LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

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

NON TRANSFERABLE

PERMIT

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

No. 99380197201

Issued 04/23/99
Expires 10/23/99
Revenue Code 3157

FEES: $150.00

PAID

TOTAL $150.00

Establishment

PAT & WANDA ISAACSON
T12N R5E SEC 14 QTR NE
LOT 8IR
20801 NW 70 ST--RAYMOND

Permittee

PAT & WANDA ISAACSON
20801 NW 70 ST
RAYMOND NE 68428

Issued By Health Director
Lincoln-Lancaster County Health Department

009158

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: 99380/972

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 20801 NW 70th (no rural route) City Raymond, NE. NE, Zip 68428

Legal Description NE Quarter Section 14 Township 12 Range 5E Lot 8IR
1/4 1/4 Section Township Range Subdivision Addition Block Lot

Agrew Township

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name James Pat and Wanda Isaacsen Signature Wanda K. Isaacsen

Address 20801 NW 70th City/State/Zip Raymond, NE 68428

☐ Check if owner designed system Home Phone 402-783-3003 Work Phone 402-441-2184

C. Contractor

Name Steve Marshall Company Name M & W Const.

Address P.O. Box 91 City/State/Zip WESTON, NE. 68070

☑ Check if contractor designed system Work Phone (402) 642-5788

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 4-21-99 Date frwd 4-21-99 ACTION ☒ Approved ☐ Disapproved Signature Ron Thompson
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 4/22/99 Date frwd 4/22/99 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 04/22/99 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature

Installation Final Written Approval

By Paul W Thomas

Date 12-7-99

Business Office Use Only

Date Rec'd 04/22/99

Amt Paid 150 ck

Rec'd By LS Cash/Check No. 4512

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: 9938019 72

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 20801 NW 70th (no rural route) City Raymond, NE NE, Zip 68428

Owner James Patrick and Wanda clsaneson Addresss 20801 NW 70th Raymond, NE

Soil Type (SCS): SiLT Percolation Rate: 7.32 min./inch

Date of Tests 4/1/99 to 4/3/99 Weather: Precipitation 0 Temperature 50°

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"	4/1	2:PM	4/2	8:AM	4/3 AM	9:05 AM	12"	4/3	9:25	20	4	5
2	30"	4/1	2:PM	4/2	8:AM	4/3	9:05	12"	4/3	9:25	20	2	10
3	30"	4/1	2:PM	4/2	8:AM	4/3	9:05	12"	4/3	9:25	20	3	6.6
4	30"	4/1	2:PM	4/2	8:AM	4/3	9:05	12"	4/3	9:25	20	4	5
5	30"	4/1	2:PM	4/2	8:AM	4/3	9:05	12"	4/3	9:25	20	2	10

Person Conducting Percolation Tests

Name: Steve Woodruff DBA M&W Const
Phone: 402-642-5788
Address PO Box 91
WESTON, NE, 68070

Sum of Percolation Rates: 36.6
Average of Rates: 7.32 mpi
Rate Used for Calculation:

