Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

003715

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM-SUBJECT TO SOIL
PERCOLATION TEST

Permit # 04380279701

Issued 11/14/03
Expires 05/14/04
Revenue Code 3157

Establishment

JIM BROWN
T8N R7E SEC 11 QTR NW
8757 BENNET RD

FEES: $200.00

Permittee

JIM BROWN
5810 DOGWOOD DR
LINCOLN NE 68516

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

RECEIVED
NOV 13 2003

A

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

Permit Number: 04380279701

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)

SUBJECT TO SOIL PERCOLATION TEST

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 8757 BENNET ROAD (no rural route) City _____ NE, Zip _____

Legal Description NW 11 8N 7E SEE ATTACHED
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 Jim Brown Signature _____

Address 5810 Dogwood Dr City/State/Zip Lincoln NE 68516

☐ Check if owner designed system Home Phone 489-5912 Work Phone _____

C. Contractor

Name Dennis Frey Company Name Frey Custom Homes

Address RT 1 Box 88A City/State/Zip Nickman NE 68372

☐ Check if contractor designed system Work Phone 560-2211

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

Designer Name Stan Koose Firm Dirt Work Plus Work Phone 560-1208

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 11/13/03 Date frwd 3/25/04	**ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood	
2. **Supt. Bldg. Insp. or Village Clerk**	Date rec'd 3-25-04 Date frwd 3-25-04	**ACTION** ☐ Approved ☐ Disapproved Signature Shawn	
3. **City or County Engineer**	Date rec'd 3/25/04 Date frwd 3/25/04	**ACTION** ☒ Approved ☐ Disapproved Signature	

7/1/04 J.C.H.

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date JULY 1, 2004

Business Office Use Only

Date Rec'd 11/14/03

Amt Paid 200.00

Rec'd By JS Cash/Check No. 0093

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

RECEIVED
JUN 3 0 2004

B

Permit Number:

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

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE (FREY HOMES)

System Location (Indicate correct number and street)

Address 8457 Bennet Rd (no rural route) City _____ NE, Zip _____

Owner _____ Addresss _____

Soil Type (SCS): SANDY LOAM WYMORE SILTY CLAY LOAM Percolation Rate: 44 min./inch

Date of Tests 6/28/04 to 6/29/04 Weather: Precipitation 0 Temperature 80°

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	27	6/28	8 AM	6/29	8AM	6/29	11 30AM	6	6/29	12 PM	30	3/4	40
2	26	6/28	8 AM	6/29	8AM	6/29	11 30AM	6	6/29	12 PM	30	3/4	40
3	29	6/28	8AM	6/29	8AM	6/29	11 30AM	6	6/29	12 PM	30	5/8	48
4	29	6/28	8AM	6/29	8AM	6/29	11 30AM	6	6/29	12 PM	30	1/2	60
5	30	6/28	8AM	6/29	8AM	6/29	11 30AM	6	6/29	12 PM	30	3/4	40
6	28	6/28	8AM	6/29	8AM	6/29	11 30AM	6	6/29	12 PM	30	3/4	40

Sum of Percolation Rates: 268
Average of Rates: 44.7
Rate Used for Calculation: 44

Person Conducting Percolation Tests

Name: STAN KROESE
Phone: 560 1208
Address 7801 LEIGHTON
LNK NE 68507

250 LF LATERAL

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood 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

