LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

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

NON TRANSFERABLE

PERMIT

Permit No. 97380159401

SEWAGE INSTALLATION
SEPTIC SYSTEM

Issued 06/16/97
Expires 12/16/97
Revenue Code 18754

Establishment
ANDY INGWERSON
5601 N 176 ST
LINCOLN NE 68527

FEES: $150.00

TOTAL $150.00

Permittee
ANDY INGWERSON
5601 N 176 ST
LINCOLN NE 68527

Issued By M. Jane Ford
Health Director

4820

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

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

A

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 5601 No. 176th Street (no rural route) City Lincoln, Nebr. NE, Zip

Legal Description NE 1/4 ~~NE~~ 1/4 2 Section 10N Township 8E Range 80 oc 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 Andy + Tammy Ingwerson Signature Andy Ingwerson

Address 5601 No. 176th City/State/Zip

☐ Check if owner designed system Home Phone 782-2999 Work Phone

C. Contractor

Name Andy Ingwerson Company Name

Address 5601 No. 176th City/State/Zip

☐ Check if contractor designed system Work Phone

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

Designer Name John Strohmyer Firm Excavating Inc. Work Phone 430-6023

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 6/16/97 Date frwd 6/16/97 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 6/16/97 Date frwd 6/16/97 **ACTION** ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 6/16/97 Date frwd 6/16/97 **ACTION** ☒ Approved ☐ Disapproved Signature

First of June, 1997

Installation Final Written Approval

By Ron Mayhew

Date 3-10-98

Business Office Use Only 3108

Date Rec'd 06/16/97

Amt Paid 150.00

Rec'd By

~~Cash~~/Check No. 8200

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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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 5601 No. 176th (no rural route) City Lincoln Nebr. NE, Zip

Owner Andy Ingwersen Addresss 5601 No. 176th St.

Soil Type (SCS): SHARPSBURG silty clay loam Percolation Rate: 30 min min./inch

Date of Tests 6/4/97 to 6/5/97 Weather: Precipitation Dry Temperature 78°

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	28"	6/4	10:AM	6/5	10:00	6/5	1:00	6	6/5	1:30	30	1¼	24 MIN/IN
2	30"	6/4	10:00	6/5	10:00	6/5	1:00	6	6/5	1:30	30	1⅛	27 MIN/IN
3	30"	6/4	10:00	6/5	10:00	6/5	1:00	6	6/5	1:30	30	1	30 MIN/IN
4	28"	6/4	10:00	6/5	10:00	6/5	1:00	6	6/5	1:30	30	¾	40 MIN/IN
5	30"	6/4	10:00	6/5	10:00	6/5	1:00	6	6/5	1:30	30	1⅛	27 MIN/IN
6	29"	6/4	10:00	6/5	10:00	6/5	1:00	6	6/5	1:30	30	1"	30 MIN/IN

Person Conducting Percolation Tests

Name: John S Tuchmyer
Phone: 430-6023
Address 6667 N.W. 48th
Lincoln, Nebr

Sum of Percolation Rates:
Average of Rates: 30 min
Rate Used for Calculation:

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hook R.E.H.S. Date JUNE 16, 1997

