LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

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

NON TRANSFERABLE

PERMIT

Permit No. 97380160801

SEWAGE INSTALLATION
SEPTIC SYSTEM

Issued 07/03/97
Expires 01/03/98
Revenue Code 18754

Establishment

THOMAS JUDDS
T12N R8E SEC 2
16701 ASHLAND ROAD

FEES: $150.00

TOTAL $150.00

Permittee

THOMAS JUDDS
RR0002
BOX 00198
ASHLAND NE 68003

Issued By M. Jane Ford
Health Director

4971

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"

JUL 02 1997

A

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

Permit Number:

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 16701 Ashland Road (no rural route) City Ashland NE NE, Zip 68003

Legal Description SE¼ SE¼ Section 2T Township 12N, R 8 East Range (See attached survey info.) Subdivision Addition Block Lot 8 FT

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Thomas & Gina Judds Signature Gina A. Judds

Address Rt. 2 Box 198 City/State/Zip Ashland, NE 68003

☐ Check if owner designed system Home Phone 944-2004 Work Phone same

C. Contractor

Name Vogt T & T Excavating, Inc Company Name _____

Address P.O. Box 181 City/State/Zip Elmwood, NE 68349

☒ Check if contractor designed system Work Phone 560-4267

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

Designer Name Vogt Excavating Firm Same as above 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 7/3/97 Date frwd 7/3/97 ACTION ☒ Approved ☐ Disapproved Signature Gerald C. Hoe
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 7-3-97 Date frwd 7-3-97 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 7-3-97 Date frwd 7-3-97 ACTION ☒ Approved ☐ Disapproved Signature Jim Blaugh

7-14-97 sm

Installation Final Written Approval

By Ron Magnuson

Date 7-15-97

Business Office Use Only 3155

Date Rec'd 7/3/97

Amt Paid 150.00

Rec'd By cw Cash/Check No. 6910

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:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 169th + Ashland Rd. (no rural route) City Ashland, NE NE, Zip 68003

Owner Thomas + Gina Judds Addresss Rt. 2 Box 198 Ashland, NE 68003

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

Date of Tests May 30 to May 31 Weather: Precipitation none Temperature 75°

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"	~~5/30~~ 5/31	~~7:35AM~~ 7:35AM	5/30	1:30pm	5/31	7:55AM	6"	5/31	12:01pm	30	7/8"	34.09
2	36"	5/30	7:37	5/30	1:30pm	5/31	7:59	6"	5/31	12:02	30	1 7/8"	15.96
3	36"	5/30	7:39	5/30	1:30pm	5/31	8:01	6"	5/31	12:03	30	2 1/4"	13.33
4	36"	5/30	7:41	5/30	1:30pm	5/31	8:02	6"	5/31	12:04	30	1 7/8"	15.96
5	36"	5/30	7:43	5/30	1:30pm	5/31	8:02	6"	5/31	12:05	30	5/8"	47.62
6	36"	5/30	7:44	5/30	1:30pm	5/31	8:03	6"	5/31	12:06	30	5/8"	47.62
7	36"	5/30	7:45AM	5/30	1:30pm	5/31	8:04	6"	5/31	12:07	30	7/8"	34.09

Person Conducting Percolation Tests

Name: Thomas & Gina Judds
Phone: (402) 944-2004
Address Rt. 2 Box 198 Ashland, NE 68003

Sum of Percolation Rates: _____
Average of Rates: 29.81
Rate Used for Calculation: 47.62

