Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 99380198701

Issued 05/07/99
Expires 11/07/99
Revenue Code 3157

FEES: $150.00

PAID

TOTAL: $150.00

Establishment

RANDY HEESACKER
T9N R6E SEC 17
SOUTH FORTY BLK 2 LOT 5
6801 SW 34 ST

Permitee

RANDY HEESACKER
5011 NW 4 ST CIR
LINCOLN NE 68521

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

010244

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

A

Permit Number: 99380 1987

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 6801 SW 34th (no rural route) City Lincoln. NE, Zip

Legal Description 1/4 17 1/4 Section 9N Township 6E Range South Sorby Subdivision Addition 2 Block 5 Lot

Geographical Location (if known): Longitude Latitude

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

B. Owner

Name Randy Heezacker Signature Randy Heezacker

Address 5011 NW 47th Cr. City/State/Zip Lincoln, NE 68521

☐ Check if owner designed system Home Phone 476-2092 Work Phone 479-6628

C. Contractor

Name Mike Rezac Company Name Rezac Const.

Address 7200 SW 27th City/State/Zip Lincoln

☐ Check if contractor designed system Work Phone 423-2212

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

Designer Name John Studmyer 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 5/6/99 Date frwd ACTION ☒ Approved ☐ Disapproved Signature Jerrold E. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5-6-99 Date frwd 5-6-99 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 5-7-99 Date frwd 5-7-99 ACTION ☒ Approved ☐ Disapproved Signature

7-12-99 Final need drawing Chen

Installation Final Written Approval

By

Date 7-15-99

Business Office Use Only

Date Rec'd 5/6/99
Amt Paid 150.00
Rec'd By CW Cash/Check No. 10838

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

ATTACHMENT C.

SOIL ABSORPTION TEST DATA REPORT

PROPERTY WHERE SOIL TESTED:
Location: Township _____
Section & 1/4 Sect. _____
Property Dimensions: ____ ft. x ____ ft
Area: 3.0 acres. (Attach sketch of property showing hole location).

Owner: Randy Heesacker

Address: Lot #5, Block 2 South 40 Acres Addn
Lancaster Co, NE

Soil Type: Silty Clay X: Silty Clay Loam X: Sandy Loam ___
Silty Loam ___: Clay Loam ___: Sandy Clay ___

Dates of Tests: 7/9/98 to 7/10/98. Weather: Precip. 0.75" Temp. 80°

PERCOLATION TEST DATA FILE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings					Results		
		Start		End		Start			End				
Hole No.	Hole Depth (in.)	Date (Mo. Day)	Time (Hr. Min.)	Date (Mo. Day)	Time (Hr. Min.)	Date (Mo. Day)	Time (Hr. Min.)	Water Level (in.)	Time (Hr. Min.)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolat Rates (Min./in
1	24	7/9	4PM	7/9	8PM	7/10	2:00	7.55	2:30	6.80	30	0.75	40
2	24						2:01	7.60	2:31	7.10	30	0.50	60
3	24						2:02	7.75	2:32	7.00	30	0.75	40
4	24						2:03	8.0	2:33	7.45	30	0.55	55
5	24						2:04	7.75	2:34	7.20	30	0.55	55
6	24	7/9	4PM	7/9	8PM	7/10	2:05	7.85	2:35	7.25	30	0.60	50

