Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 99380208801

Issued 09/22/99
Expires 03/22/00
Revenue Code 3157

FEES: $150.00

Establishment

CRAIG HOY
T11N R8E SEC 15 QTR SW
15250 BLUFF RD-WAVERLY

TOTAL: $150.00

Permitee

CRAIG HOY
RR0001
BOX 0000046
WAVERLY NE 68462

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

010984

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

A

Permit Number: 9938 02088

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 15250 Bluff Road (no rural route) City Waverly NE, Zip NE, 68462

Legal Description Southwest 15 11 North 8 East SEE ATTACHED acreage
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 Craig Hoy Signature Craig Hoy

Address RR1 Box 46 City/State/Zip Waverly NE 68462

☐ Check if owner designed system Home Phone 786-5548 Work Phone 786-2900

C. Contractor

Name Craig Hoy Company Name

Address RR1 Box 46 City/State/Zip Waverly NE 68462

☐ Check if contractor designed system Work Phone 786-2900

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

Designer Name Mike Kroese Firm BNL Plumbing Work Phone 440-2167

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 3 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 9/22/99 Date frwd 9/22/99 ACTION ☒ Approved ☐ Disapproved Signature Gerald C. Hook

2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 09/13/99 Date frwd 09/13/99 ACTION ☒ Approved ☐ Disapproved Signature Virgil L. Meedel

10-22-99, drain, need pump, lift pump

3. **City or County Engineer** Date rec'd 09/23/99 Date frwd 09/23/99 ACTION ☐ Approved ☒ Disapproved Signature ~~Virgil L. Meedel~~

* Verify System is out of Flood Plain. (50ft contour) 10-22-99

Installation Final Written Approval

By Ron Mayfield

Date 1-2-01

Business Office Use Only

Date Rec'd 09/16/99

Amt Paid 150.00

Rec'd By m Cash/Check No. 471

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

AUG 2 5 1999 **B**

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

Permit Number: 9938020 98

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

15-11-8

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 15250 BLUFF Road (no rural route) City Waverly NE, Zip 68462

Owner Craig Hoy Addresss RR1 Box 46 Waverly

Soil Type (SCS): ~~Clay & Black Dirt~~ CRETE SILT LOAM + SHARPSBURG SILTY CLAY LOAM Percolation Rate: _____ min./inch

Date of Tests 8-21 to 8-22 Weather: Precipitation cloudy Temperature 82°

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"	8-21	1:00	8-21	5:00	8-22	1:00	6"	8-22	5:00	30	1"	30 MIN/IN
2	36"	8-21	1:00	8-21	5:00	8-22	1:00	6"	8-22	5:00	30	3/4"	40 MIN/IN
3	36"	8-21	1:00	8-21	5:00	8-22	1:00	6"	8-22	5:00	30	7/8"	34 MIN/IN
4	36"	8-21	1:00	8-21	5:00	8-22	1:00	6"	8-22	5:00	30	1"	30 MIN/IN
5	36"	8-21	1:00	8-21	5:00	8-22	1:00	6"	8-22	5:00	30	1 1/4"	24 MIN/IN
6	36"	8-21	1:00	8-21	5:00	8-22	1:00	6"	8-22	5:00	30	7/8	34 MIN/IN

Sum of Percolation Rates: _____

Average of Rates: _____

Rate Used for Calculation: 32 MIN/IN

Person Conducting Percolation Tests

Name: Craig Hoy

Phone: 786-5548

Address RR1 Box 46 Waverly NE 68462.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date SEPTEMBER 22, 1999