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-96

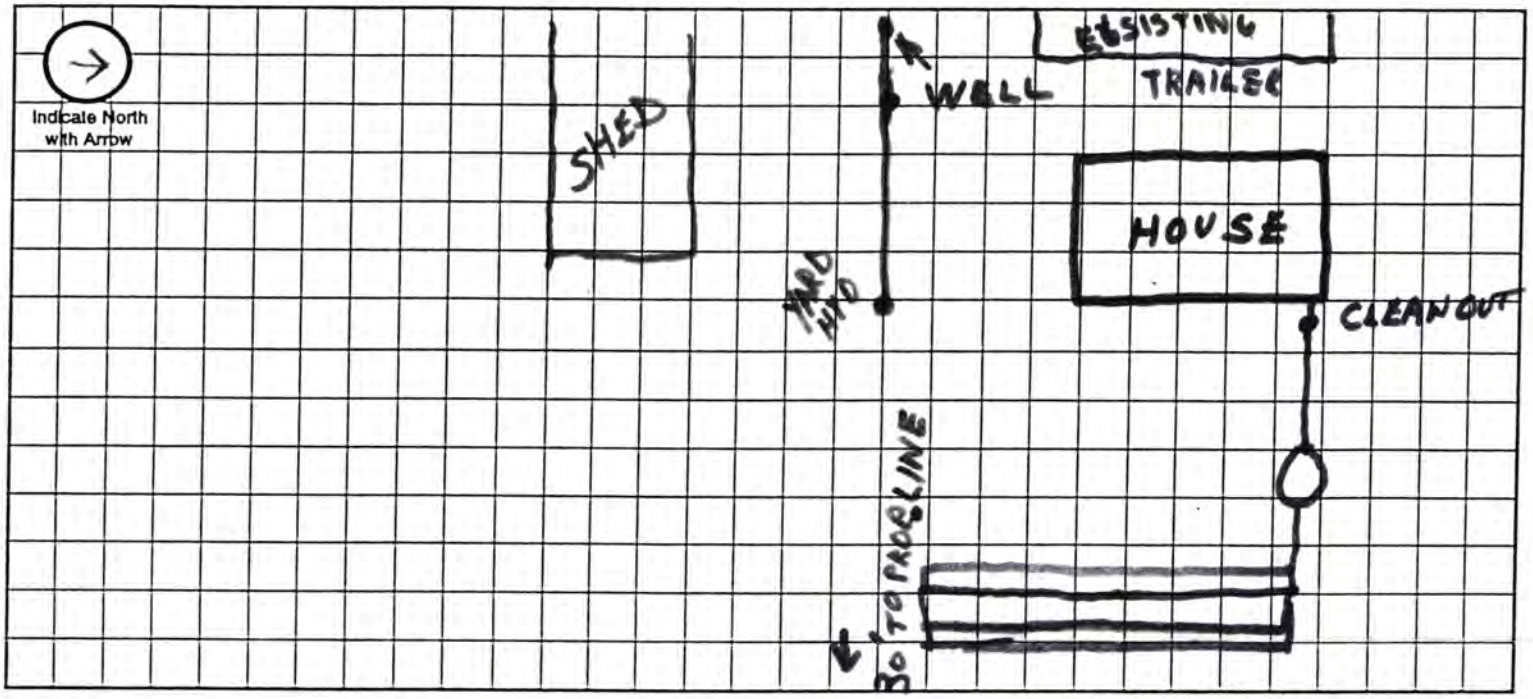
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 99801972

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: 10 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 20801 NW 70th City Raymond, NE NE, Zip 68428

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other 1,500 GAL

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

Percolation Rate 7.32 (min. per inch) Soil Type: SILT Land Slope: 1 %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other

Total Square Feet of Field Required: 480' sq. ft.

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

Capacity of Septic Tank 1,500 gals Number of Absorption Beds: Number of Distribution Laterals per Bed

Total Length of Laterals 180 108' 72' ft. Number of Trenches 2 2 Trench Width 5' 4' 3ft = 144 sq ft.

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 ☑ NA	50 ☑	NA ☑	25 ☑	20 ☑	15 ☑	25 ☑	☑
Field (ft)	100 ☑	500 ☑ NA	50 ☑	4 ☑	30 ☑	20 ☑	30 ☑	40 ☑	☑
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor Date

Installer Steve Nordwall DBA M&W Const Date 3/19/99

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: 993801972

Sewage Disposal System

As Built Plans & Specifications

Date 11/19/99

System Location (Indicate correct number and street)

Address 20801 NW 70TH (no rural route) City RAYMOND NE, Zip 68428

A. Building Sewer

1. Material: PLASTIC SCH. 40
   Diameter: 4" in.
2. Distance above basement floor: ~~18"~~ in.
   or distance below basement floor: 18" in.
3. Distance between dwelling and septic tank: 70 ft.
4. Number of clean-outs: 0
5. Distances to: well or suction line 125' ft.
   stream NA ft.
   pressure line 100 ft.
   property line 30' ft.

B. Septic Tank

1. Material: CONC.
   Number of compartments: 1
2. Capacity: 1,500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 8" in.
   Over outlet, diameter 8" in.
   Riser: ☐ above ☒ below grade ~~38~~" 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 170 ft.
   Stream NA ft.
   Pressure line 60 ft.
   Property line 50 ft.