Jeffrey N Schroeder PE
Signature of Person Conducting Test

Address 325 Elkhorn Arlington, NE 68002
Phone (402) 478-5366

Sum of Percolation Rates 300
Average of Rates: 50
Inches per Minute: 0.02

Accept - R Hunter
M. Rezac - Builder
John Strohmyer Installer

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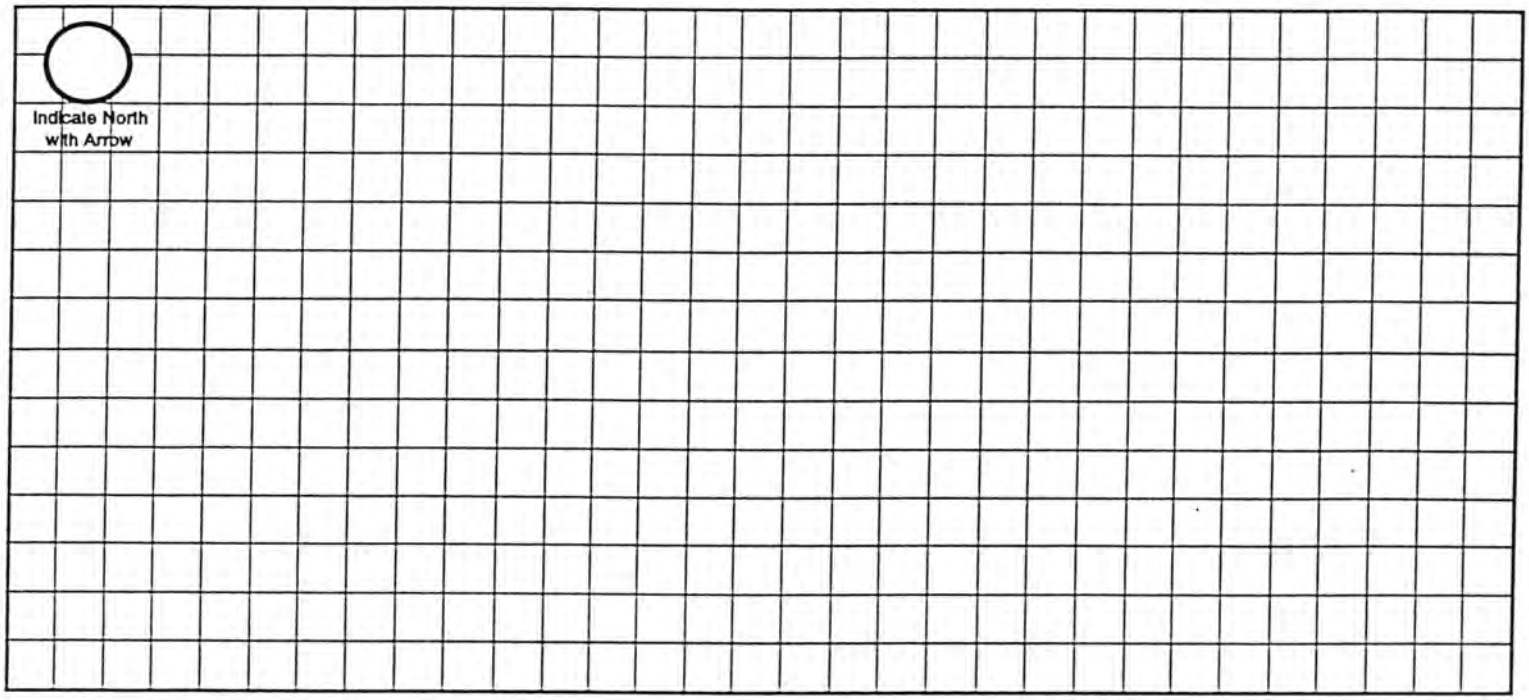
C

Permit Number: 993801987

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) 6801 SW 34th 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 50 (min. per inch) Soil Type: WYMORE SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 925 sq. ft.

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

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

Total Length of Laterals 231 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

