Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
HS000969

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C.
Submit correct fee
with this Application

3 acres or more required for: ☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 11701 S. 2nd St (no rural route) City Roca, NE Zip 68430

Legal Description NW 2 8N 6E Wilderness Park Estates 3 4
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 08-02-100-016-000

B. Owner

Name Paul Twain Signature

Address 11701 S. 2nd St City/State/Zip Lincoln, NE 68430

Home Phone 402-416-9329 Work Phone

C. Certified Installer

Name: Lloyd Jahnbek, Raymond Contracting Inc Signature

Address 13900 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-783-2443 or 402-890-6009

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 2 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 5.12
Garbage Grinder? ☒ 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. 02-30

1. Health Department
Site visits
Comments
Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 9-8-14 Amount Paid 345.00
Received By SB Cash/Check No. 8469

White - Health Department Yellow - Engineer Pink - Building & Safety

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

B

Permit Number: HS000969

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 11701 S 2nd St (no rural route) City Roca NE, Zip 68430

Owner Paul Ivan Address Same

Date of Tests 8/19/14 to 8/20/14 Weather: Precipitation 0 Temperature 78°

Percolation Test Data Table

A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.
		Saturation/Swelling Time				Water Level Drop: Last 30 mins of 4 hr or last 10 mins of 1 hr					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)	Initial Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	23	8/19	7:30a	8/19	11:30a	8/20	6:30a	6	8/20	11:00a	30	7/8	34
2	20	"	"	"	"	"	"	6	"	"	"	1/2	60
3	20	"	"	"	"	"	"	6	"	"	"	13/16	37
								6					
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri Jakobek, Raymond Contracting
Phone: 402-783-2663 or 402-890-3870
Address 13800 NW 70th St
Raymond, NE 68428 # C1198

Soil type (NRCS Maps/Other) SCL

Groundwater Depth 26.7'

Sum of Percolation Rates: 131
Average of Rates: 44
Rate Used for Calculation: 60 (20 mpi/min)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official _____ Date _____

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

C

Permit Number: HS000969

Onsite Wastewater Treatment System

Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop of distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of groundwater flow, property lines, and reserve area for replacement onsite system.



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

A. Onsite System Location

Address (no rural route) 11701 S. 2nd St City Roca NE, Zip 68430

B. Proposed Septic Tank/s

Septic Tank Cap. 1,500 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☐ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 2 Soil Type SCL Land Slope _____ %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 720 sq.ft.

Total length of laterals 180 Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 4 Width 40 No. of drop boxes 4 Distrubtion Box _____

No. of absorption beds _____ Width _____ No of Distribution lines per bed _____

E. 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 ☐	☐

F. Required Signatures

Home Building Contractor Existing Date _____

Installer Ron L. Dilsaver Date 9/5/14

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS000969

System Type: Standard

Situs: 11701 S 2 ST, RURAL, NE

Issued: 9/9/2014

Expires: 9/9/2015

Description: WILDERNESS PARK ESTATES, BLOCK 3, Lot 4

Owner: IWAN, PAUL R
11701 S 2 ST
ROCA, NE 68430

Judith A Halstead
Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead
Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING
13800 NW 70TH ST
RAYMOND, NE 68428

SCANNED

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
HS000969

Onsite Wastewater Treatment System
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1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 08-02-100-0116-000

B. Owner

Name Paul Irwin Signature

Address 11701 S. 2nd St City/State/Zip Lincoln, NE 68430

Home Phone 402-416-9329 Work Phone

C. Certified Installer

Name: Lloyd Jahnbek, Raymond Contracting Inc Signature

Address 13900 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-783-2643 or 402-570-1009

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

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Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

Installation Final Written Approval
By Doug Rau
Date 9/17/14

Business Office Use Only
Date Received 9-8-14 Amount Paid 365.00
Received By SB Cash/Check No. 8469

White - Health Department Yellow - Engineer Pink - Building & Safety

8-6-2

SEP 12 2014

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

D

Permit Number: HS000969

Onsite Wastewater Treatment System

As Built Plans & Specifications Wilderness Park Estates

Date 9/5/14 Legal Description NW 1/4 NW 1/4 2-8N-6E Section Township Range

Onsite System Location

Address (no rural route) 11701 S. 2nd St City Roca NE, Zip 68430

Owner Paul Iwan Address Same

A. Sewer Pipe

1. Material: SDR26 New
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: 50+ ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 100 ft.
   stream 100 ft.
   pressure line 100 ft.
   property line 60 ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: concrete
   Number of compartments: one
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" dia. inspection pipe
6. Outlet: ☑ baffle ☐ tee ☐ 6" dia. inspection pipe
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 60' ft.

C. ☐ Distribution Box ☑ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: Switching Box 4 End caps, Plastic
   Number available outlets: 2 per cap
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 9'+8'+7'+8' ft.