C. Distribution Box

1. Material: CONC
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 17.5 ft.

D. Absorption Field

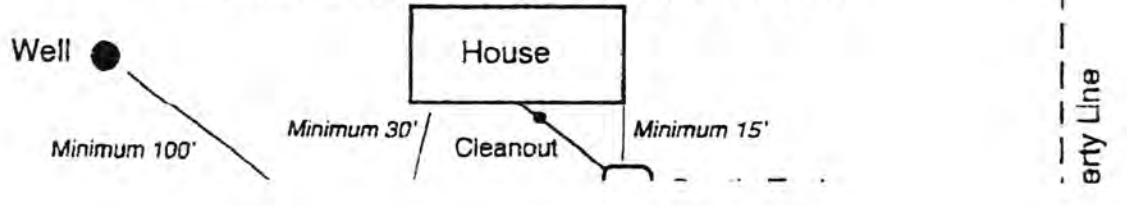
(Provide as-built drawings on back of this form)

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: 70 ft. 70 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 5 ft.
   Slope 1 in/100 ft.
   Average depth 36 in
4. Filter material: GRAVEL
   Depth of material 22 in.
5. Distances to: Well or suction line 120 ft.
   Stream NA ft.
   Pressure line 50 ft.
   Property line 25 ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)

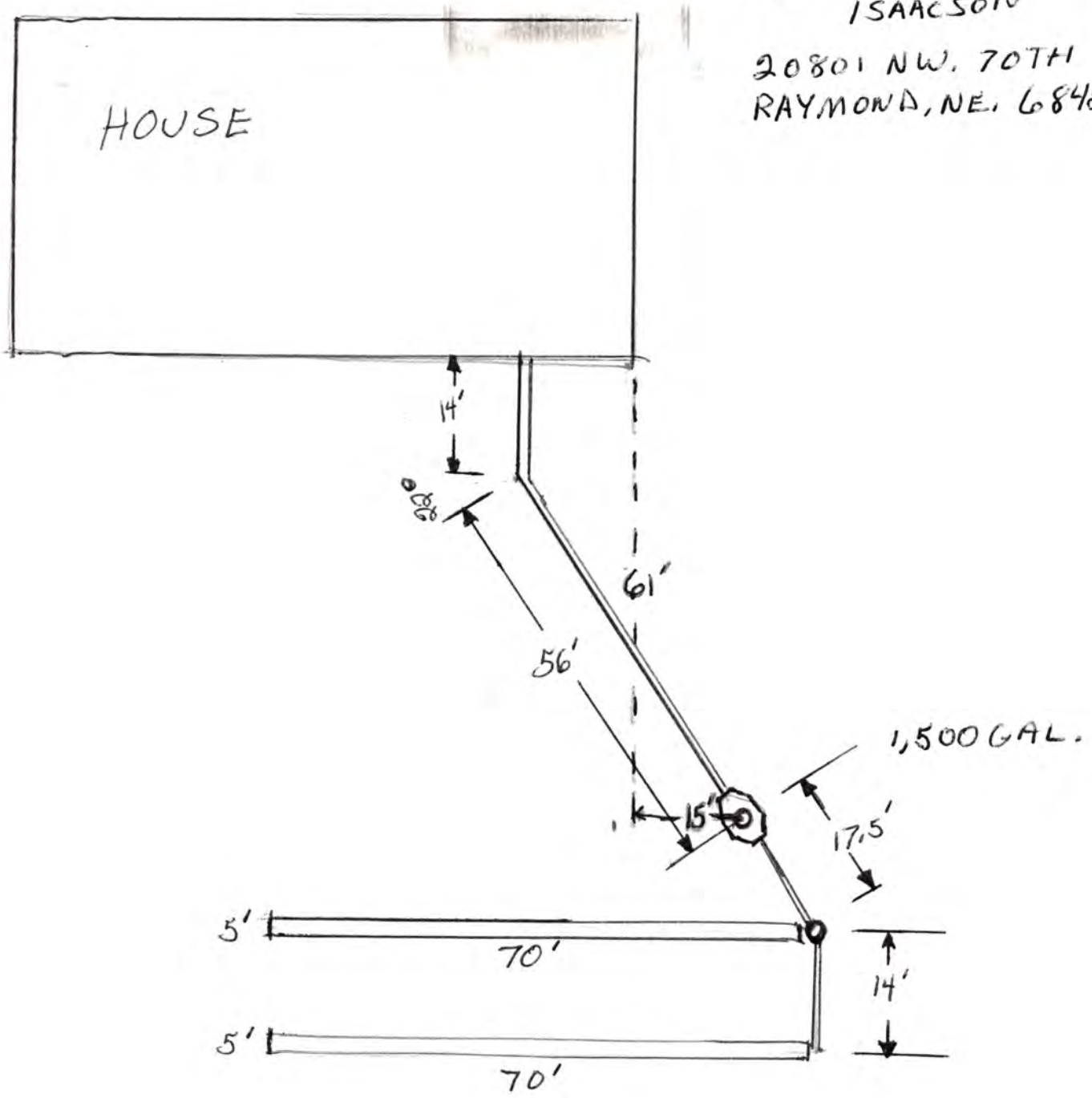


11-19-99 A lot of rock was noted in trenchings.
Rock if from old church parking lot. Paul Dootzman
R.C.45.

