Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Establishment

JOHN H TUCKER
T11N R8E SEC 33 QTR NE
14601 ALVO RD--WAVERLY

Permittee

JOHN H TUCKER
13940 GUILDFORD ST
WAVERLY NE 68462

Permit # 01380233401

Issued 07/03/01
Expires 01/03/02
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

Acting
[redacted], Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

016030

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

A

Permit Number: 01380233401

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 Approx: 14601 Alvo Rd (no rural route) City _____ NE, Zip _____

Legal Description NE (1/4) 33 (1/4) 11North (Section) 8East (Township) of 6PM (Range) _____ (Subdivision) _____ (Addition) 44 (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 John H.& Janet A.Tucker Signature _____

Address 13940 Guildford City/State/Zip Waverly NE 68462

☐ Check if owner designed system Home Phone _____ Work Phone 402-786-2151

C. Contractor

Name Stan Kroese Company Name Dirt Works Plus, Inc.

Address 7324 Ballard City/State/Zip Lincoln NE 68507

☑ Check if contractor designed system Work Phone 402-560-1208

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 2 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 7/3/01 Date frwd 7/3/01 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 7-3-01 Date frwd 7-3-01 **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 7-3-01 Date frwd 7-3-01 **ACTION** ☒ Approved ☐ Disapproved Signature Jim Ploeger

9-22-02 sewer line stub appears out of floodplain
Part of property is in Ash Hollow flood plain

Installation Final Written Approval

By _____

Date 8-20-02

Business Office Use Only

Date Rec'd 7/3/01
Amt Paid #200.00
Rec'd By 7/3/01 Cash/Check No. 1004

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

Lincoln-Lancaster County Health Department
Environmental Health Division
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Phone: 402-441-8022

B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 14600 Alvo Rd (no rural route) City WAVERLY NE, Zip 68

Owner John Tucker Address

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

Date of Tests 7-25-01 to 7-26-01 Weather: Precipitation 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	30	7/25	1:00PM	7/26	100PM	7/26	100PM	6	7/26	500PM	30	3/4"	40 MIN/IN
2	27	7/25	100PM	7/26	100PM	7/26	100PM	6	7/26	500PM	30	1 1/4	24 MIN/IN
3	28	7/25	100PM	7/26	100PM	7/26	100PM	6	7/26	500PM	30	1"	30 MIN/IN
4	27	7/25	100PM	7/26	100PM	7/26	100PM	6	7/26	500PM	30	1 1/2"	20 MIN/IN
5	30	7/25	100PM	7/26	100PM	7/26	100PM	6	7/26	500PM	30	1 1/2	20 MIN/IN

Person Conducting Percolation Tests

Name: Tom Knoell

Phone: 560-1208

Address 7324 BALLARD LNK NE 68507

Sum of Percolation Rates:

Average of Rates:

Rate Used for Calculation: 2.7 MIN/IN

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date JULY 29 2002

FORM 23-101 10-96

07/02/02 10:08A P.001 402-464-7020 Dirt Works Plus Inc.