FORM 23-101 10-96

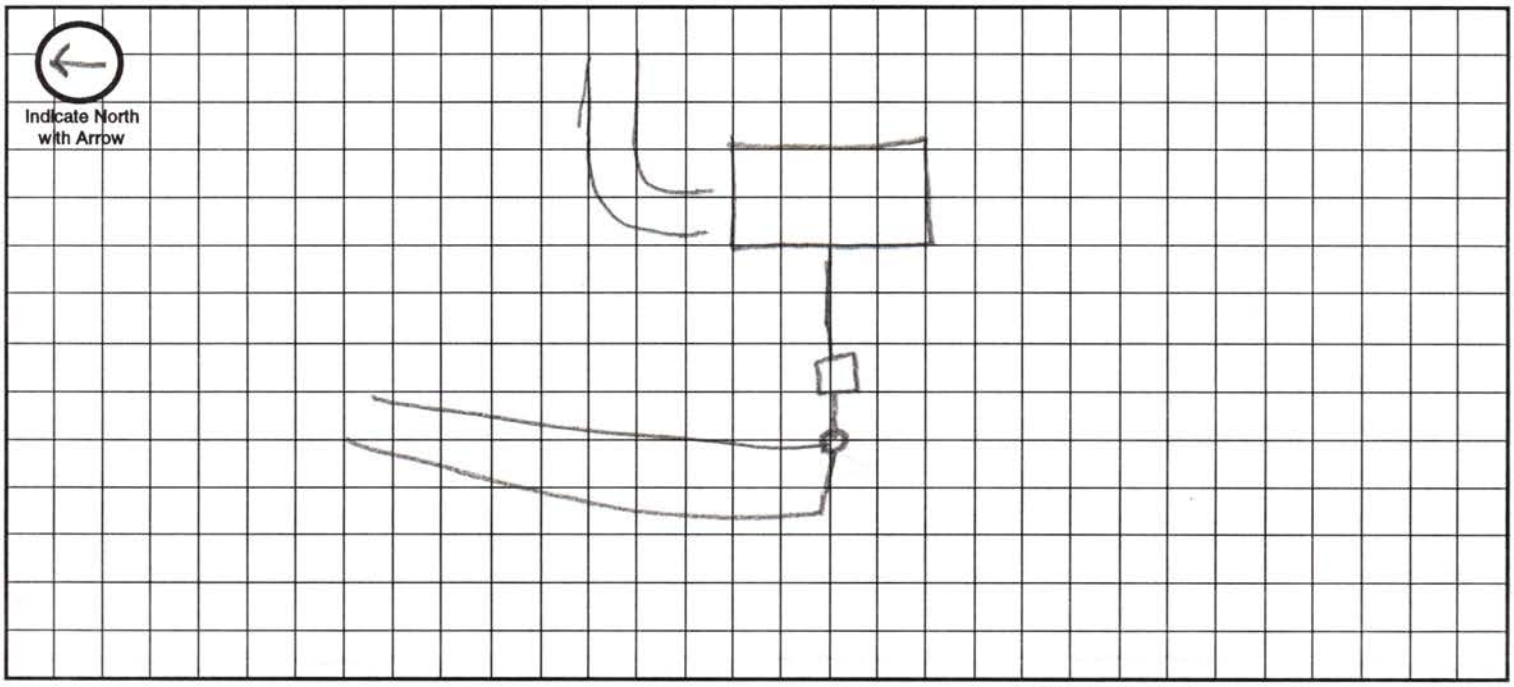
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 5601 No. 176th st. City Lincoln NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 30 min (min. per inch) Soil Type: SHARPSBURG SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 752 sq. ft.

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

Capacity of Septic Tank 1250 gals Number of Absorption Beds: 2 Number of Distribution Laterals per Bed 1

Total Length of Laterals 190' ft. Number of Trenches 2 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 Andy Ingverson Date 6/5/97

Installer John P. Thompson Date 6/5/97

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:

Sewage Disposal System

As Built Plans & Specifications

Date _____

System Location (Indicate correct number and street)

Address 5601 N. 176th (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: PVC sdr 35 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 40 in.
3. Distance between dwelling and septic tank: 111 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 100+ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter _____ in.
   Riser: ☑ above ☐ below grade 2 in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 18 in.
8. Distances to: Well or suction line 100'+ ft.
   Stream " ft.
   Pressure line " ft.
   Property line " ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 6
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

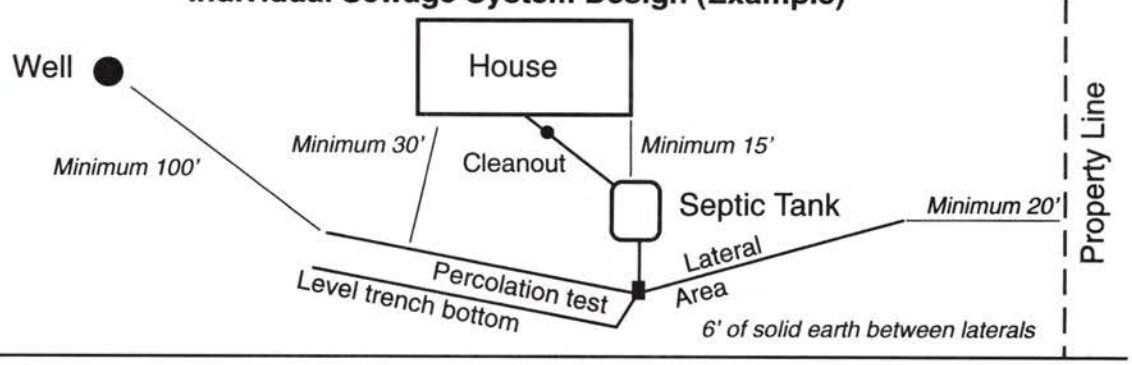
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 16" directly on trench bottom
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other Poly In Filtrator
2. Lateral lines: Number 2
   Length of each line: 100' ft. 100' ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 1" in/100 ft.
   Average depth 28" in
4. Filter material: Road Gravel
   Depth of material 20 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