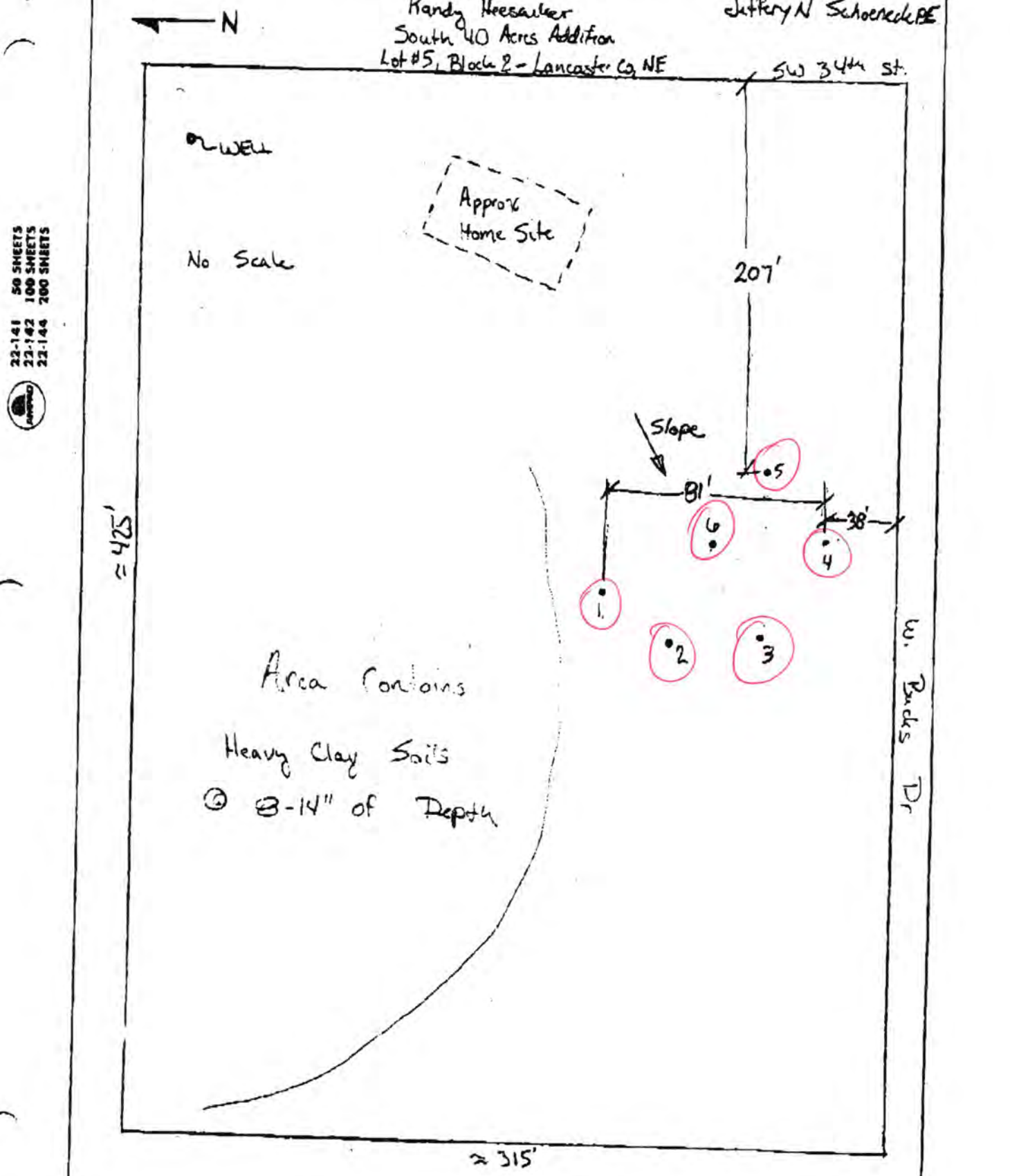
Home Building Contractor Wade Reese Date 5/6/99

Installer John Krahmer Date "

FORM 23-102 10-96

7/10/98	Soil Percolation Test	Prepared By: Jeffery N Schoenecke PE

FOR
Randy Heesacker
South 40 Acres Addition
Lot #5, Block 2 - Lancaster Co, NE



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

JUL 14 1999

D

Lincoln-Lancaster County Health Department
Environmental Health Division
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Phone: 402-441-8022

Permit Number:

Lot 5 Blk 2
South 40

Sewage Disposal System

As Built Plans & Specifications

Date 7-12-99

System Location (Indicate correct number and street)

Address 5011 SW 34th (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 124 ft.
4. Number of clean-outs: 1
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: 1250 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: 9 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: _____
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 12 ft.

D. Absorption Field

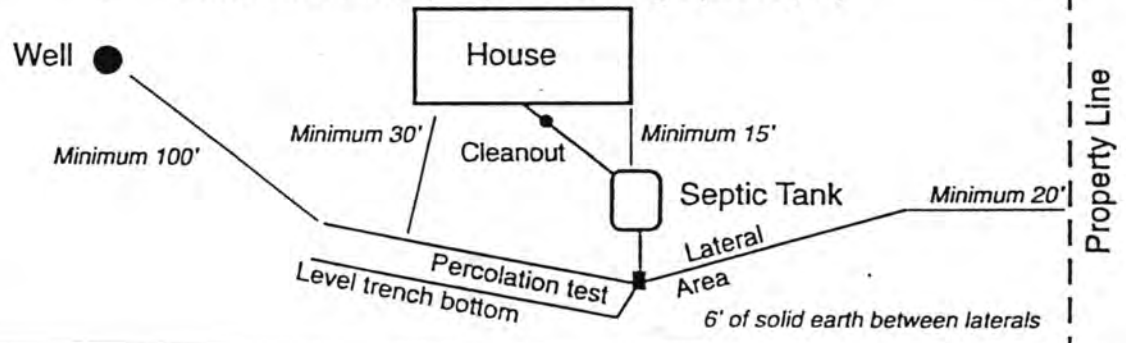
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: 15 Infiltrator
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 100 ft. 100 ft.
   36 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 3 in/100 ft.
   Average depth 32 in
4. Filter material: Road Gravel
   Depth of material 16 in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