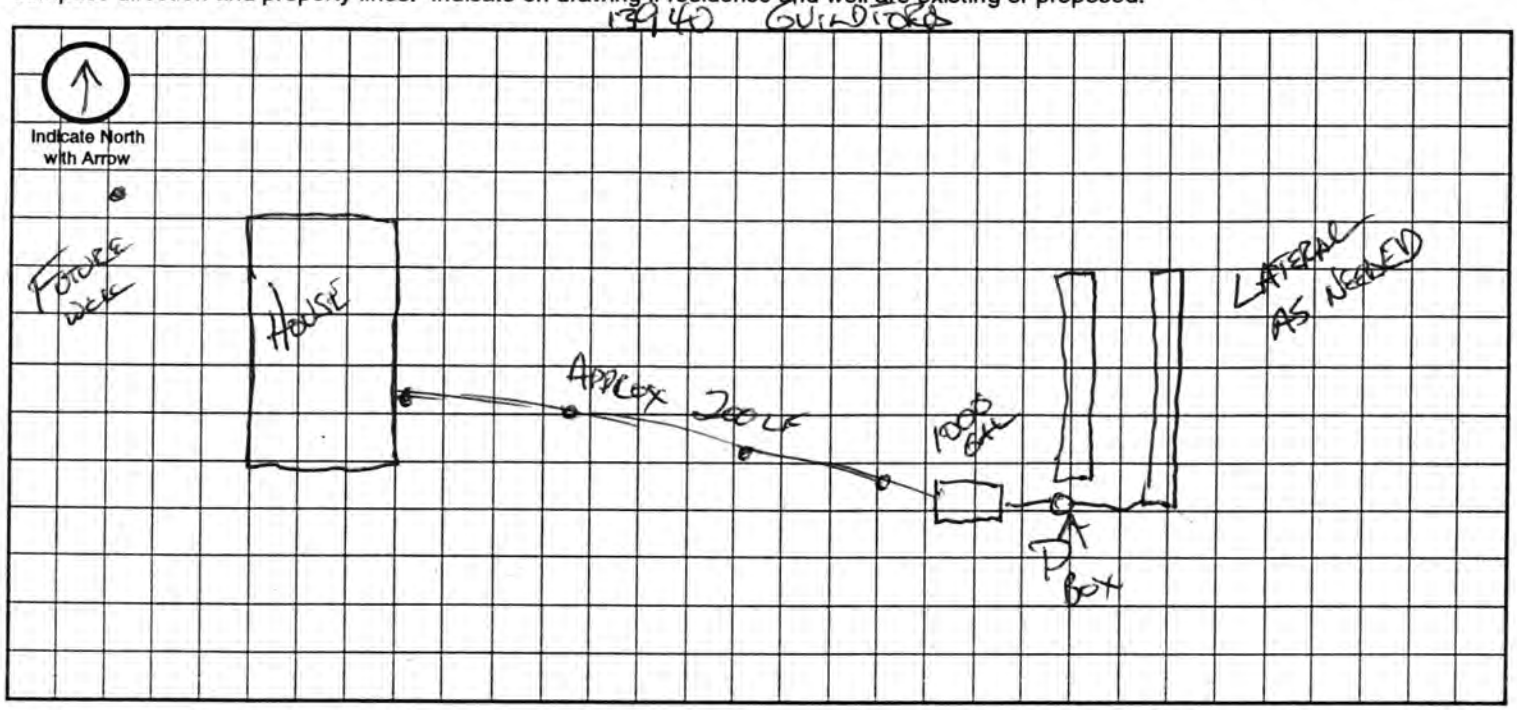
Lincoln-Lancaster County Health Department
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Phone: 402-441-8022

C

Permit Number:

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) Approx: 14601 Alvo Rd City Waverly NE, Zip 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: _____ 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: EQUALIZER - GRAVEL-LESS HIGH CAPACITY

Capacity of Septic Tank 1000 gals Number of Absorption Beds: 2 Number of Distribution Laterals per Bed _____

Total Length of Laterals 125 ft. Number of Trenches _____ Trench Width GRAVEL-LESS 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 7/01/01

Installer _____ Date 7/02/01

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 7-30-02

JOHN TUCKER

System Location (Indicate correct number and street)

Address 14600 ALVO RD (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: CLS 160
   Diameter: 4" in.
2. Distance above basement floor: ___ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank 72 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100 + ft.
   stream 100 + ft.
   pressure line 100 + ft.
   property line 100 + ft.

B. Septic Tank

1. Material: CONC
   Number of compartments: 1
2. Capacity: 1000 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 12 in.
   Over outlet, diameter 12 in.
   Riser: ☑ above ☐ below grade ___ 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: 72 ft.

