Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Establishment

JAMES M GILMORE
T12N R5E SEC 24 QTR SW
18000 NW 70 ST-RAYMOND

Permittee

JAMES M GILMORE
505 W KEATING CIR
LINCOLN NE 68521

Permit # 01380234601

Issued 08/15/01
Expires 02/15/02
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

[redacted], Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

016201

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

A

Permit Number: 0138 02346

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 18000 NW 70TH (no rural route) City Raymond NE, Zip NE 68428

Legal Description SEE ATTACHED
SouthWest 24 12N 5E 6TH PM
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 James M Gilmore Signature _____

Address 505 W Keating Ct City/State/Zip Lincoln, NE 68521

☐ Check if owner designed system Home Phone 435-8176 Work Phone 458-1341

C. Contractor

Name Stan Klaver Company Name Dirt Works Plus Inc

Address 7324 Ballard City/State/Zip Lnk NE 68507

☑ Check if contractor designed system Work Phone 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 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 8/15/01 Date frwd 8/15/01 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8/15/01 Date frwd _____ ACTION ☑ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 08/15/01 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Paul Dartsman

Date 11-20-01

Business Office Use Only

Date Rec'd 08/15/01
Amt Paid 200.00
Rec'd By LS Cash/Check No. 4135

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: 0138 02346

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 18,000 NW 70TH (no rural route) City RAYMOND NE, Zip 68428

Owner JIM GILMORE Addresss 505 W KEATING LNK NE 68521

Soil Type (SCS): JUDSON SILT LOAM Percolation Rate: _____ min./inch

Date of Tests 8-11-01 to 8-12-01 Weather: Precipitation Ø Temperature 80°

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	8-11	800AM	8-12	800AM	8-12	800AM	6"	8-12	1100AM	30	2"	15 MIN/IN
2	28	8-11	800AM	8-12	800AM	8-12	800AM	6"	8-12	1100AM	30	1 3/4"	17 MIN/IN
3	30	8-11	800AM	8-12	800AM	8-12	800AM	6"	8-12	1000AM	30	1"	30 MIN/IN
4	30	8-11	800AM	8-12	800AM	8-12	800AM	6"	8-12	1000AM	30	1 1/4"	24 MIN/IN
5	30	8-11	800AM	8-12	800AM	8-12	800AM	6"	8-12	1000AM	30	7/8"	34 MIN/IN

Person Conducting Percolation Tests

Name: Jim Gilmore
Phone: 458-1341
Address 505 W Keating
LNK NE 68521

Sum of Percolation Rates: _____
Average of Rates: _____
Rate Used for Calculation: 24 MIN/IN

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date AUGUST 15, 2001

FORM 23-101 10-96

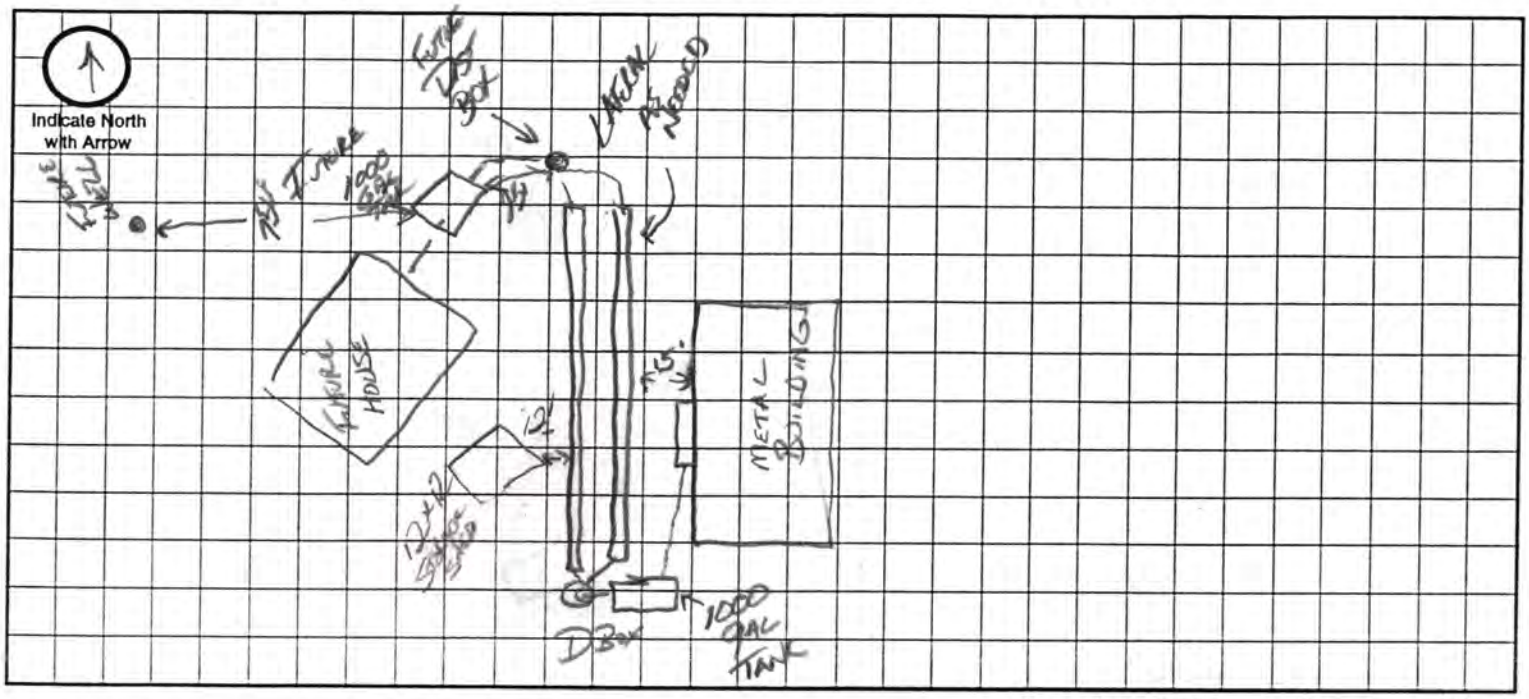
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 013802346