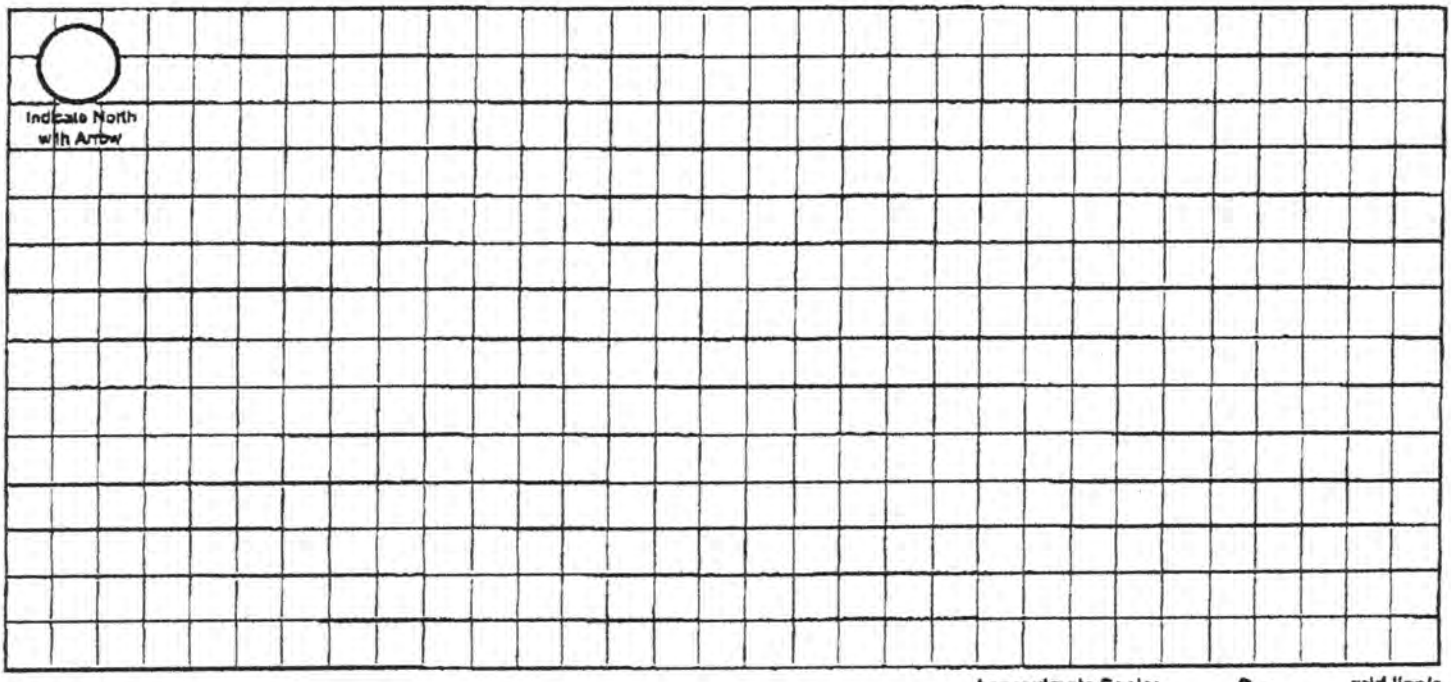
C

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 lines

A. System Location (Indicate correct number and street)

Address (no rural route) _____ City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 44 (min. per inch) Soil Type: WYMORE SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 990 sq. ft.

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

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

Total Length of Laterals 248 ft. Number of Trenches _____ 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