FORM 23-101 10-96

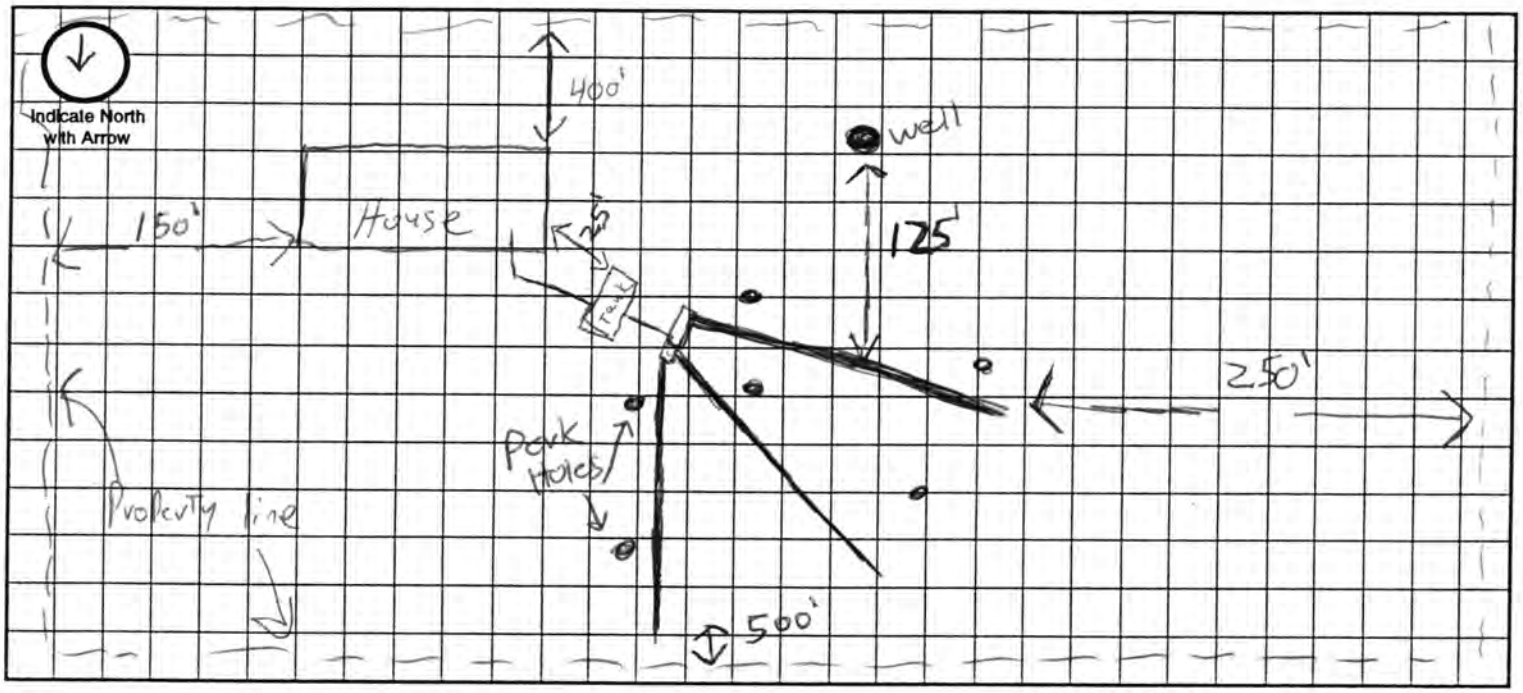
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 9938020 88

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) 15250 Bluff Road City Waverly NE, Zip NE 68462

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate _____ (min. per inch) Soil Type: CRETE SILT LOAM & SHARPSBURG SILTY CLAY LOAM, Land Slope: _____ %

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

Total Square Feet of Field Required: 774 sq. ft.

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

Capacity of Septic Tank 1000 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 Greg Hoy Date 9-12-99

Installer Mike Vasek Date 9-16-99

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: 993802088

Sewage Disposal System

As Built Plans & Specifications

Date _____

System Location (Indicate correct number and street)

Address 15250 BLUFF RD (no rural route) City Waverly NE, Zip 68462

A. Building Sewer

1. Material: SDR 26
   Diameter: 4" in.
2. Distance above basement floor: - in.
   or distance below basement floor: 2 FT in.
3. Distance between dwelling and septic tank: 50 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line 115 ft.
   stream 200 plus ft.
   pressure line 75 ft.
   property line _____ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1000 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 4 in.
   Over outlet, diameter 4 in.
   Riser: ☐ above ☑ below grade 6 in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 3-4 FT in.
8. Distances to: Well or suction line 105 ft.
   Stream 300 plus ft.
   Pressure line 75 ft.
   Property line _____ ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 34 ft.