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) 18000 NW 70TH 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 _____ (min. per inch) Soil Type: JUDSON SILT LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 750 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☑ Other Lateral Material: High Capacity Leach Tubing (Gravel-less)

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

Total Length of Laterals 204 ft. Number of Trenches 2 Trench Width 3.5

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 13 Aug 01

Installer Steve Kruse Date 8-13-01

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: 01380234601

Sewage Disposal System

As Built Plans & Specifications

Date 10-17-01

System Location (Indicate correct number and street)

Address 18000 NW 70TH (no rural route) City Raymond NE, Zip _____

A. Building Sewer

1. Material: CLS 160
   Diameter: 4" in.
2. Distance above basement floor: [illegible] in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 34 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100+ ft.
   stream 100 ft.
   pressure line 60 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 _____ in.
   Over outlet, diameter _____ in.
   Riser: ☑ above ☐ below grade 4 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 60 ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: CONC
   Number available outlets: _____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 24' ft.

D. Absorption Field

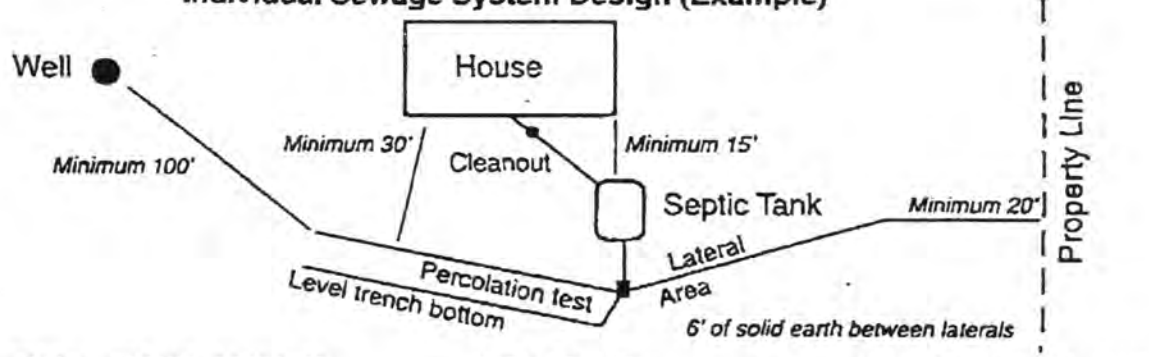
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☑ other Infiltrator
2. Lateral lines: Number 2
   Length of each line: 108 ft. 108 ft.
   _____ ft. _____ ft. _____ ft.
3. Trench dimensions: Width 3'6" ft.
   Slope 0 in/100 ft.
   Average depth 32 in
4. Filter material: GRAVEL-LESS
   Depth of material NA in.
5. Distances to: Well or suction line 100 ft.
   Stream 50 ft.
   Pressure line 40 ft.
   Property line 50 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