D. Drainfield Absorption

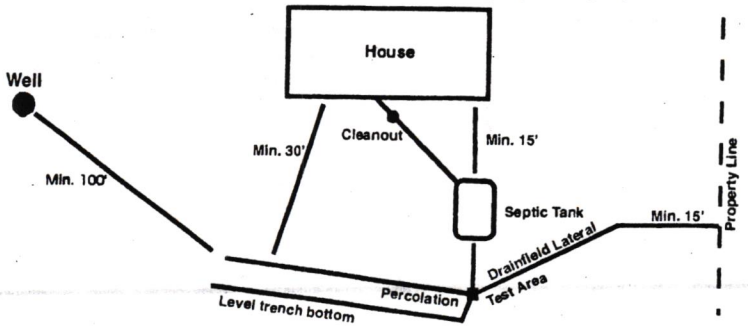
☑ Trench ☐ Bed ☐ Level Bottom

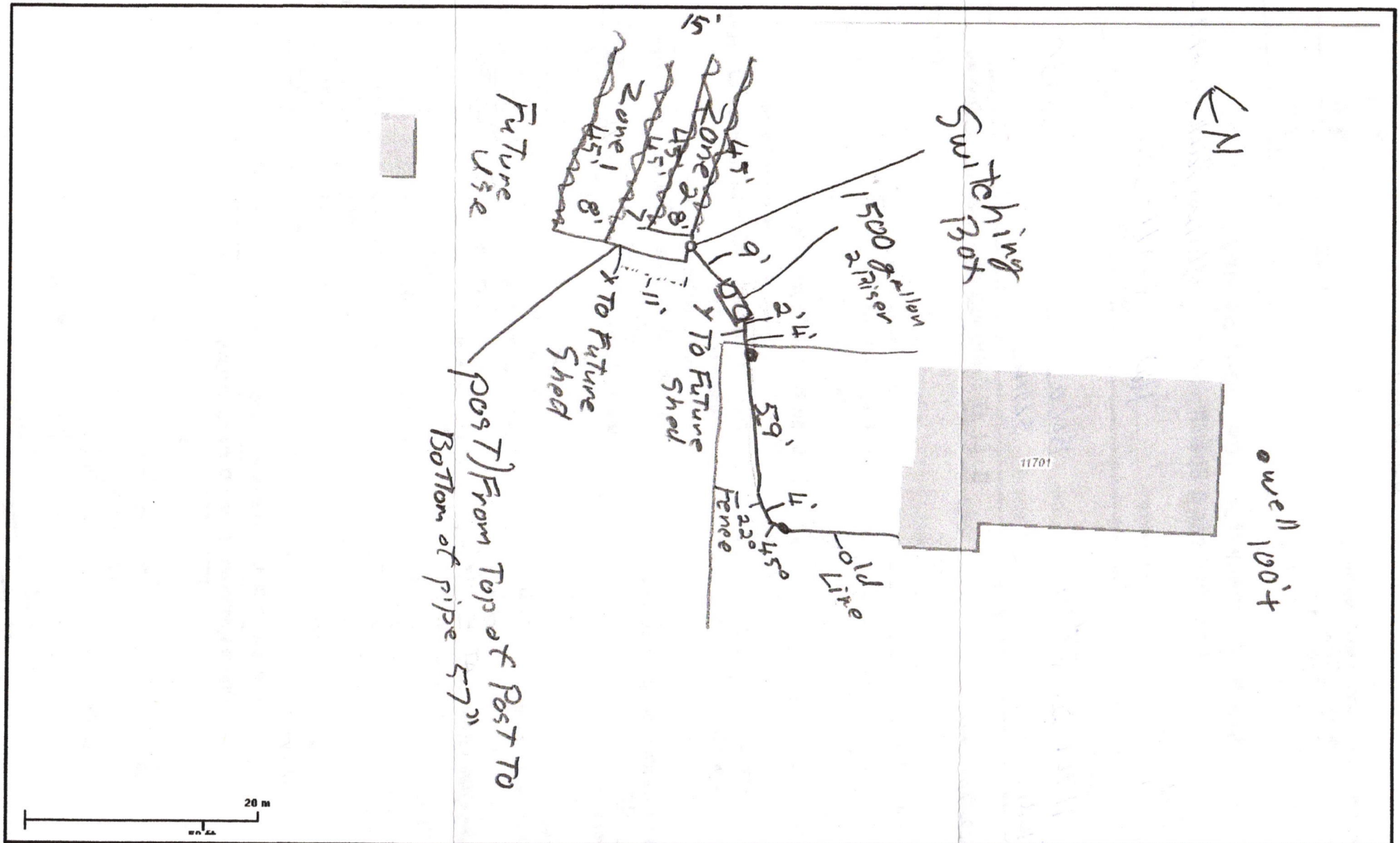
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4 - 2 Zones
   Length of each line: 45 ft. 45 ft.
   45 ft. 45 ft., _____ ft.
3. Drainfield dimensions: Width 40" ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 24"- 30" in
4. Filter material: Soil
   Depth of material 24-30 in.
5. Distances to: Well or suction line 100 ft.
   Pressure line 100 ft.
   Property line 15 ft.
   House or building 50+ ft.
   Lake or Stream 100+ ft.