• WELL

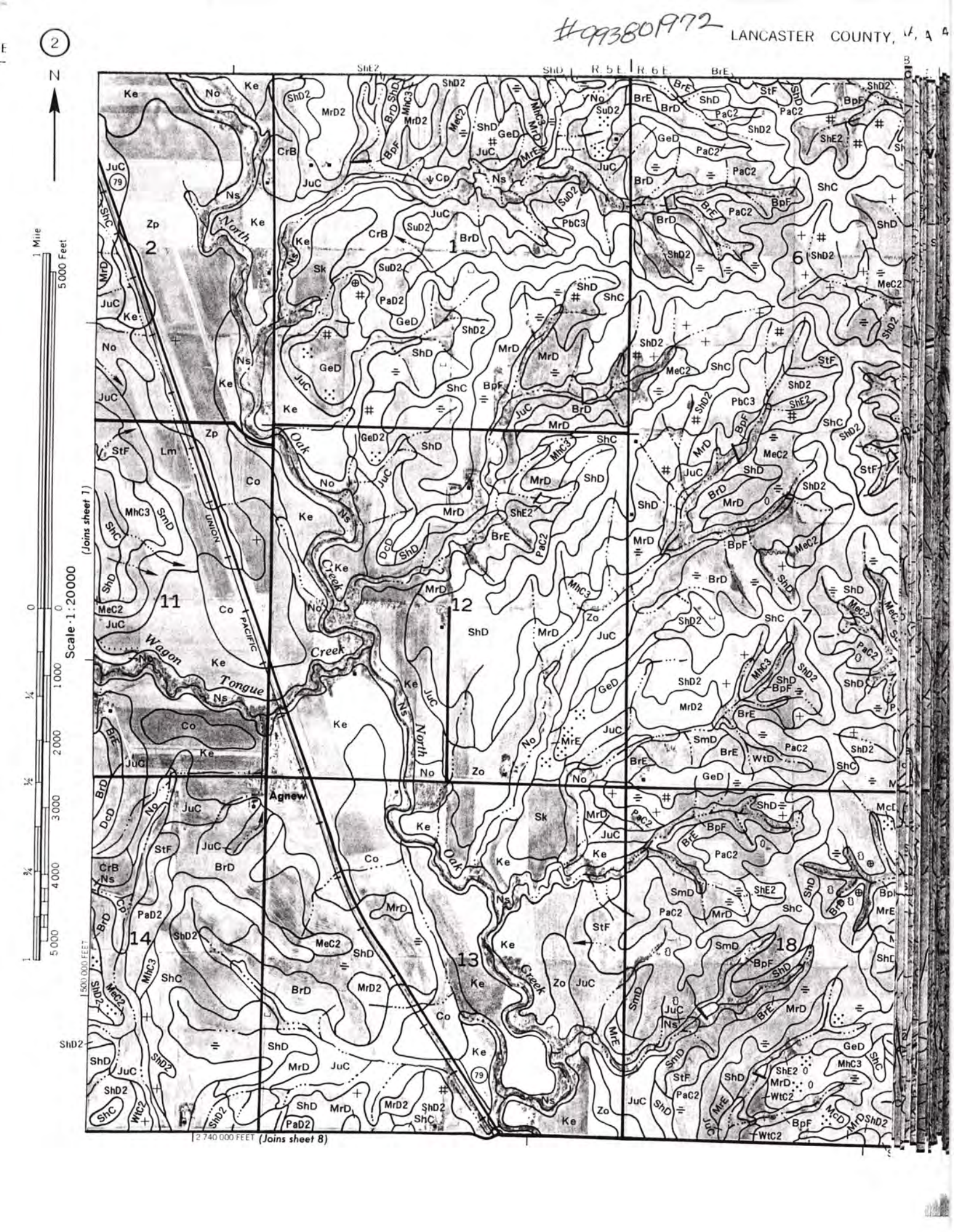
JAMES. PAT AND WANDA ISAACSON

20801 NW. 70TH
RAYMOND, NE. 68428



N

#99380972 LANCASTER COUNTY, NEBRASKA



#9938019?2



This map displays floodway and floodplain information for the City of Lincoln and Lancaster County, Nebraska. The flood information was digitized by the Lincoln City - Lancaster County Planning Department from printed maps prepared for the National Flood Insurance Program (NFIP). This program is sponsored through the Federal Emergency Management Agency (FEMA) and the Federal Insurance Administration (FIA).