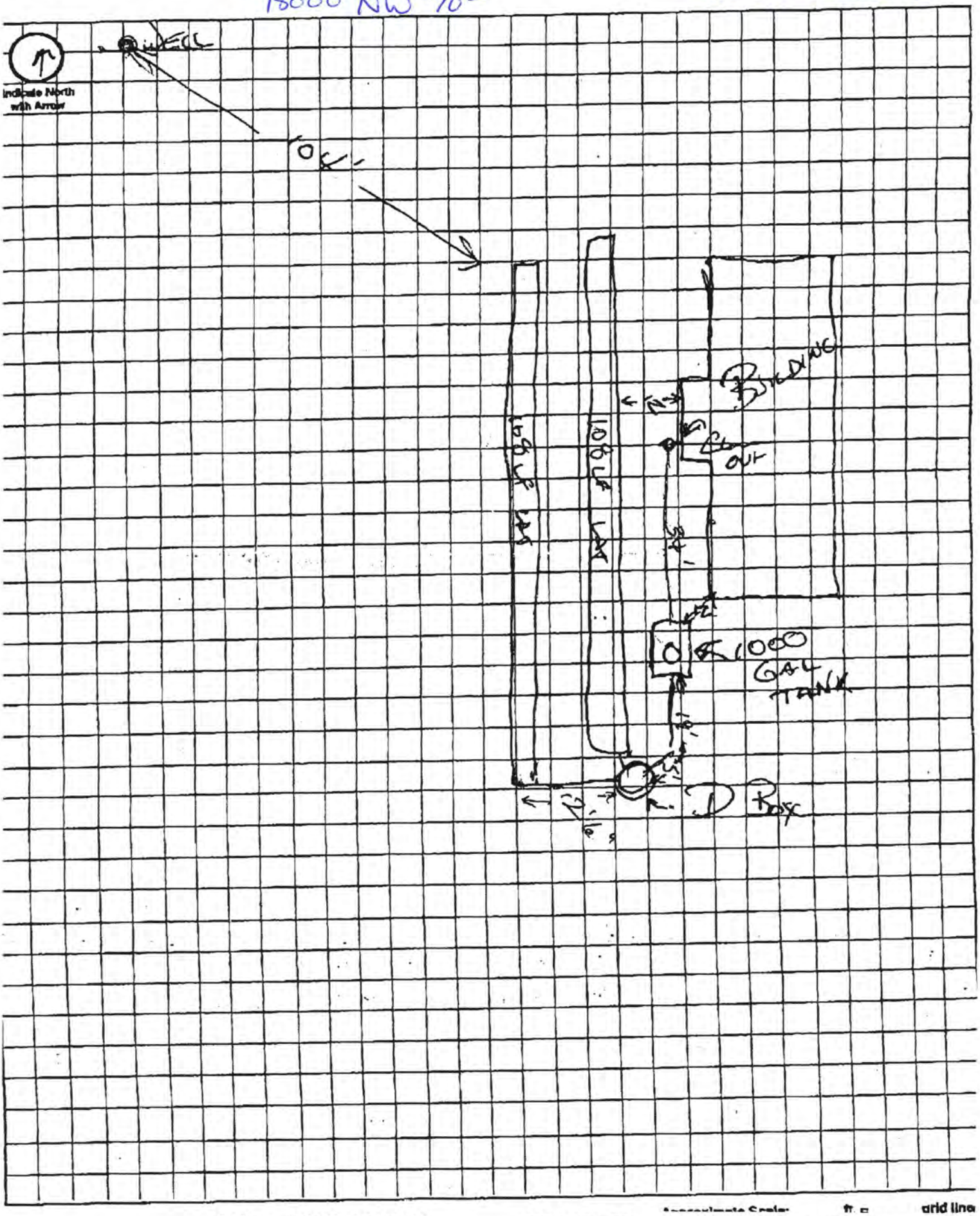
FORM 23-103 10-96

DIRT WORKS PLUS INC. 402-484-7020 11/19/01 12:08P P.002

As Built Drawing

18000 NW 70th

01380234601



18000 NW. 70th St.
Raymond, NE. 68428

In 2001 a septic system was built for our Ag building.

On June 5, 2015 the building burned down as a result of a lightening strike. We are in the process of rebuilding in the form of a one bedroom residence w/ attached garage.

Our plan is to use the EXISTING septic system as it curently exists.