Complete As-Built drawing on the back fo this form.

Onsite Wastewater System Design (Example)

Indicate North with Arrow





Lancaster County/City of Lincoln GIS Map

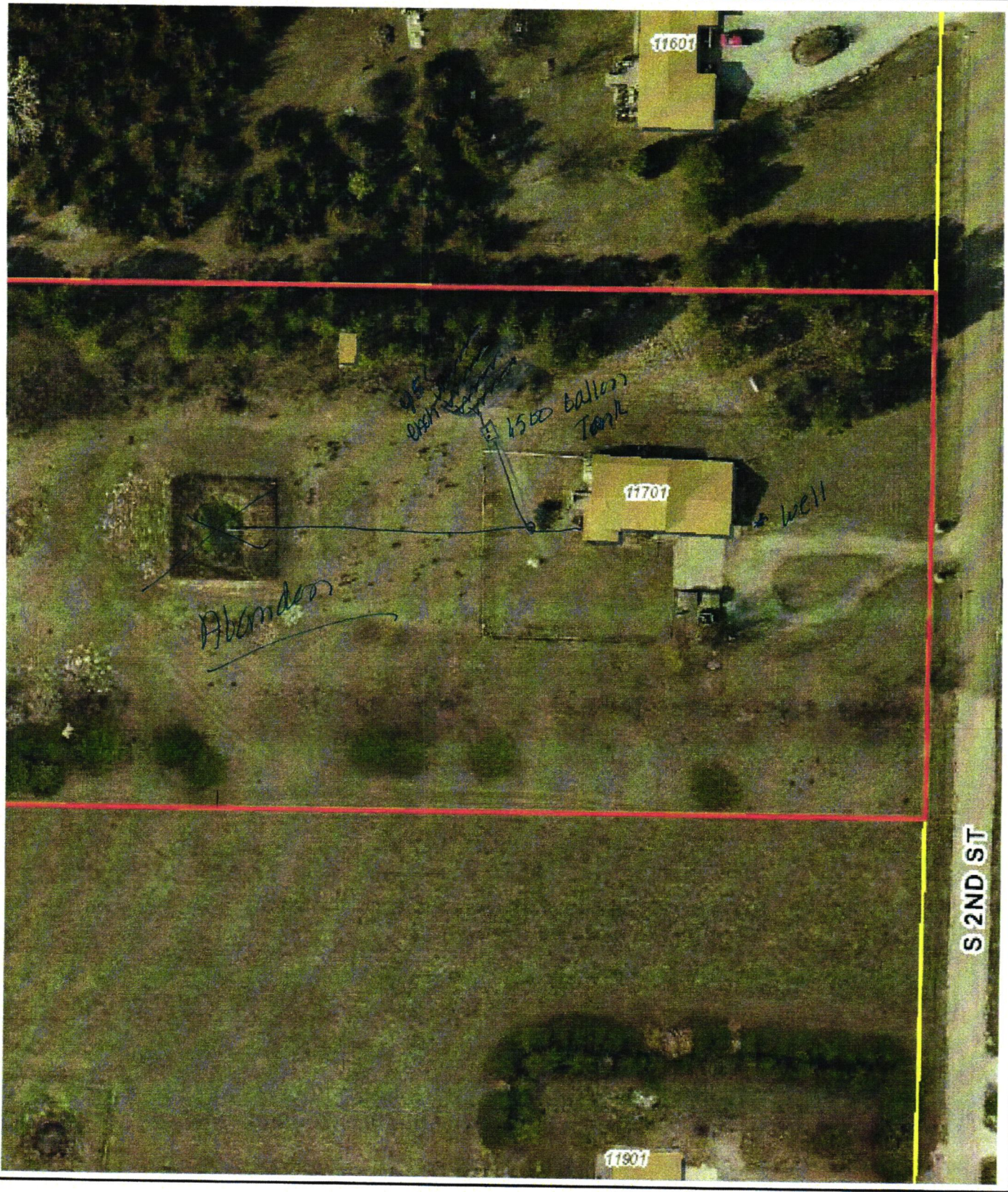
Paul Iwan 11701 S 2nd St, Roca, NE 68430

N
W E
S

Printed: Sep 09, 2014

DISCLAIMER: The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email ags@lincoln.ne.gov and you will be directed to the appropriate department.

SCANNED



Lancaster County/City of Lincoln GIS Map

Paul Iwan 11701 S 2nd St, Roca, NE 68430

N
W E
S

Printed: Sep 05, 2014

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