D. Absorption Field

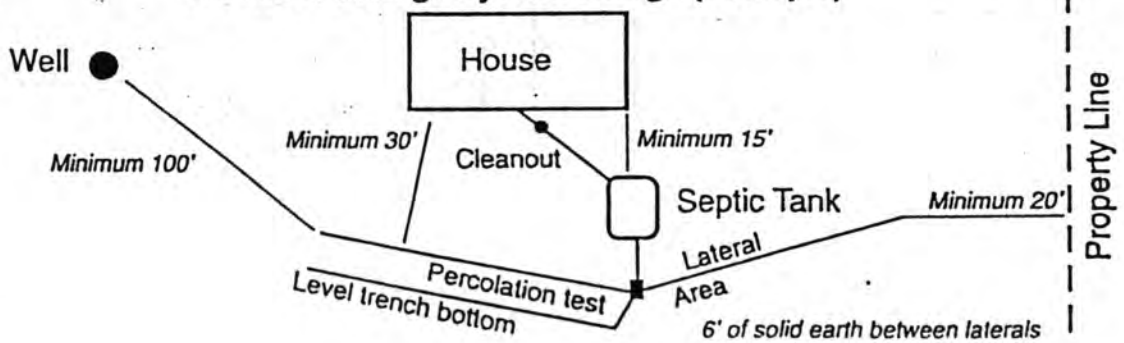
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 12"
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 96 ft. 100 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4' ft.
   Slope 4" in/100 ft.
   Average depth 3 FT in