Approximately forty map panels from two separate NFIP map series were used in the digitizing process: (1) "Floodway: Flood Boundary and Floodway Map; and (2) FIRM: Flood Insurance Rate Map." The map panels varied in scale, though most were typically one inch equals 1000 ft. or one inch equals 2000 ft. In all cases the most current maps available to staff were used.

As noted on the map originals, the boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations based on FEMA regulations. The map originals were prepared to facilitate flood plain management activities only; they may not show all areas subject to flooding in the community or all planimetric features outside of the flood plain.

Please note that this map is not intended to replace the "Floodway" and "FIRM" map panels used in the digitizing process. All effort was made to represent as accurately as possible the original map panels. However, the scale and probable accuracy of the Floodway and FIRM maps, taken in tandem with the digitizing process, should be carefully weighed before applying the information displayed on the map. This map should not be used as a substitute for the printed NFIP maps.

There are no maps available for some of the incorporated towns. Therefore a one mile jurisdictional boundary has been shown on the map and flood details are shown up to that boundary. There also may be an apparent inconsistency between details on adjoining map panels eg. Waverly. In these instances the maps were digitized as provided and no attempt was made to correct the discrepancy.

Figure 20
Lancaster County Flood Map

Miles
0 5 10

Lincoln City/Lancaster County
Comprehensive Plan

- Floodway
- 100 Year Flood Zone
- 500 Year Flood Zone
- Lincoln Year 2015 Service Limit

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

2200 St. Marys Avenue Phone (402) 471-780

ORIGINAL LOAN APPROVAL FILE
PREVIOUS HISTORY UNKNOWN

REAL ESTATE TRANSFER / LO

This form must be completed and returned to request a real estate transfer inspection.

MAKE CHECKS PAYABLE TO: Lincoln-Lancaster County Health Department.

☒ Evaluation of the Individual Water System Date: _____

☒ Evaluation of the Sewage Disposal System ☒ Enclosed is $75.00 #150.00

Legal Description of Property: TWP. 11N; RANGE 5E; SECTION 14; BLOCK ____

LOT ____; ADDITION _____; Street Address 20801 N.W. 70th Agnew, Ne.

Directions to Property _____

Location of Well S.W. of House 68' Deep "1987" Tap Location: Inside ☐ Outside ☒

Location of Sewage System NW Corner of House Laterials E&W Year Installed 1981

	NAME	ADDRESS	PHONE
Present Owner:	Doug & Julie Young	Agnew, Ne	
Tenant/Buyer:	David J & Kimberly Pelster	Davey, Nebr.	
Return to:	Windmill Realty, Inc.	530 N. Broadway Wahoo, Ne. 68066	443-3199

NOTE: Allow two weeks for processing. Incomplete information will delay processing.

Signature of Applicant X Doug Young Address _____

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HEALTH DEPARTMENT USE ONLY #150.00

Date Received APRIL 5, 1990 Received $75.00 Check ☒ Cash ☐

PRELIMINARY STATUS--DATE 4-6-90

WATER SYSTEM:	Approved	Disapproved	SEWAGE SYSTEM:		SITE VISIT:
Construction	☒	☐	Approved:	☐	Date 4-6-90 by mm
Bacteria	☒	☐	Provisional:	☐	Date _____ by ____
Nitrate	☒ < 1	☐	Disapproved:	☐	Date _____ by ____

Comments: Evidence of possible subsurface lateral failure north of house. A burn barrel present northwest of house. Health Dept recommends not to burn refuse at a residence. See Attached Letter ☐

FINAL STATUS

WATER SYSTEM:	SEWAGE DISPOSAL SYSTEM:	
Approved: ☒	Approved: ☐	Provisional Approval: ☒

APPROVED BY Ron Margrave DATE 4-13-90

Approval or disapproval is based on written standards for construction, location and water quality. Inspection is based on visible construction and operation at the time of inspection. Approval or provisional approval does not imply or express a guarantee of system operation. WELLS - Nebraska Safe Drinking Water Act,
- Standards for A Private Well in Nebraska

FG.4120 INDIVIDUAL SEWAGE SYSTEMS - County Resolution #2832