Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

002770

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380265801

Issued 06/17/03
Expires 12/17/03
Revenue Code 3157

Establishment: DOUG MANTON
T11N R6E SEC 16
LOT 9IT
10630 NW 27 ST

FEES: $200.00

Permittee: DOUG MANTON
2329 BRADFIELD DR
LINCOLN NE 68502

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

A

Permit Number: 03380265801

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 10630 NW 27. (no rural route) City Lincoln. NE, Zip 68524

Legal Description Sec. 16 T11N R6E 9 I.T.
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 Doug MANTON Signature X Doug Manton

Address 2329 BRADFIELD DR City/State/Zip LINCOLN 68502

☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name Lloyd J. Jakoubek Company Name Lloyd J. Jakoubek Raymond Cont.

Address 12800 City/State/Zip Raymond NE 68428

☒ Check if contractor designed system Work Phone 890-6009.

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 1 Is there a Whirlpool Bathtub YES (NO)

☐ Commercial Establishment/Other Facility Specify SUPPLEMENTRY CABIN

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 6/17/03 Date frwd 6/23/03 ACTION ☒ Approved ☐ Disapproved Signature Jerold Hood
   9-15-03, need drawing
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 6-23-03 Date frwd 6-23-03 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 6-23-03 Date frwd 6-23-03 ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By _____

Date 9-18-03

Business Office Use Only

Date Rec'd 06/17/03

Amt Paid 200 ck

Rec'd By _____ Cash/Check No. 4953

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: 03501658

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

16-11-6

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 10630 NW 27th St (no rural route) City Raymond NE, Zip NE 68428

Owner Doug Manton Addresss 2329 Bradfield Dr. Lincoln NE 68502

Soil Type (SCS): ~~10E3~~ Percolation Rate: _____ min./inch

Date of Tests 7/23/03 to 7/24/03 Weather: Precipitation D Temperature _____

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	7/23	11:00A	7/23	3:00p	7/24	8:30A	6	7/24	12:30p	30	3 1/4	3.25	9.2
2	32	7/23	11:00A	7/23	3:00p	7/24	8:30A	6	7/24	12:30p	30	2 3/4	2.75	10.9
3	30	7/23	11:00A	7/23	3:00p	7/24	8:30A	6	7/24	12:30p	30	1 5/8	1.63	18.4
4	27	7/23	11:00A	7/23	3:00p	7/24	8:30A	6	7/24	12:30p	30	3	3	10
5	28	7/23	11:00A	7/23	3:00p	7/24	8:30A	6	7/24	12:30p	30	3 3/4	3.75	8
6	30	7/23	11:00A	7/23	3:00p	7/24	8:30A	6	7/24	12:30p	30	1"?	1.50	20
		~~D~~												
												76.5 ÷ 6 = 12.75		
												210 ÷ 4 = 52.5		

Person Conducting Percolation Tests

Name: Terri Jakoubek - Raymond Contracting

Phone: 402-890-3870

Address 12800 NW 70th St

Raymond NE 68428

Sum of Percolation Rates: 17.6

Average of Rates: 13 min

Rate Used for Calculation: _____

1000 gallon Tank.
52.5' 4' wide Trench.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks Appears to be Dickenson Sandy loam or Fairbanks

