LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

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

NON TRANSFERABLE

PERMIT

Permit No. 98380176901

SEWAGE INSTALLATION
SEPTIC SYSTEM

Issued 05/29/98
Expires 11/29/98
Revenue Code 3157

PAID

Establishment

BRIAN & JULIE BURNS
T11N R7E SEC 9
LOT 31IT
12909 N 70 ST-WAVERLY

FEES: $150.00

TOTAL $150.00

Permittee

BRIAN & JULIE BURNS
12909 N 70 ST
WAVERLY NE 68462

Issued By Health Director
Lincoln-Lancaster County Health Department

007411

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

156

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 12909 N 70th (no rural route) City Waverly NE, Zip 68462

Legal Description NW ¼ # ¼ 9 Section 11N Township 7E Range ____ Subdivision 30 Addition I.T. 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 Brian and Julie Burns Signature Brian J. Burns

Address 12909 N 70th City/State/Zip Waverly Nebraska 68462

☐ Check if owner designed system Home Phone 786-2220 Work Phone ____

C. Contractor

Name Fulton Construction Company Name Fulton Construction - Steve Fulton

Address 4012 S 83rd City/State/Zip Lincoln Ne 68506

☐ Check if contractor designed system Work Phone 402 489-7117

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

Designer Name Larry Schwarck Firm Schwarck Trench Work Phone 489-7294

E. This System Will Serve a

☑ Residential Dwelling Number of Bedrooms 4 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 5/6/98 Date frwd 5/6/98 ACTION ☒ Approved ☐ Disapproved Signature Gerald C. Hoel
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5/6/98 Date frwd 5/6/98 ACTION ☒ Approved ☐ Disapproved Signature [signature]
3. **City or County Engineer** Date rec'd ____ Date frwd ____ ACTION ☒ Approved ☐ Disapproved Signature Jim Blaugh

4-17-98 mm

Installation Final Written Approval

By Ron Mayer

Date 6-8-98

Business Office Use Only

Date Rec'd 05/05/98

Amt Paid 150 ck

Rec'd By ____ ~~Cash~~/Check No. 5119

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 12909 N 70th (no rural route) City Waverly NE, Zip

Owner Brian and Julie Burns Address 12909 N 70th Waverly Ne

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

Date of Tests 2-25 to 2-26-98 Weather: Precipitation — Temperature 40°

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	2-25	9:10	7:15	2-26	2-26	9:45	10 1/4		10:15	30	3/4	40
2								10 1/4				1/4	24
3								13 1/4				1/4	24
4								13				1	30
5								12 1/4				3/4	40
6								13 1/2				1/4	24
7								16 1/2				1	30
8								18				1/4	24

Person Conducting Percolation Tests

Name: Larry Schwaneke

Phone: 489-7294

Address 8200 Old Cheney Rd.