If our contractor feels that it will not be adequate, we will make repairs or replace system AS NECESSARY.

on this date Sept. 24, 2015

James M. Gilmore

505 W. Keating Ct.
Lincoln NE, 68521
402-525-6501 (cell)

Official Survey Record

Lancaster County, Nebraska

ALLIED SURVEYING AND MAPPING, INC.
LAND SURVEYORS
6120 South 58th Street - Suite "A" - Lincoln, Nebraska 68516
Phone (402) 434-268
FAX (402) 434-268

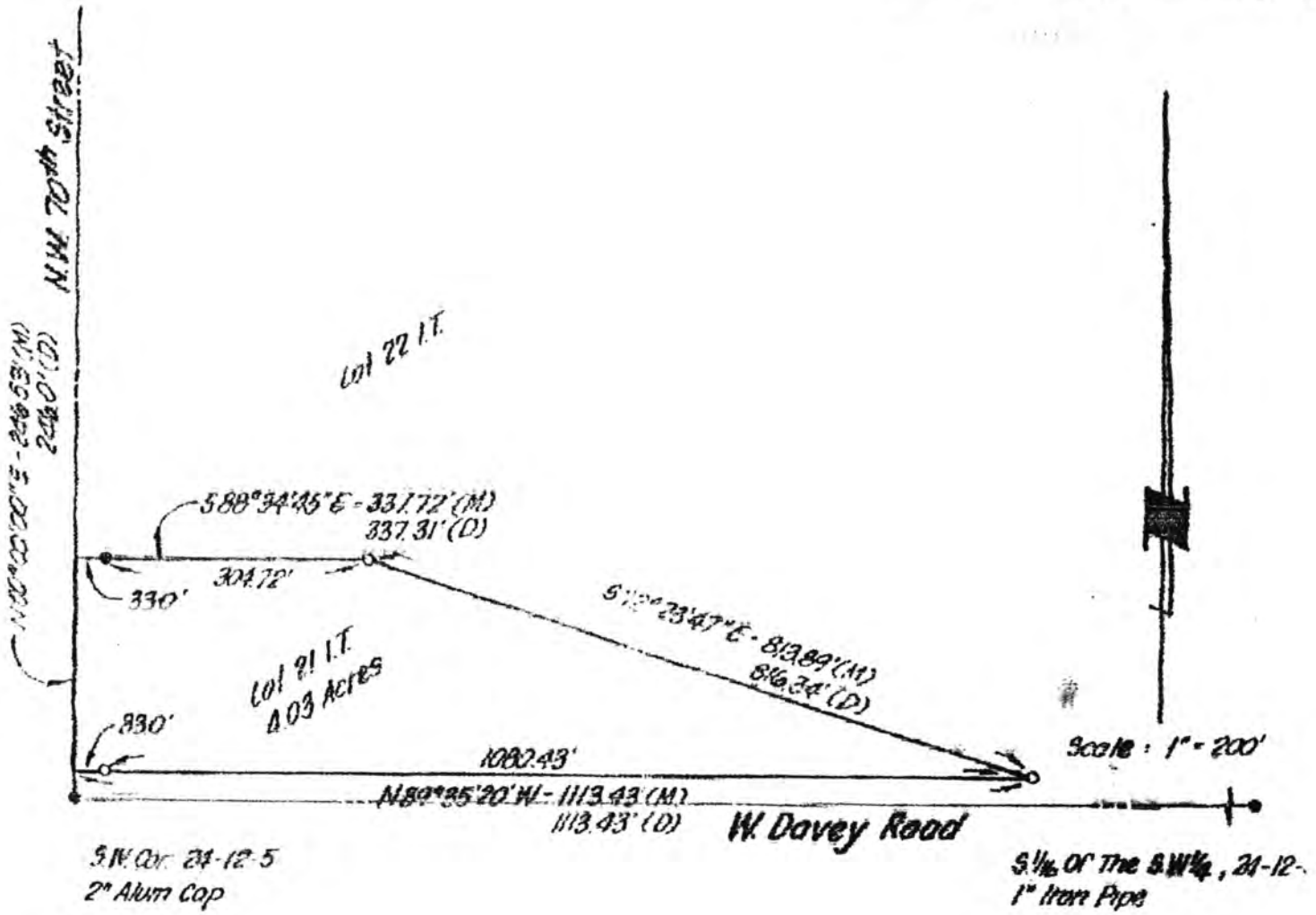
Sheet 1 of 1

Survey of Lot 21, Irregular Tracts, in The Southwest Quarter

Section 24 T 12 N, R 5 E of the 6th P.