Indicate North with Arrow

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

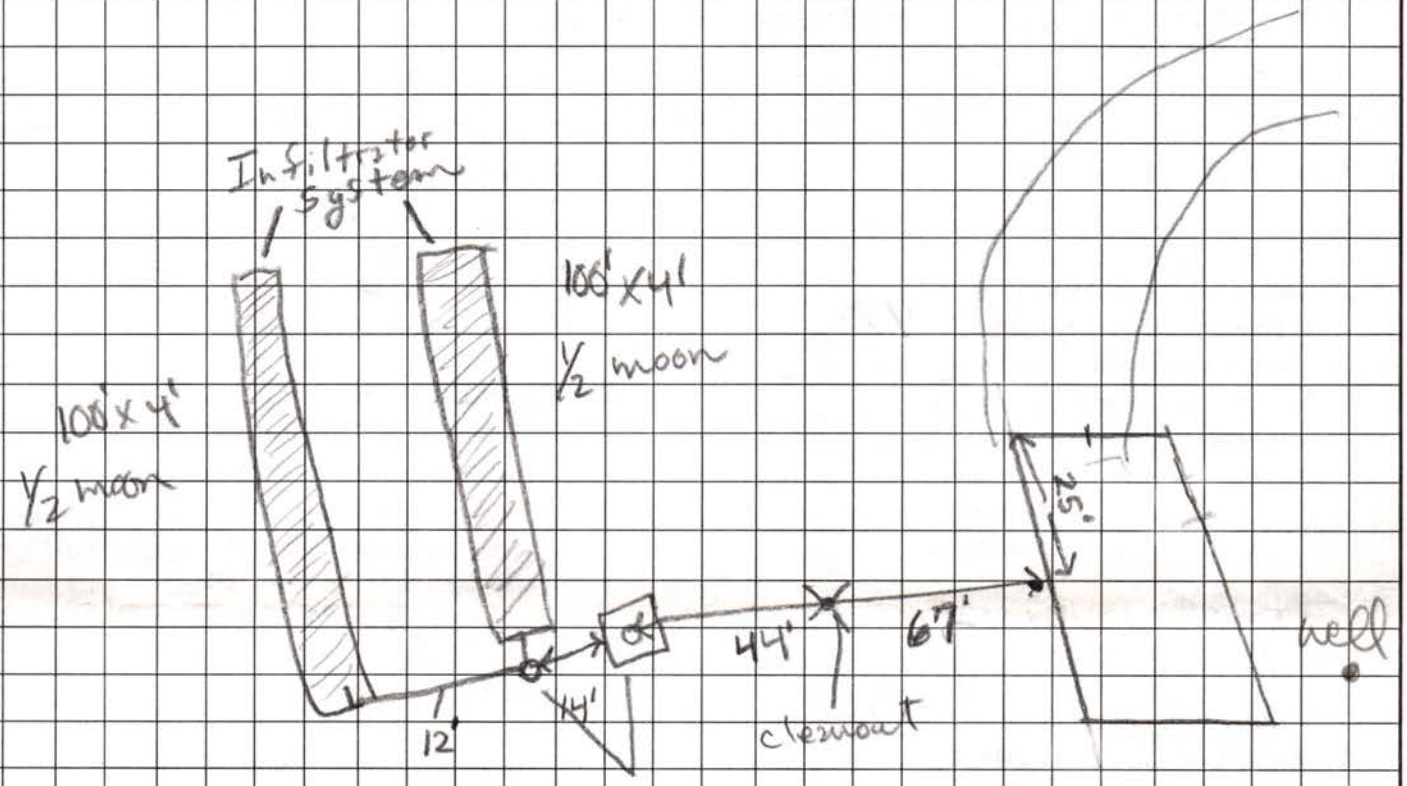
Individual Sewage System Design (Example)