4. Filter material: Gravel
   Depth of material 2 FT in.
5. Distances to: Well or suction line 118 ft.
   Stream 200 Plus ft.
   Pressure line 100 ft.
   Property line _____ ft.

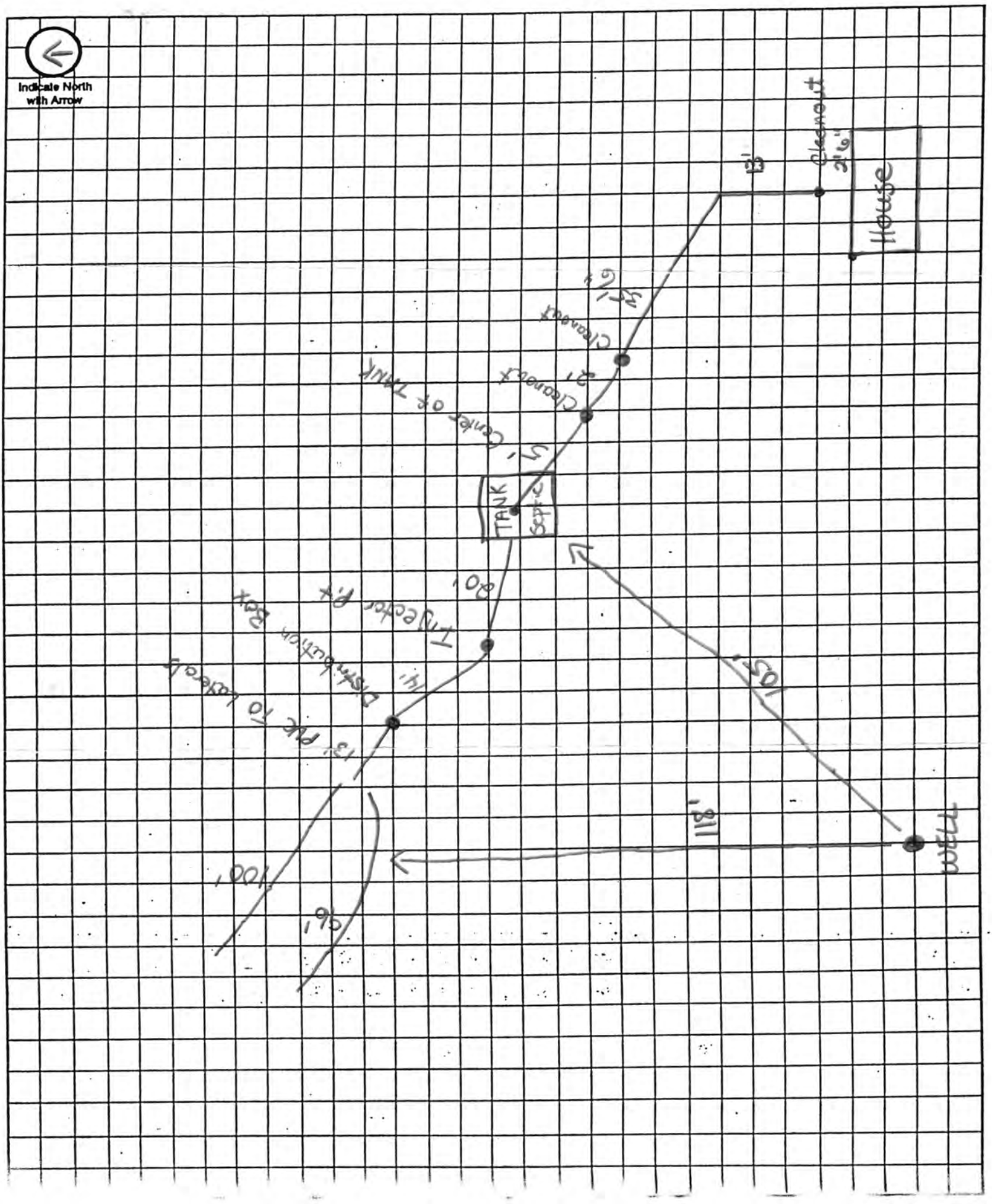
Complete "As Built" drawing on back of this form.