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

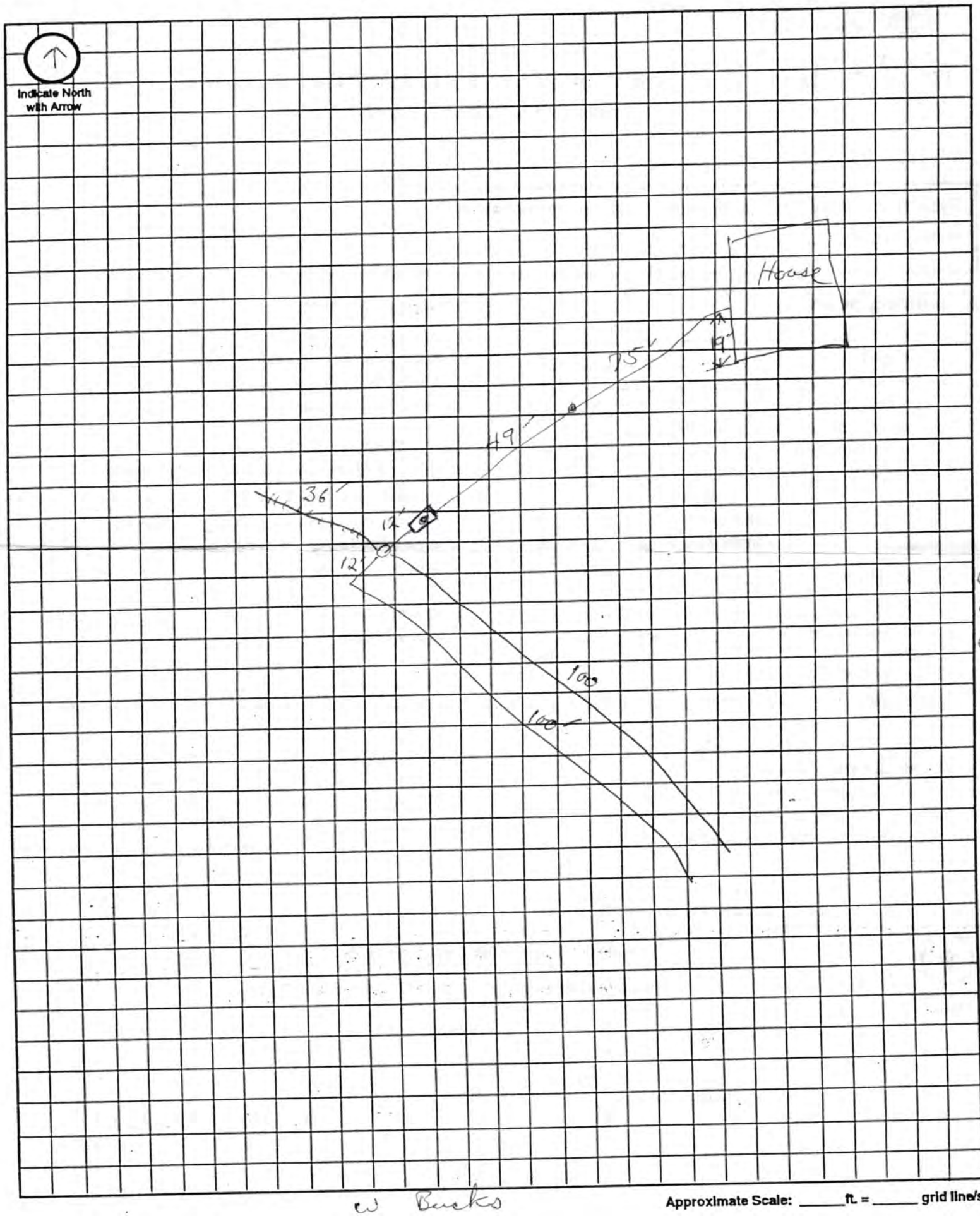
Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing by Larry Schwarck 7-12-99



W Bucks

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