As Built Drawing

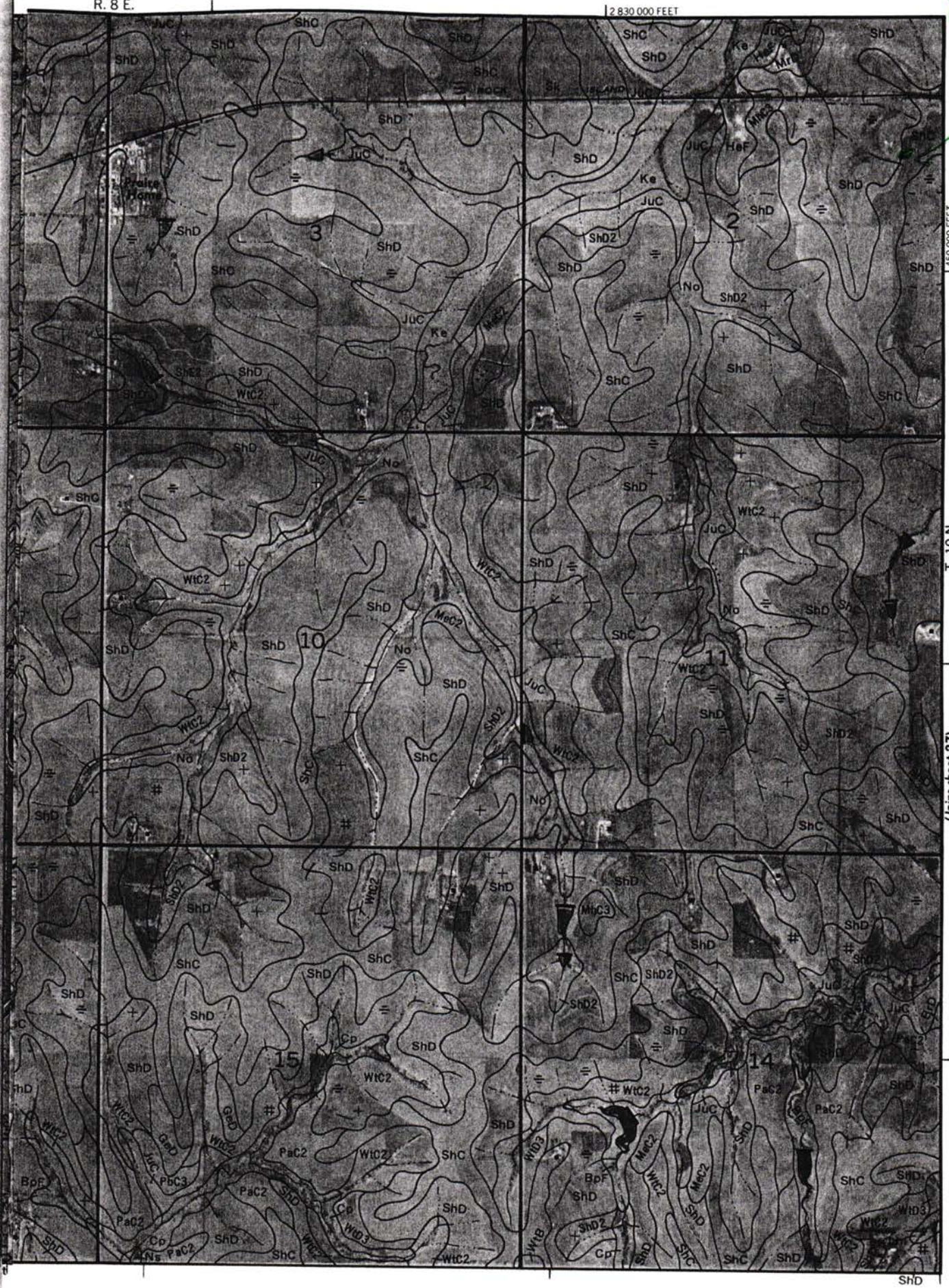
Flecther

Indicate North with Arrow



17th St.

Approximate Scale: _____ft. = _____ grid line/s



Flatsby

5601
No. 176

New septic

No. 176