Indicate North with Arrow

Individual Sewage System Design (Example)



As Built Drawing



Parcel 3

A legal description of a tract of land located in the Southwest Quarter of Section 15, Township 11 North, Range 8 East of the 6th P.M., Lancaster County, Nebraska, and more fully described by metes and bounds as follows:

Referring the Southeast corner of the Southwest Quarter of said Section 15; Thence: N89°51'01"W, (an assumed bearing), on the South line of said Southwest Quarter, a distance of 790.00 feet to the Point of Beginning; Thence: continuing N89°51'01"W, on said line, a distance of 280.99 feet; Thence: N20°42'02"W, a distance of 1216.64 feet; Thence: S89°51'01"E, a distance of 714.21 feet; Thence: S00°09'34"W, a distance of 1136.97 feet to the Point of Beginning and containing a calculated area of 12.99 acres including 0.22 acres of County Road Right-of-Way.

441-6206

Jerry Hood

Craig Hoy

AA-18545

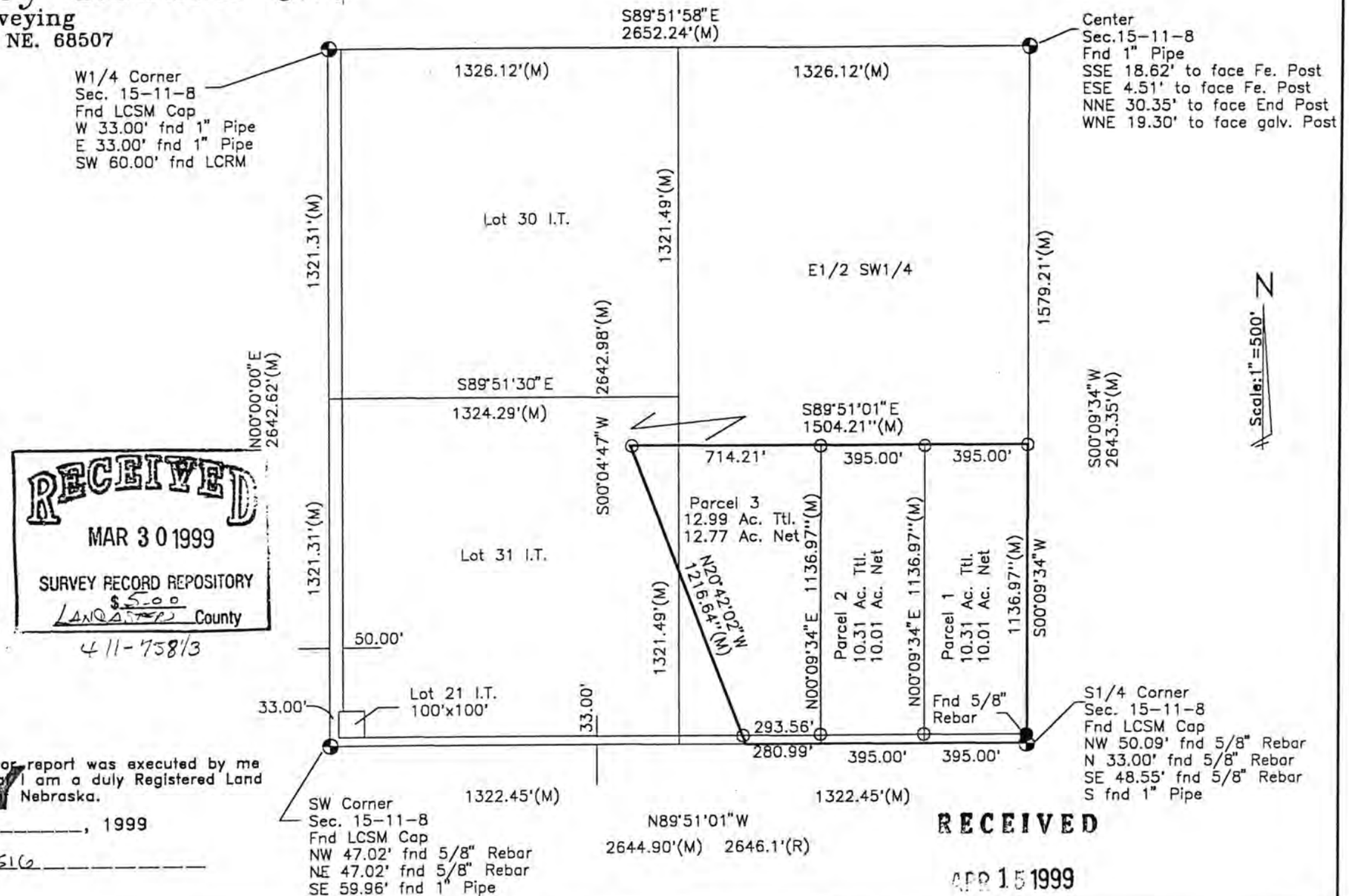
Official Survey Record SW¼

R. Russell Orr Land Surveying
7130 Morton Street, Lincoln, NE. 68507
Ph.:(402)450-0827
Fax:(402)466-6705

Job No. : 20899

Survey of :

(See Sheet 2 of 2 for legal descriptins).



LEGEND

R=Recorded Distance
M=Measured Distance
P=Plat Distance
●=Corner Found
○=Corner Set
⊕=Section Corner