Sum of Percolation Rates: 236

Average of Rates: 29.5

Rate Used for Calculation: 30

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

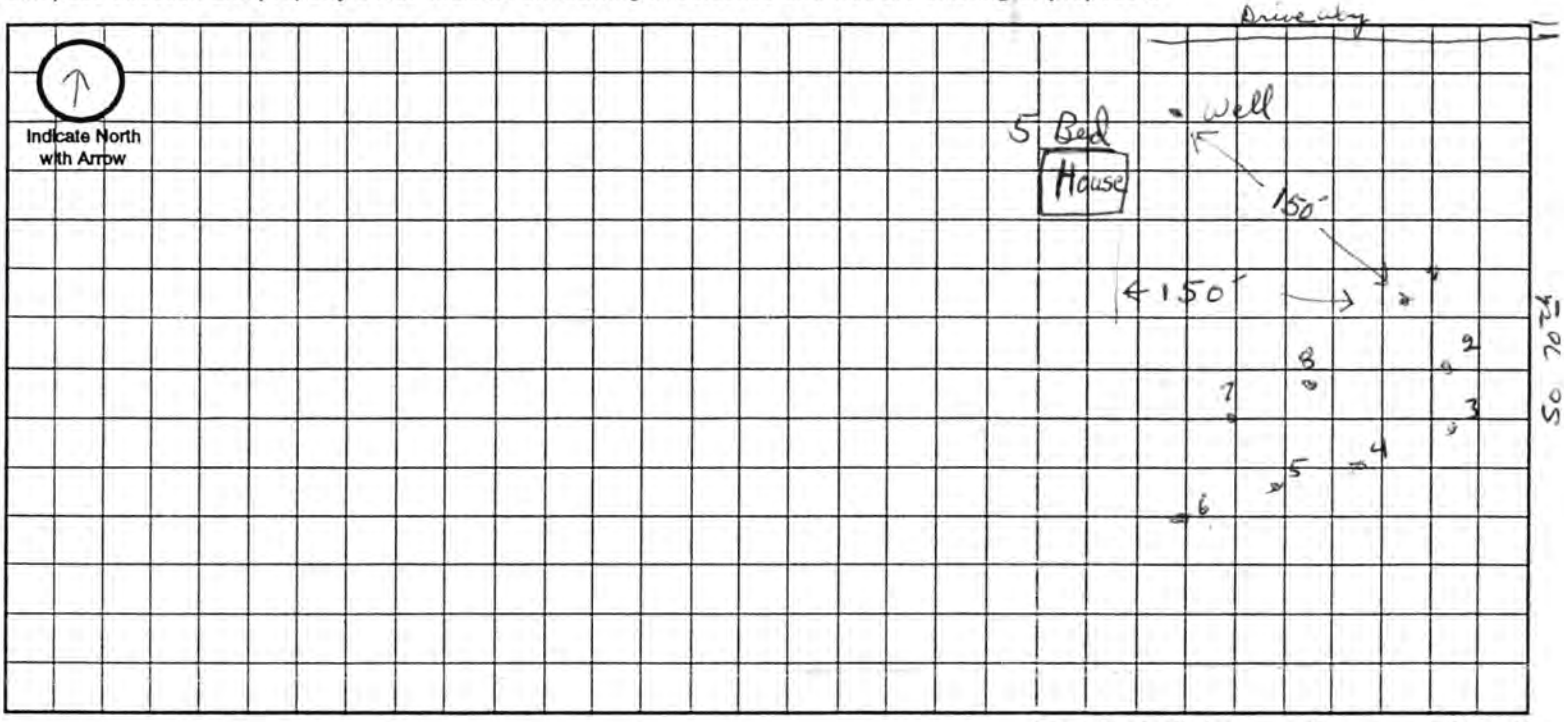
C

Permit Number:

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) 12909 No 70th City Waverly 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. per inch) Soil Type: Silty Clay Loam Land Slope: 2% %

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

Total Square Feet of Field Required: 1250 sq. ft.

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

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 420 ft. Number of Trenches 5 Trench Width 3'

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 Fulton Construction Inc. By _____ Date 2-

Installer Larry Schwanck Date 2-26-98

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 4 - 17 - 98

System Location (Indicate correct number and street)

Address 12909 No 70th (no rural route) City Lincoln NE, Zip

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 18" in.
3. Distance between dwelling and septic tank: 183 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line ____ ft.
   stream ____ ft.
   pressure line ____ ft.
   property line ____ ft.

B. Septic Tank

1. Material: Precast
   Number of compartments: ____
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter ____ in.
   Over outlet, diameter ____ in.
   Riser: ☐ above ☐ below grade ____ in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 10 in.
8. Distances to: Well or suction line ____ ft.
   Stream ____ ft.
   Pressure line ____ ft.
   Property line ____ ft.

C. Distribution Box

1. Material: Precast
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 11' ft.

D. Absorption Field

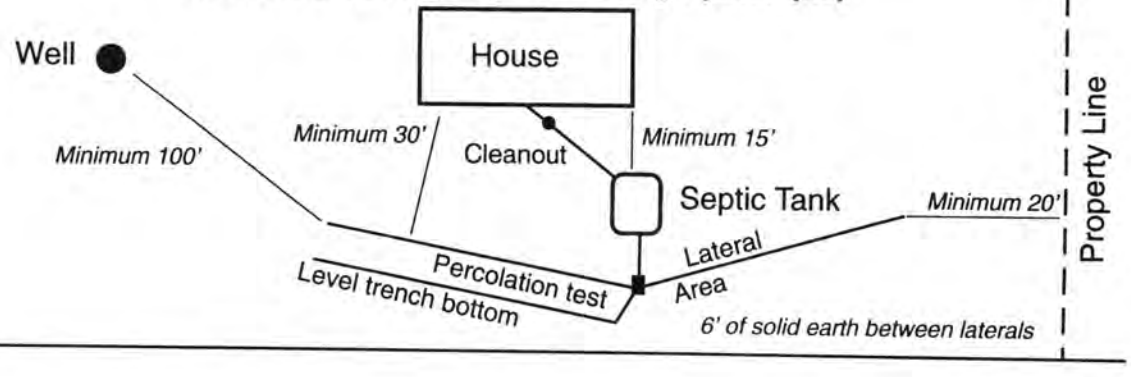
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☒ Perforated pipe
   Diameter of half round: 4
   or perforated pipe: ____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 5
   Length of each line: 100 ft. 100 ft.
   100 ft. 60 ft., 60 ft.
3. Trench dimensions: Width 3 ft.
   Slope 2 in/100 ft.
   Average depth 32 in
4. Filter material: Rock Gravel
   Depth of material 16 in.
5. Distances to: Well or suction line ____ ft.
   Stream ____ ft.
   Pressure line ____ ft.
   Property line ____ ft.