D. Absorption Field

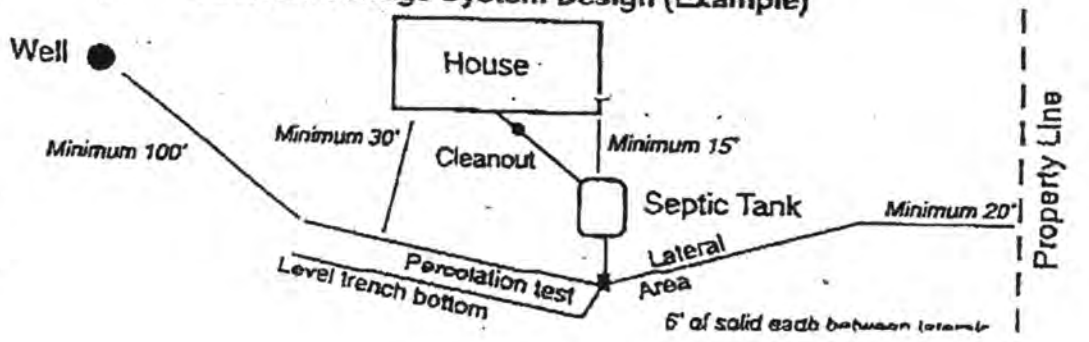
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: ___
   or perforated pipe: ___
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other GRAVEL-LESS INFILTRATOR
2. Lateral lines: Number 2
   Length of each line: 102 ft 102 ft.
   ___ ft. ___ ft. ___ ft.
3. Trench dimensions: Width 3.5 ft.
   Slope 0 in/100 ft.
   Average depth 25 in
4. Filter material: N/A
   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.