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date JULY 3, 1997

FORM 23-101 10-96

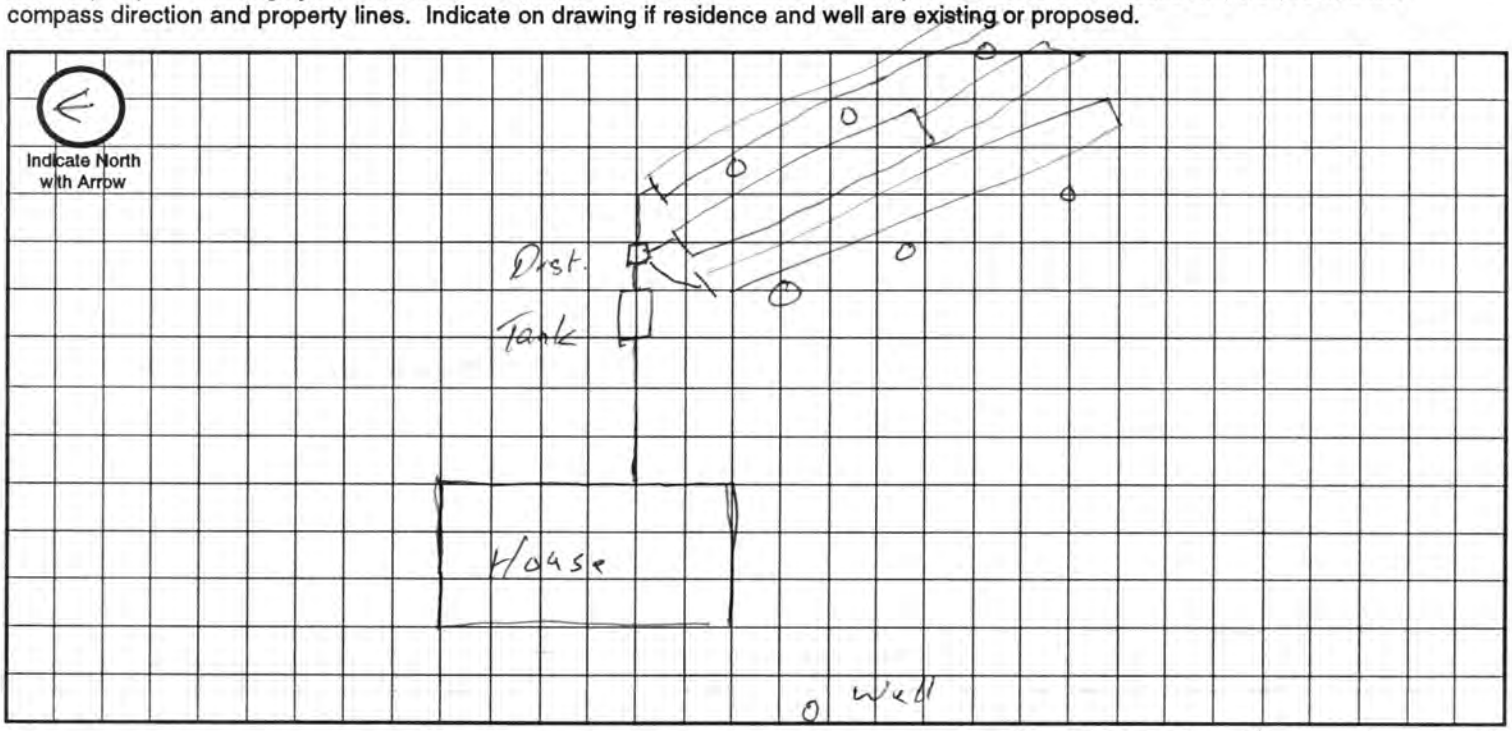
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

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: 8 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 16701 Ashland Rd City Ashland NE, Zip 68003

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 29.81 (min. per inch) Soil Type: CRETE SHARPSBURG SILTY CLAY LOAM Land Slope: 3 %

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

Total Square Feet of Field Required: 966 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 289 ft. Number of Trenches 3 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 Gina L. Jordan Date 6-30-97

Installer David H. Vogt Date 6-30-97

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: 97380160801

Sewage Disposal System

As Built Plans & Specifications

Installed By
Vogt T & T
560-4269

Date 7-14-97

System Location (Indicate correct number and street)

Address _____ (no rural route) City Ashland NE, Zip _____

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 59 ft.
4. Number of clean-outs: Inside
5. Distances to: well or suction line 100+ ft.
   stream 150+ ft.
   pressure line 50+ ft.
   property line 50+ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: One
2. Capacity: 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 16 in.
   Over outlet, diameter 9 in.
   Riser: ☐ above ☒ below grade ~~32~~ 1 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 32 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 50+ ft.
   Property line 50+ ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 7 ft.