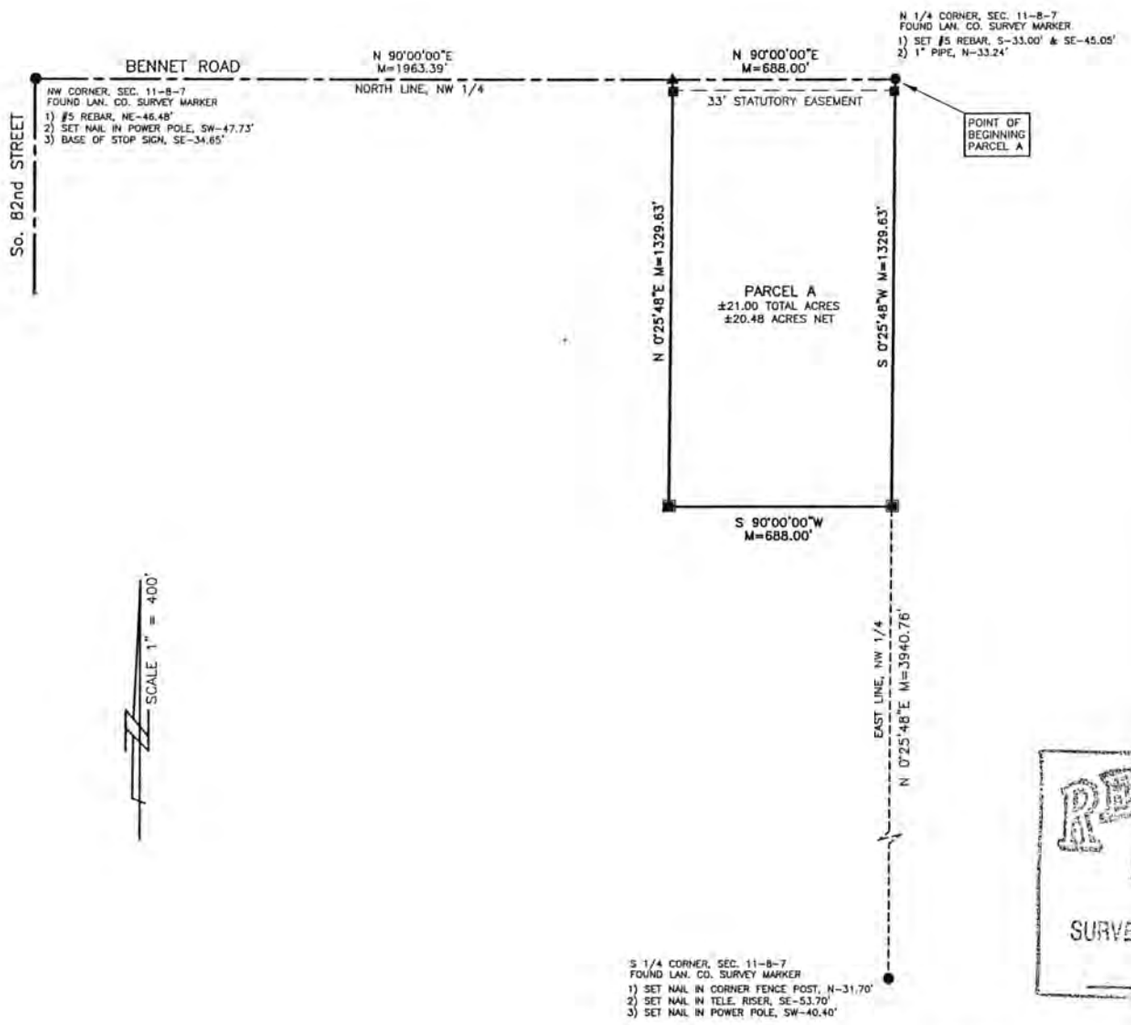
Home Building Contractor Dennis Frey Date _____

Installer _____ Date 11/26/03

FORM 23-102 10-95

AA-21963

BOUNDARY SURVEY
EAST HALF OF THE NW 1/4
SEC. 11, T 8 N, R 7 E
LANCASTER COUNTY, NEBRASKA



LEGAL DESCRIPTION

PARCEL A
THAT PART OF EAST HALF OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 8 NORTH, RANGE 7 EAST OF THE 6th P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 11; THENCE ON THE EAST LINE OF SAID NORTHWEST QUARTER, ON AN ASSIGNED BEARING OF S 0°25'48"W A DISTANCE OF 1329.63'; THENCE S 90°00'00"W 688.00'; THENCE N 0°25'48"E 1329.63', TO A POINT ON THE NORTH LINE OF SAID NORTHWEST QUARTER; THENCE ON SAID NORTH LINE, N 90°00'00"E 688.00', TO THE POINT OF BEGINNING, SAID TRACT CONTAINING AN AREA OF 21.00 ACRES, MORE OR LESS.