RECEIVED
MAR 30 1999
SURVEY RECORD REPOSITORY
$5.00
LANCASTER County
411-758'3

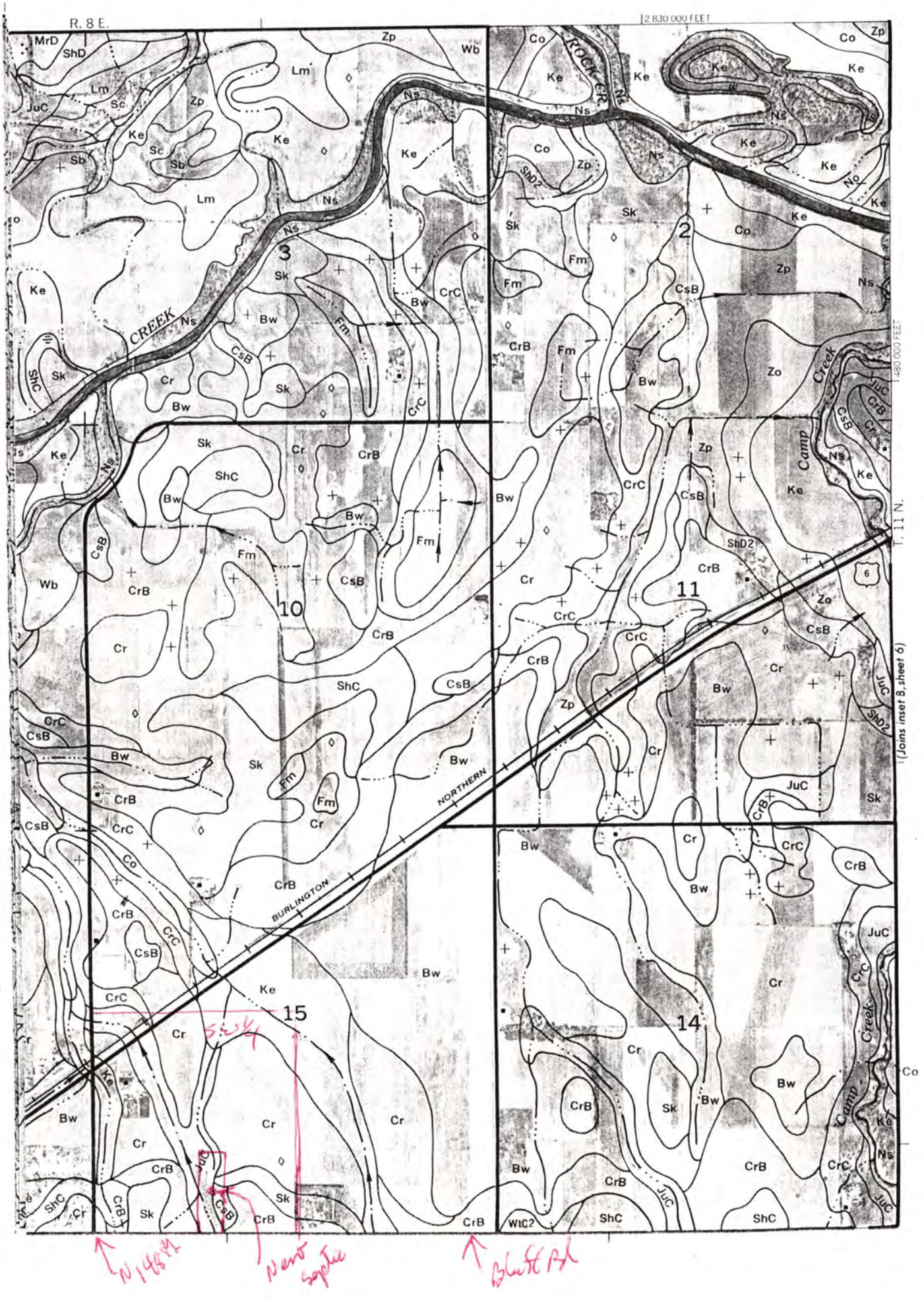
NEBRASKA REGISTERED LAND SURVEYOR R. RUSSELL ORR

I hereby certify that the above survey or report was executed by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Nebraska.

Signed this 24th day of MARCH, 1999

R. Russell Orr LS 516

RECEIVED
APR 15 1999
LANCASTER COUNTY
SURVEYING DEPT.


R. 8 E.
2 830 000 FEET
1 480 000 FEET
T. 11 N.
(Joins inset B, sheet 6)
ROCK CR.
CREEK
Camp Creek
NORTHERN
BURLINGTON
2
3
10
11
14
15
MrD
ShD
Lm
Sc
JuC
Zp
Wb
Ke
Sb
Ns
Co
ShD2
Sk
Fm
CrC
CsB
Bw
Cr
ShC
CrB
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WtC2