Indicate North with Arrow

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

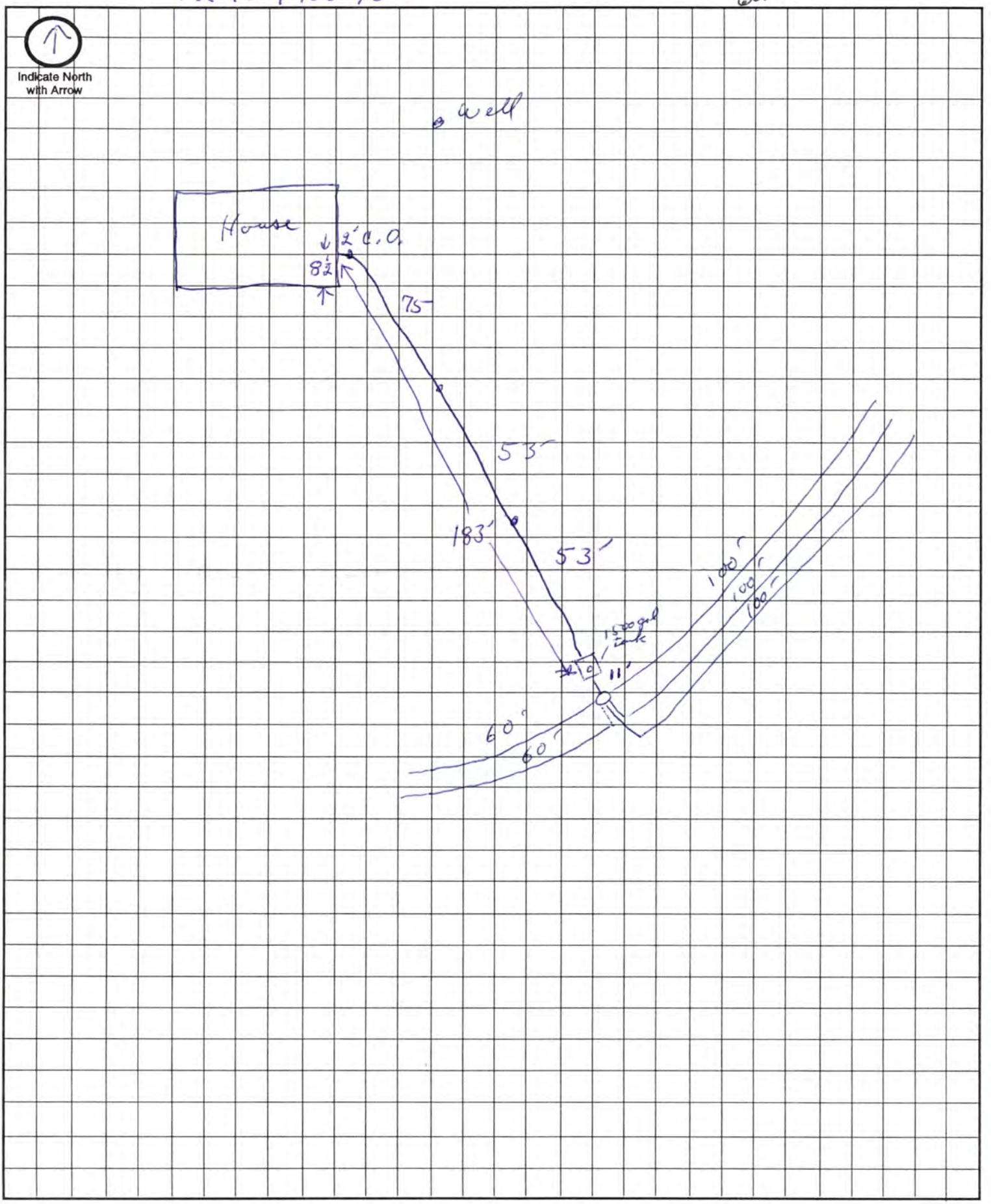
Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing by Larry Schwarck