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

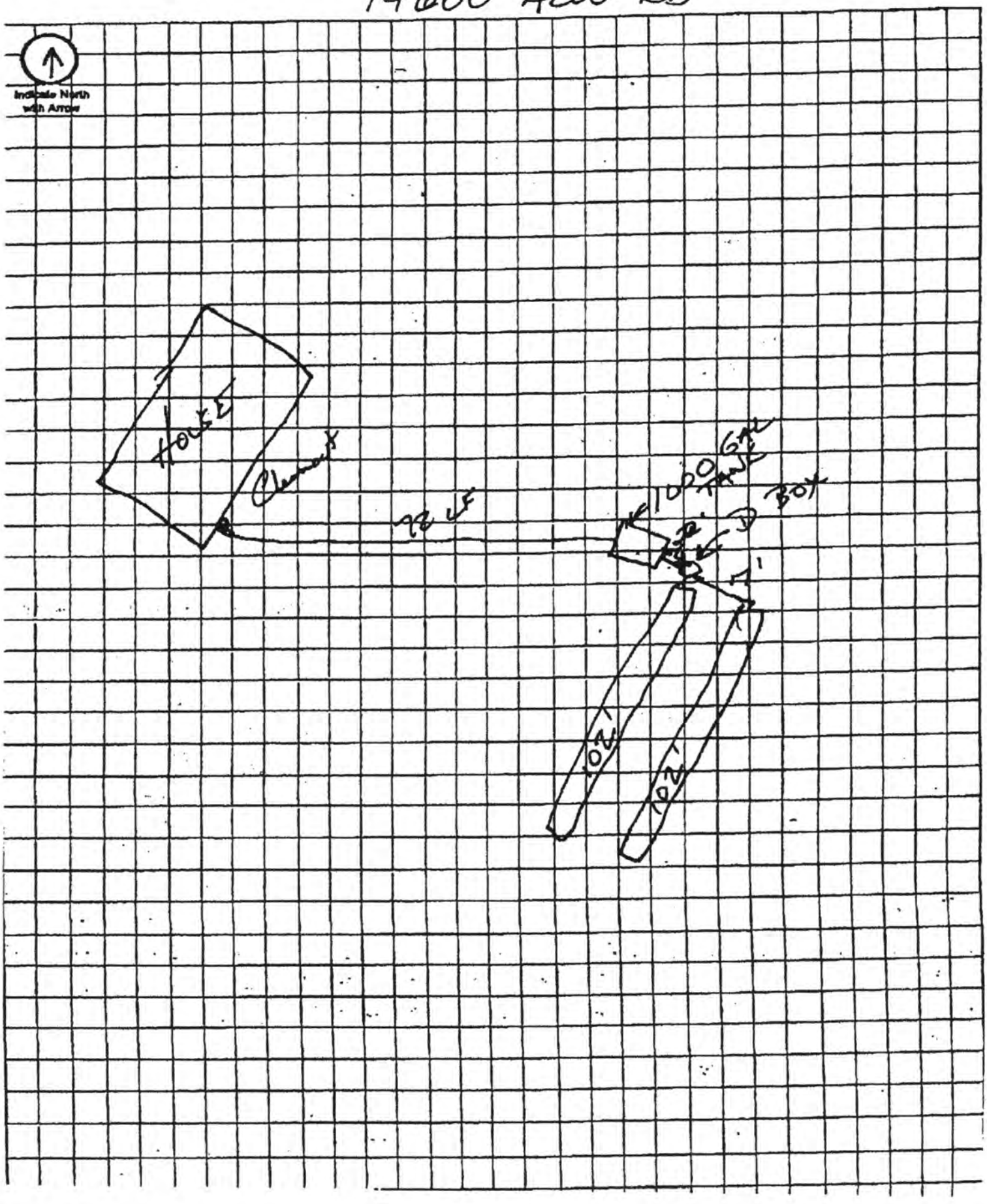
de North
Arrow

Individual Sewage System Design (Example)



As Built Drawing

JOHN TUCKER
14600 ALLO RD



14601 ALVO ROAD
LANCASTER CTY

SITE:
Approx 2 BLKS
west of
148 & ALVO
RD

SOUTH
SIDE

Official Survey Record

R. Russell Orr Land Surveying
7130 Morrton Street, Lincoln, NE. 68507
Ph.:(402)450-0827
Fax:(402)466-6721

N1/4 Cor Sec 33-11-8
Fnd LCSM Cap
S 36.33' x nails [illegible]
SE 44.06' x nails [illegible]
S 32.00' fnd [illegible]
E 1' to Fe Southr

380.82'(R

Job No. : 29200

Survey of :

A TRACT OF LAND LOCATED IN LOT 34 AND 36 IRREGULAR TRACTS IN THE NORTHEAST QUARTER OF SECTION 33, 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 TO THE NORTHEAST CORNER OF SAID NORTHEAST QUARTER; THENCE: N90°00'00"W, (ASSUMED), ON THE NORTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 50.00'; THENCE: S00°08'57"E, A DISTANCE OF 33.00', TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF ALVO ROAD AND THE POINT OF BEGININNG; THENCE: CONTINUING S00°08'57"E, ON THE WEST RIGHT-OF-WAY OF NORTH 148TH STREET, A DISTANCE OF 240.55'; THENCE: N90°00'00"W, A DISTANCE OF 539.84'; THENCE: S00°08'57"E, A DISTANCE OF 359.46'; THENCE: N90°00'00"W, A DISTANCE OF 1236.32'; THENCE: N00°08'57"W, A DISTANCE OF 600.06', TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF ALVO ROAD; THENCE: N90°00'00"E, ON SAID LINE, A DISTANCE OF 1776.17', TO THE POINT OF BEGINNING AND CONTAINING A CALCULATED AREA OF 20.01 ACRES MORE OR LESS.

N00°06'42"W
2677.18'(M&R)

Lot 35
IT

Ctr Sec 33-11-8
Fnd 5/8" Rebar
N19.5' to E-W Fe Line
E 10.5' to N-S Fe Line
Next to Stl Post

473.58'(I

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 18th day of SEPTEMBER, 2000

R. Russell Orr LS 516

LS-516
R. Russell Orr
REGISTERED LAND SURVEYOR