Signature of Reviewing Official Ron Magnuson Date 7-25-03

FORM 23-101 10-96

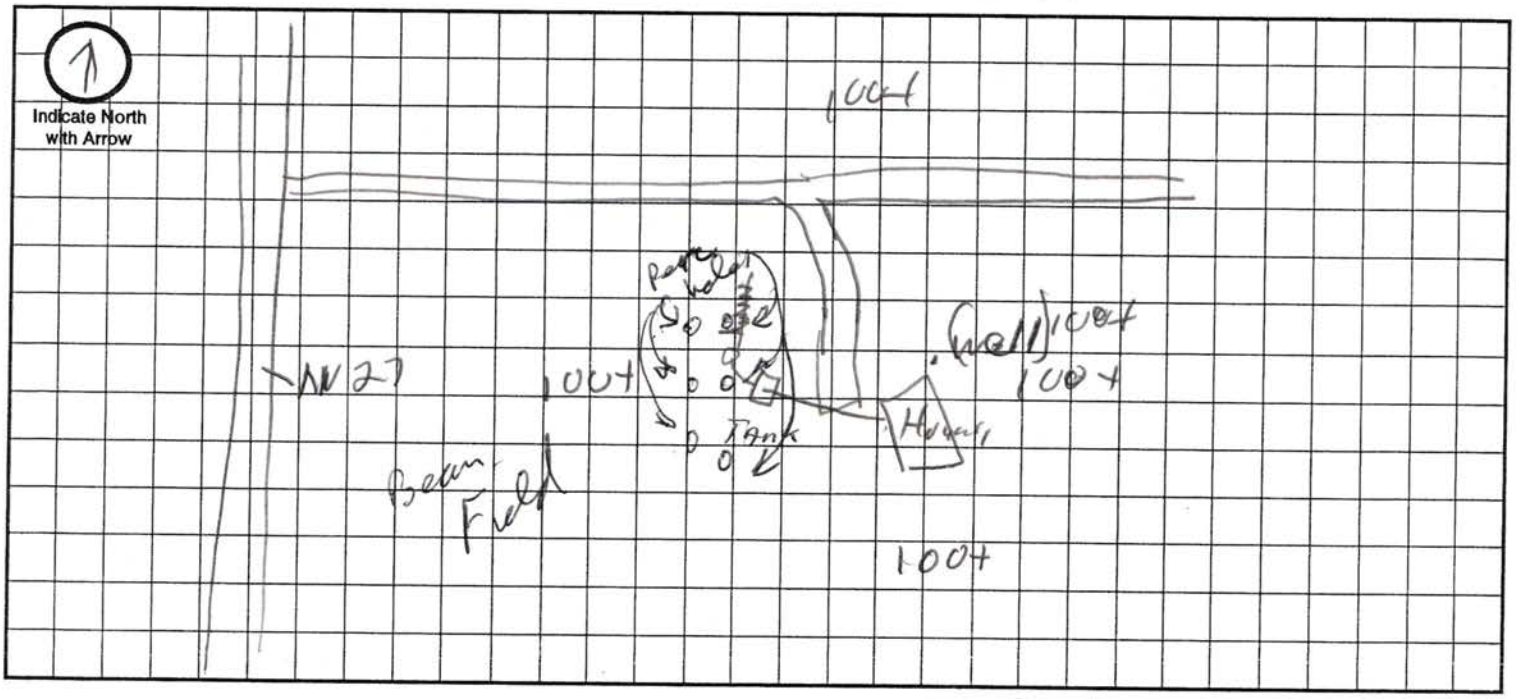
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 033802658

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) 10630 NW 27 City Lincoln NE, Zip 68524

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☒ Other will install wastewater treatment as indicated by perc test

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

Percolation Rate 13 (min. per inch) Soil Type: Dickinson Sandy loam or Kennebec Land Slope: _____ %

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

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

Type of Lateral: ☒ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: Equalizer 4" wide

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

Total Length of Laterals 52½ ft. Number of Trenches 1 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 Doug Manton Date 06/16/03

Installer Lloyd J. Jakubik Date 06/16/03

FORM 23-102 10-96

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

SEP 1 8 2003

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 9/15/03

System Location (Indicate correct number and street)

Address 10630 NW 27Th. (no rural route) City Lincoln NE, Zip 68524

A. Building Sewer

1. Material: class160 - PVC.
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 36 in.
3. Distance between dwelling and septic tank: 69' ft.
4. Number of clean-outs: one
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: one
2. Capacity: 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade at Grade 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 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. Distribution Box

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

D. Absorption Field

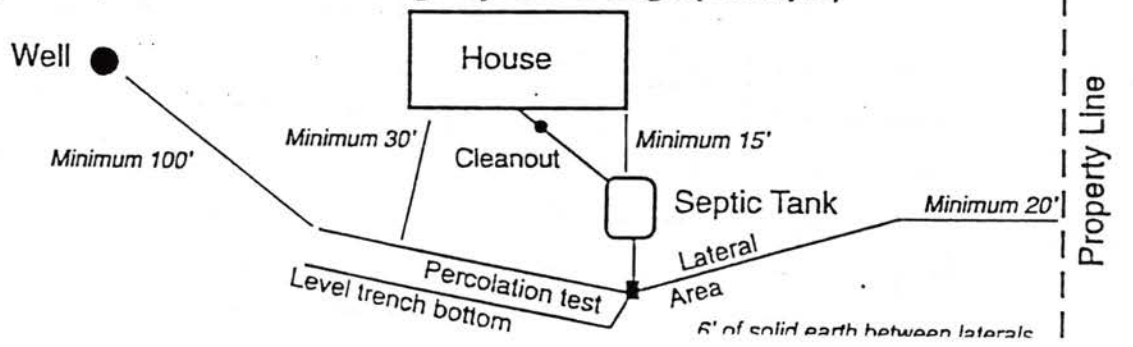
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: H-10 12"Tall 34"wide.
   or perforated pipe: _____
   Material: ☒ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number one
   Length of each line: _____ ft. 56.25' ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4' ft.
   Slope Flat in/100 ft.
   Average depth 24" in
4. Filter material: Dirt.
   Depth of material 24" 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