12909 No 70th ± 9-11-7 T R 4-17-98 20th Well by Folton Constr.



Approximate Scale: _____ ft. = _____ grid line/s

HH8349

SHEET 1 OF 2

SURVEY RECORD

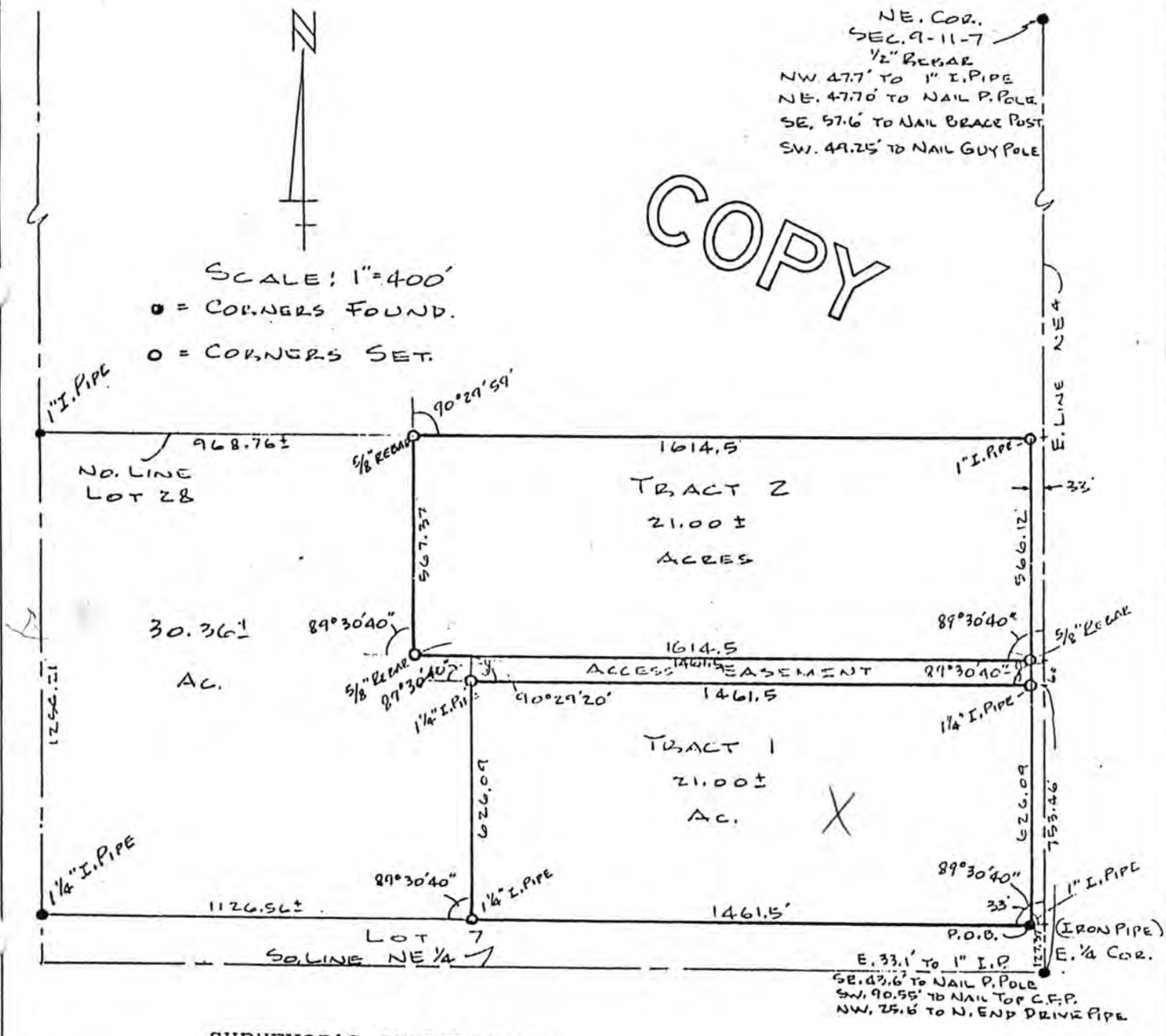
LANCASTER COUNTY, NEBRASKA

Survey of _____

NE ¼ Section 9 T. 11 N., R. 7 E. of 6th P.M.

County Survey No. _____

Date Nov. 11 - Dec. 12 19 87 Weather _____



SURVEYOR'S CERTIFICATE

I hereby certify that, to the best of my ability, I have accurately surveyed the property in the above plat. All dimensions are in feet and decimals of a foot and are chord measurements unless otherwise noted.

RECEIVED
FEB 10 1988
LANCASTER COUNTY
ENGINEERING DEPT.