D. Absorption Field

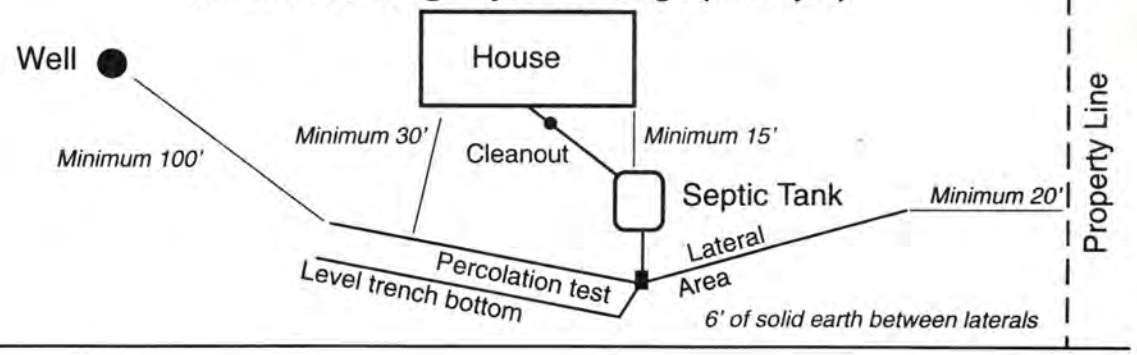
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 18"
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☒ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 76 ft. 76 ft.
   80 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 1 in/100 ft.
   Average depth 54 in
4. Filter material: Gravel
   Depth of material 26 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 50+ ft.
   Property line 25 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

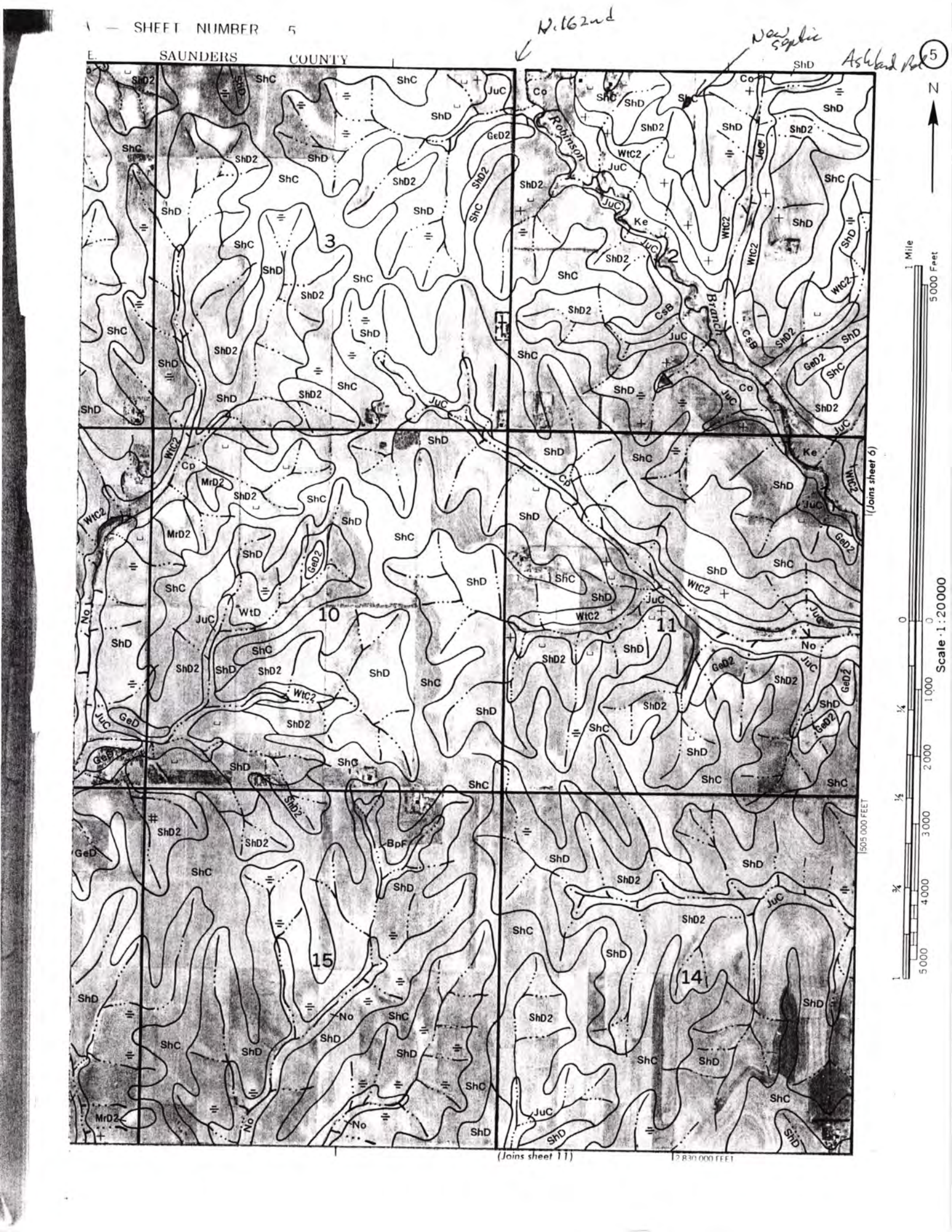
ALLIED SURVEYING AND MAPPING, INC.