SURVEYOR'S CERTIFICATE

I, THE UNDERSIGNED, A DULY REGISTERED LAND SURVEYOR IN AND FOR THE STATE OF NEBRASKA, DO HEREBY CERTIFY THAT I CAUSED A SURVEY TO BE MADE OF THE FORGOING DESCRIBED PROPERTY, AND THAT THE RESULTS OF SAID SURVEY ARE TRULY AND ACCURATELY DEPICTED HEREON, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

IN TESTIMONY WHEREOF WITNESS MY HAND AND SEAL THIS 14th DAY OF JULY, 2003.

BILLY JOE KERR, LS #483

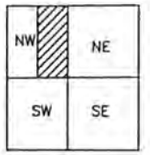
NEBRASKA REGISTERED LS-483 LAND SURVEYOR BILLY JOE KERR

RECEIVED
AUG 1 2003
SURVEY RECORD REPOSITORY
S _____ County

RECEIVED
SEP 09 2003
LANCASTER COUNTY
ENGINEERING DEPT.

LEGEND
P = PLATTED DISTANCE
M = MEASURED DISTANCE
● = FOUND MONUMENT AS NOTED
■ = SET MONUMENT (#5 REBAR & CAP)
▲ = SET TEMP. POINT
▣ = TO BE SET AFTER HARVEST