PAUL E. KASL
SURVEYOR L.S. – 246
3101 LOVELAND DRIVE
LINCOLN, NEBRASKA 685

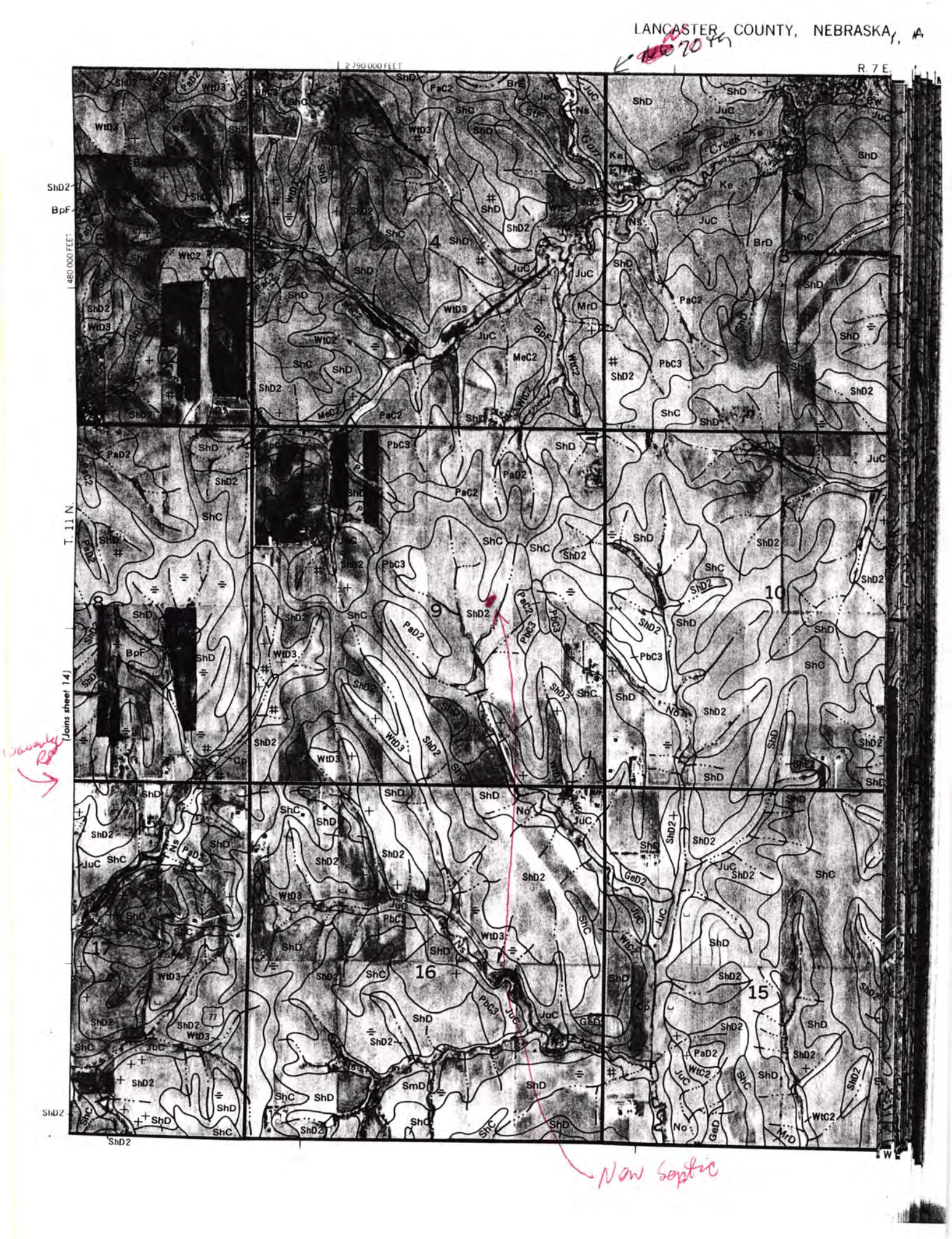
NEBRASKA REGISTERED LS-246 LAND SURVEYOR PAUL E. KASL

RECEIVED
JAN 20 1988
SURVEY RECORD REPOSITORY
S. _____ County

Signed this 13TH day of DEC. 1987

Name Paul Kasl

LAND SURVEYOR'S SEAL


LANCASTER COUNTY, NEBRASKA
2,790,000 FEET
R. 7 E.
480,000 FEET
T. 11 N.
(Joins sheet 14)
Now Septic
ShD2
BpF
ShD
ShC
WtD3
PaD2
PbC3
PaC2
JuC
Ns
Ke
WtC2
MeC2
BrD
PbC
MrD
GeD2
SmD
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4
3
8
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