6120 So. 58th St., Suite A Lincoln, Nebraska 68516

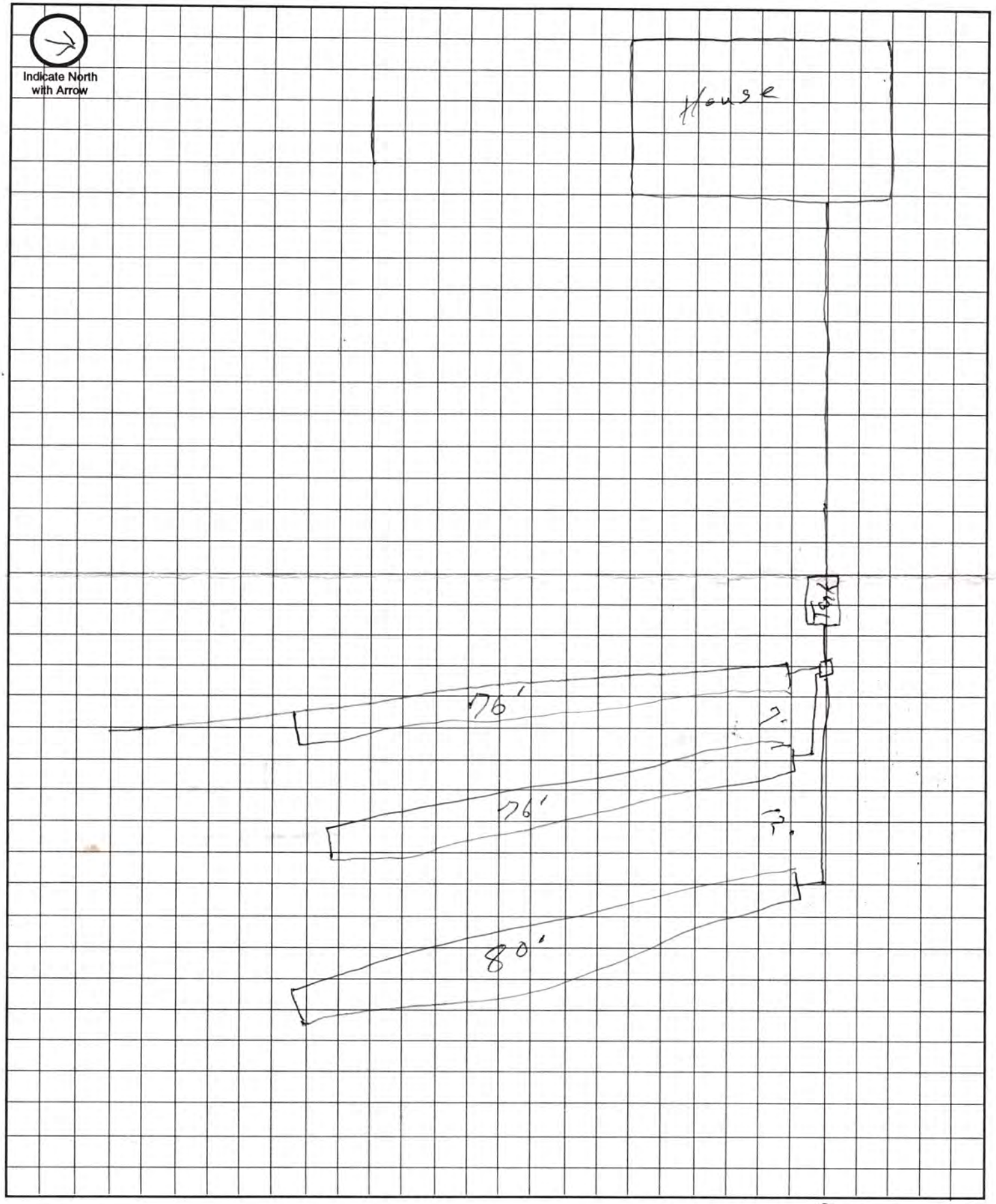
Telephone 402-434-2686
FAX 402-434-2687

LEGAL DESCRIPTION: (Parcel #1)

Beginning at the Northeast corner of the East One-Half of the Northwest Quarter of Section 2, Township 12 North, Range 8 East of the 6th P.M., Lancaster County, Nebraska, said point being also the Northeast corner of Lot 6 of Irregular Tracts. Thence in a Southerly direction on an assumed bearing of S 00° 24' 08" E on the East line of the East One-Half of the Northwest Quarter of said Section 2, said line being also the East line of Lot 6 of Irregular Tracts a distance of Two Thousand Six Hundred Ninety-Nine and Twenty-Three Hundredths (2,699.23) feet to the Southeast corner of the East One-Half of the Northwest Quarter of said Section 2. Thence S 00° 24' 18" E on the East line of said Lot 6 a distance of Five Hundred Forty-Three and Thirty-Two Hundredths (543.32) feet to the Southeast corner of said Lot 6. Thence N 43° 45' 10" W on the Southwesterly line of said Lot 6 a distance of Four Hundred Fifteen and Three Hundredths (415.03) feet. Thence in a Northerly direction on a bearing of N 00° 24' 08" W on a line parallel to the East line of the East One-Half of the Northwest Quarter of said Section 2 a distance of Two Thousand Nine Hundred Forty-Two and Seventy-Five Hundredths (2,942.75) feet to a point on the North line of the East One-Half of the Northwest Quarter of said Section 2, said point being also on the North line of said Lot 6. Thence N 90° 00' 00" E on the North line of the East One-Half of the Northwest Quarter of said Section 2 and on the North line of said Lot 6 a distance of Two Hundred Eighty-Four and Eighty-Nine Hundredths (284.89) feet to the Point of Beginning and containing a calculated area of 20.23 Acres more or less.


SHEET NUMBER 5
SAUNDERS COUNTY
N. 162nd
New Septic
Ashland Rd
5
N
Robinson
Branch
3
2
10
11
15
14
1 Mile
5000 Feet
Scale 1:20000
(Joins sheet 6)
(Joins sheet 11)
505 000 FEET
2 830 000 FEET

As Built Drawing



Approximate Scale: 5 ft. = 1 grid line/s