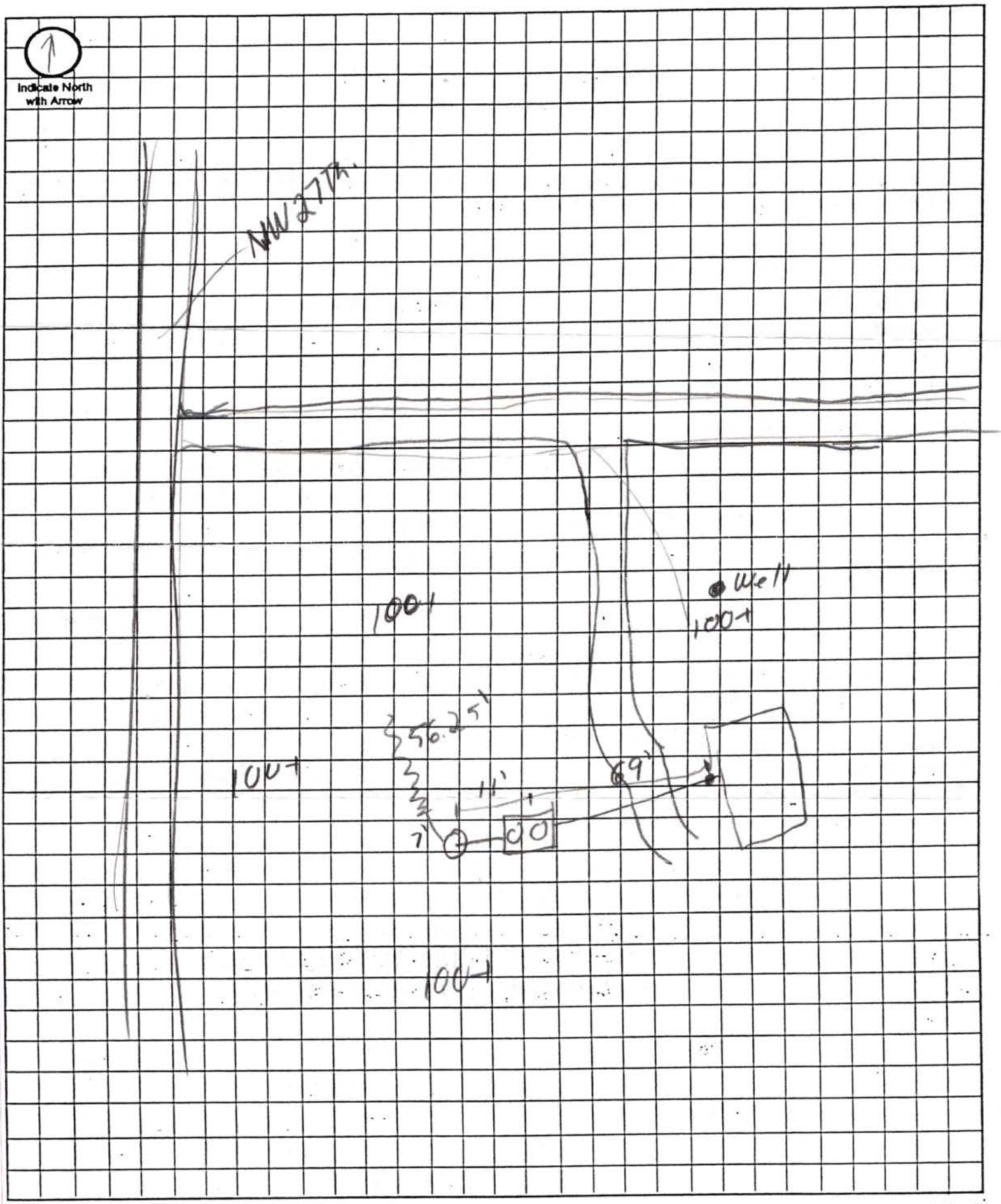
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



NEBRASKA — SHEET NUMBER 13



Perc area