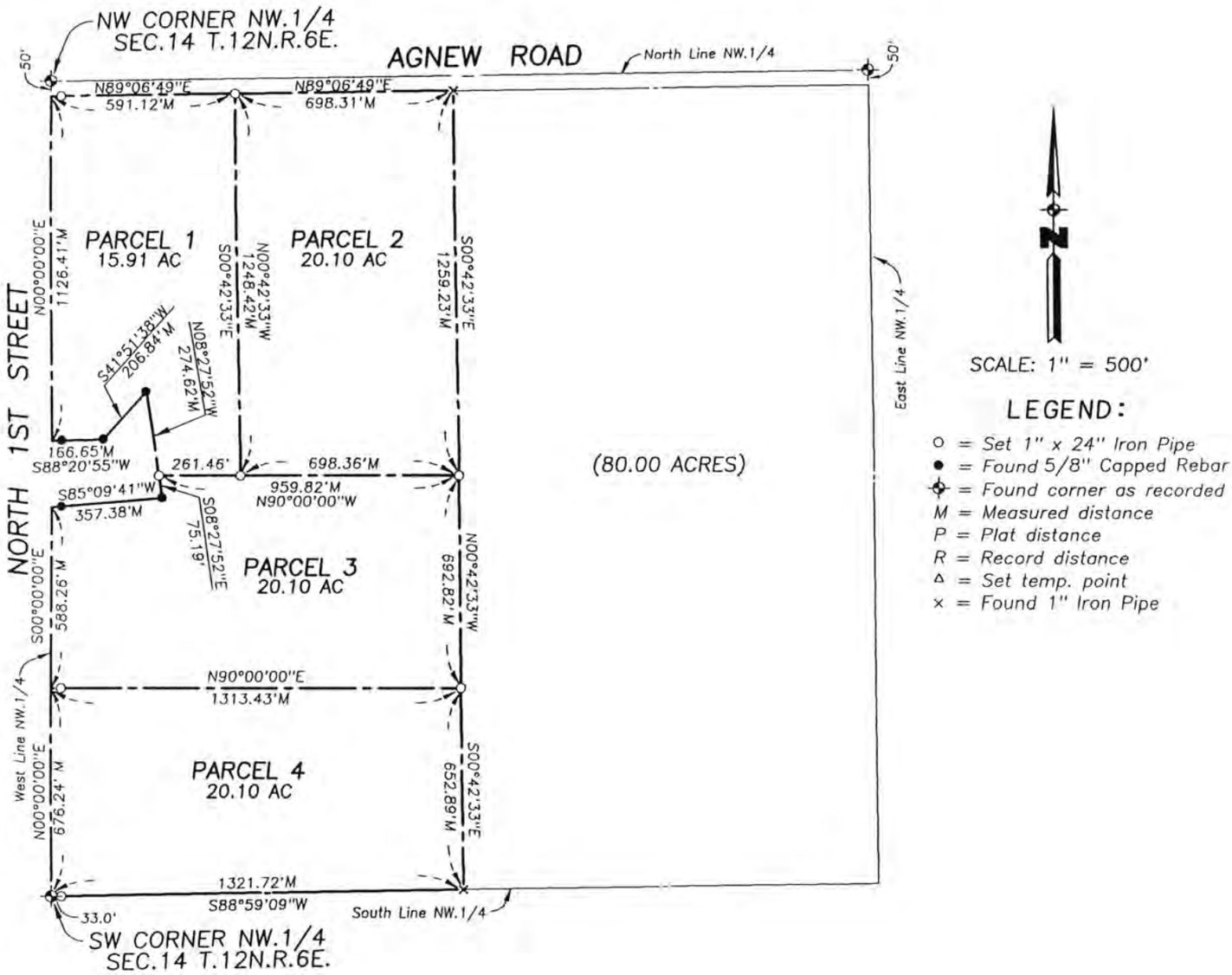
*ALLIED SURVEYING AND MAPPING, INC.*
*6120 South 58th Street - Suite "A" - Lincoln, Nebraska 68516*

Survey of a part of the Northwest Quarter

of Section 14 T. 12 N., R. 6E of the 6th P.M.

Job No. 31755

February 2003




SCALE: 1" = 500'

LEGEND:

- o = Set 1" x 24" Iron Pipe
- ● = Found 5/8" Capped Rebar
- ⊕ = Found corner as recorded
- M = Measured distance
- P = Plat distance
- R = Record distance
- △ = Set temp. point
- × = Found 1" Iron Pipe

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 24th day of February 2003

NAME Kerry W. Simonds
KERRY W. SIMONDS

Surveyor's License # 333
Nebraska L.S. (SEAL)

NEBRASKA REGISTERED LS-333 LAND SURVEYOR KERRY W. SIMONDS

# LEGAL DESCRIPTION

**PARCEL #1**

Description of a 15.91 acre tract of land located in the Northwest Quarter of Section 14, Township 12 North, Range 6 East of the 6th P.M., Lancaster County, Nebraska and more particularly described as follows:

Referring to the Northwest corner of the Northwest Quarter of said Section 14; THENCE in a Southerly direction, along the West line of the Northwest Quarter of said Section 14, for a distance of 50.0 feet to a point on the Southerly 50' Right of Way line of Agnew Road and **Point of Beginning**

THENCE North 89 degrees 06 minutes 49 seconds East, along the Southerly 50' Right of Way line of Agnew Road, for a distance of 591.12 feet

THENCE South 00 degrees 42 minutes 33 seconds East for a distance of 1248.42 feet

THENCE North 90 degrees 00 minutes 00 seconds West for a distance of 261.46 feet to a point on the Easterly line of Lot 8 of Irregular Tracts

THENCE North 08 degrees 27 minutes 52 seconds West, along the Easterly line of said Lot 8 of Irregular Tracts, for a distance of 274.62 feet to a corner of said Lot 8

THENCE South 41 degrees 51 minutes 38 seconds West, along the Northwesterly line of said Lot 8 of Irregular Tracts, for a distance of 206.84 feet to a corner of said Lot 8

THENCE South 88 degrees 20 minutes 55 seconds West, along the Northerly line of said Lot 8 of Irregular Tracts, for a distance of 166.65 feet to a point on the West line of the Northwest Quarter of said Section 14

THENCE North 00 degrees 00 minutes 00 seconds East, along the West line of the Northwest Quarter of said Section 14, for a distance of 1126.41 feet to **Point of Beginning**

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

Said property contains 15.91 acres more or less.

# LEGAL DESCRIPTION

**PARCEL #2**

Description of a 20.10 acre tract of land located in the Northwest Quarter of Section 14, Township 12 North, Range 6 East of the 6th P.M., Lancaster County, Nebraska and more particularly described as follows:

Referring to the Northwest corner of the Northwest Quarter of said Section 14; THENCE in a Southerly direction, along the West line of the Northwest Quarter of said Section 14, for a distance of 50.0 feet to a point on the Southerly 50' Right of Way line of Agnew Road

THENCE North 89 degrees 06 minutes 49 seconds East, along the Southerly 50' Right of Way line of Agnew Road, for a distance of 591.12 feet to the **Point of Beginning**

THENCE continuing along the last described course, on said bearing of North 89 degrees 06 minutes 49 seconds East, for a distance of 698.31 feet

THENCE South 00 degrees 42 minutes 33 seconds East for a distance of 1259.23 feet

THENCE North 90 degrees 00 minutes 00 seconds West for a distance of 698.36 feet

THENCE North 00 degrees 42 minutes 33 seconds West for a distance of 1248.42 feet to the **Point of Beginning**

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

Said property contains 20.10 acres more or less.

# LEGAL DESCRIPTION

**PARCEL #3**

Description of a 20.10 acre tract of land located in the Northwest Quarter of Section 14, Township 12 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 14; THENCE in a Northerly direction, along the West line of the Northwest Quarter of said Section 14, for a distance of 676.24 feet to the **Point of Beginning**

THENCE North 90 degrees 00 minutes 00 seconds East for a distance of 1313.43 feet

THENCE North 00 degrees 42 minutes 33 seconds West for a distance of 692.82 feet

THENCE North 90 degrees 00 minutes 00 seconds W for a distance of 959.82 feet to a point on the Easterly line of Lot 8 of Irregular Tracts

THENCE South 08 degrees 27 minutes 52 seconds East, along the Easterly line of said Lot 8 of Irregular Tracts, for a distance of 75.19 feet to the Southeast corner of said Lot 8

THENCE South 85 degrees 09 minutes 41 seconds West, along the Southerly line of said Lot 8 of Irregular Tracts, for a distance of 357.38 feet to the Southwest corner of said Lot 8

THENCE South 00 degrees 00 minutes 00 seconds East, along the West line of the Northwest Quarter of said Section 14, for a distance of 588.26 feet to the **Point of Beginning**

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

Said property contains 20.10 acres more or less.

# LEGAL DESCRIPTION

**PARCEL #4**

Description of a 20.10 acre tract of land located in the Northwest Quarter of Section 14, Township 12 North, Range 6 East of the 6th P.M., Lancaster County, Nebraska and more particularly described as follows:

Beginning at the Southwest corner of the Northwest Quarter of said Section 14; THENCE in a Northerly direction, along the West line of the Northwest Quarter of said Section 14, for a distance of 676.24 feet

THENCE North 90 degrees 00 minutes 00 seconds East for a distance of 1313.43 feet

THENCE South 00 degrees 42 minutes 33 seconds East for a distance of 652.89 feet to a point on the South line of the Northwest Quarter of said Section 14

THENCE South 88 degrees 59 minutes 09 seconds West, along the South line of the Northwest Quarter of said Section 14, for a distance of 1321.72 feet to the **Point of Beginning**

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

Said property contains 20.10 acres more or less.