Job No. 19361

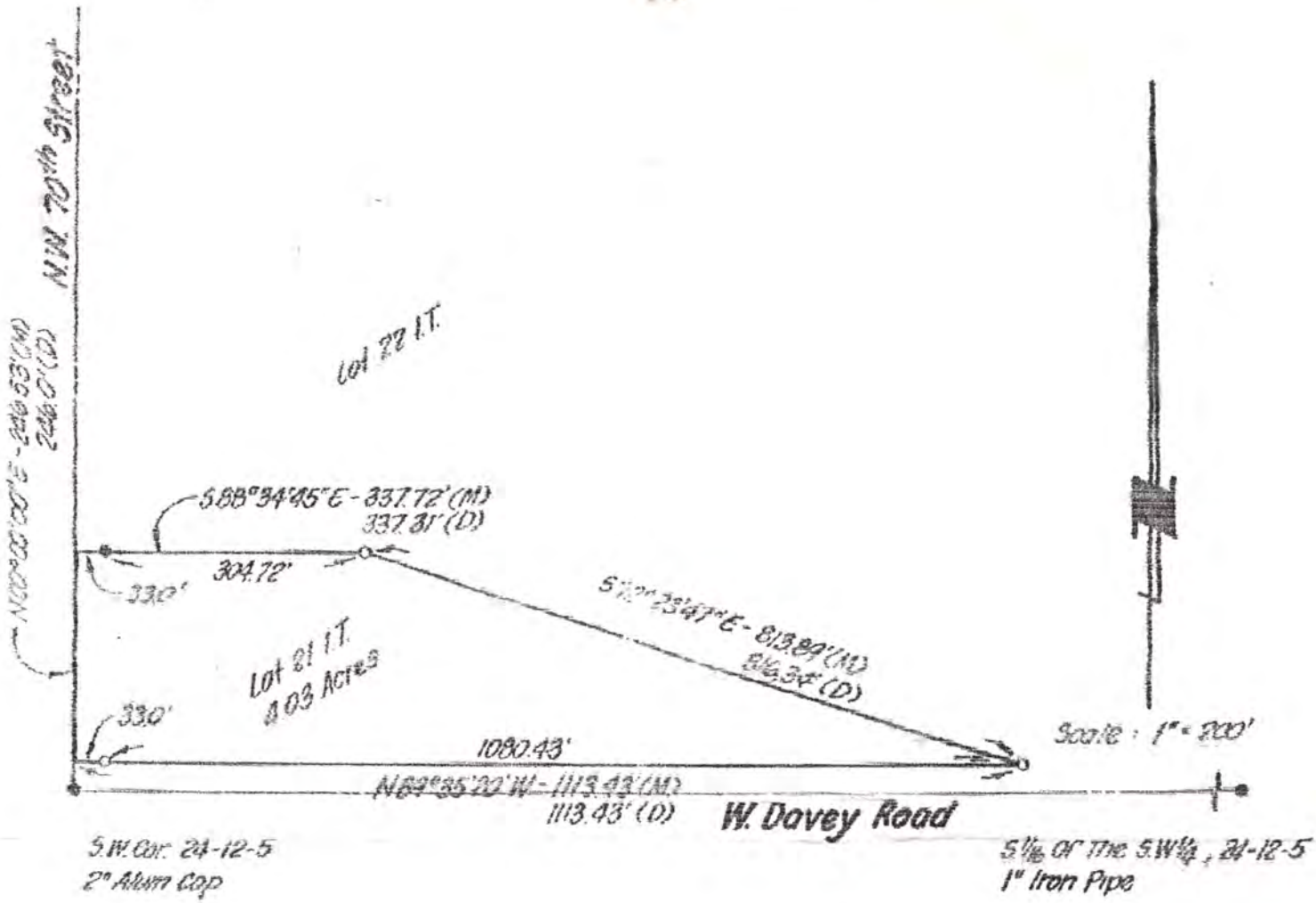
December 8, 19



S.W. Cor 24-12-5
2" Alum Cap

S½ Of The S.W¼, 24-12-6
1" Iron Pipe

NO. [illegible]



S.W. Cor. 24-12-5
2" Alum. Cap
N.E. 48.75' To 2" Alum Cap
N.W. 48.05' To Nail In F.P.
S.E. 44.77' To Nail In P.P.

S½ Of The S.W¼, 24-12-5
1" Iron Pipe
32.33' S. To 1" I.P.
34.61' S To Nail In C.F.P.
100.41' S.W. To Nail In P.P.

) Deed
) Measured
= Set 1" x 24" Iron Pipe

● = Monuments Found 1" Iron Pipe

SURVEYORS CERTIFICATE

hereby certify that I have accurately urveyed the property in the above plat. ron Pipe were set at points marked O. ll dimensions are in feet and decimals f a foot.

Signed this 10th day of January, 19 94

NAME [signature] KERRY W. SIMONDS

Surveyor's License
Nebraska L.S. 333

REGISTERED PROFESSIONAL LAND SURVEYOR
KERRY W. SIMONDS
LS-343
(SEAL)
STATE OF NEBRASKA