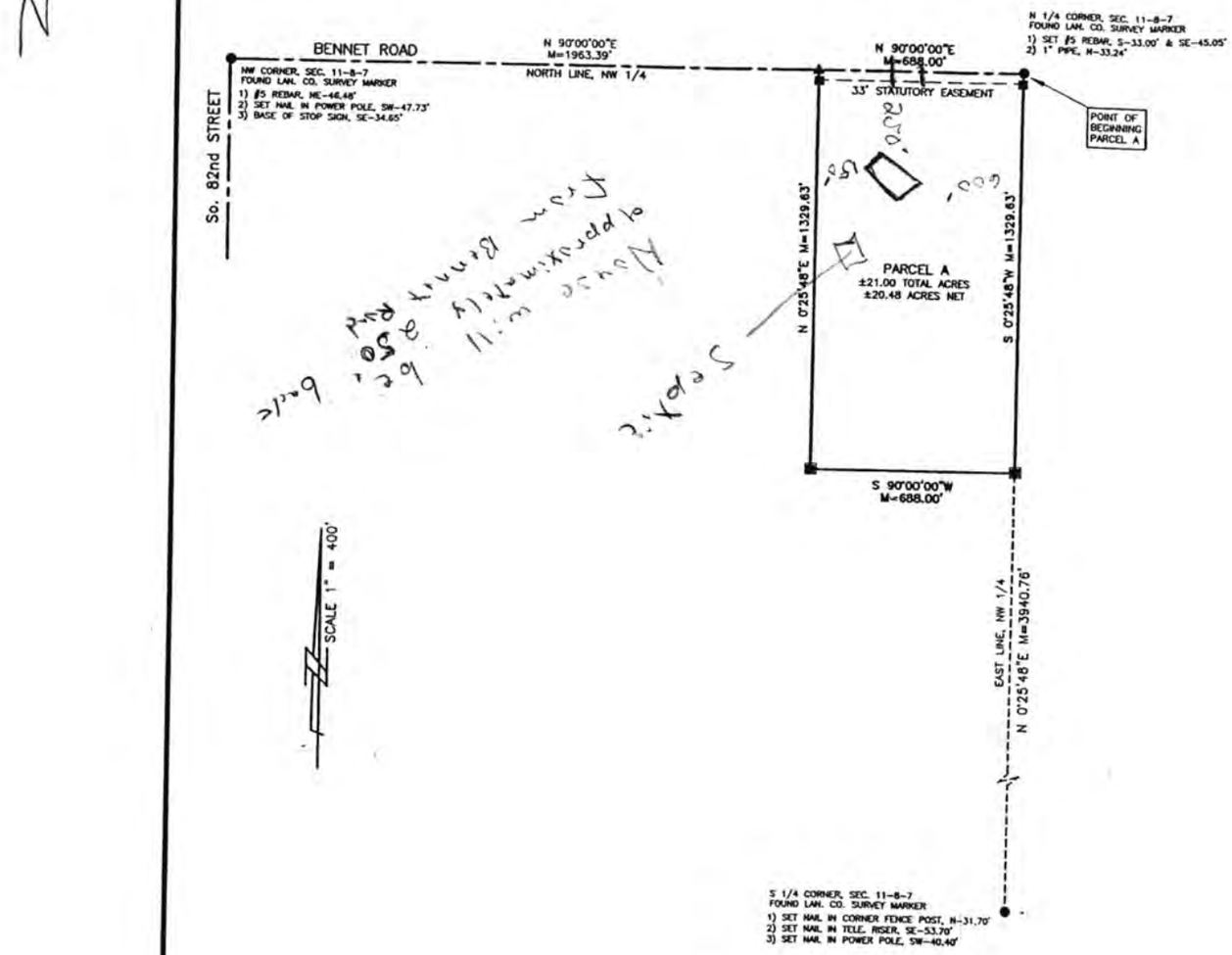
LOCATION SKETCH
NOT TO SCALE



K & M INC.
LAND SURVEYING
540 W. INDUSTRIAL LAKE DR. #1
LINCOLN, NE 68528
(402) 476-3020
(402) 476-3138 FAX

PROJ. # 0307073

BOUNDARY SURVEY
EAST HALF OF THE NW 1/4
SEC. 11, T 8 N, R 7 E
LANCASTER COUNTY, NEBRASKA



LEGAL DESCRIPTION

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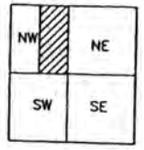
BILLY JOE KERR, LS #483

NEBRASKA REGISTERED LS-483 LAND SURVEYOR BILLY JOE KERR

LEGEND

P = PLATTED DISTANCE
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● = FOUND MONUMENT AS NOTED
■ = SET MONUMENT (#5 REBAR & CAP)
▲ = SET TEMP. POINT
■ = TO BE SET AFTER HARVEST

LOCATION SKETCH
NOT TO SCALE



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540 W. INDUSTRIAL LAKE DR. #1
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PROJ. # 03070123

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 7/1/04

System Location (Indicate correct number and street)

Address 8757 BENNET (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: Cls. 160
   Diameter: 4 in.
2. Distance above basement floor: — in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 170 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line 100 ft.
   stream 100 ft.
   pressure line 30 ft.
   property line 20 ft.

B. Septic Tank

1. Material: CONC
   Number of compartments: 1
2. Capacity: 1000 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☑ above ☐ below grade 6 in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 12 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 15 ft.

C. Distribution Box

1. Material: CONC
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 9 ft.

D. Absorption Field

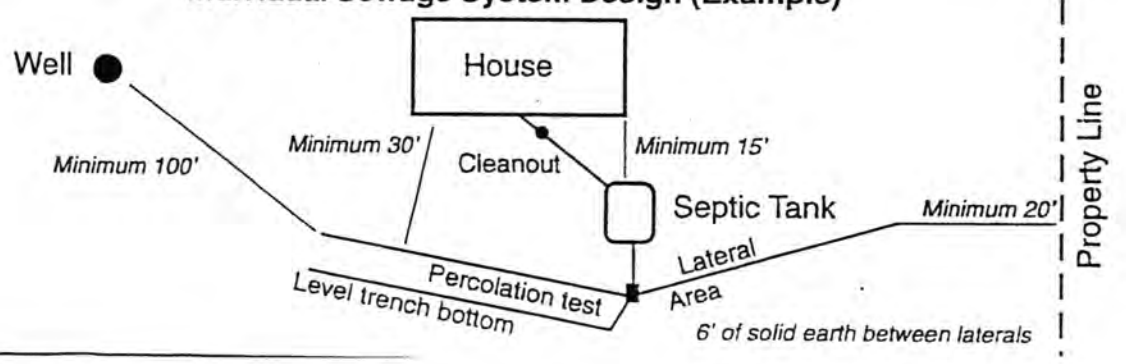
(Provide as-built drawings on back of this form)

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: 152 ft. 102 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 0 in/100 ft.
   Average depth 27 in
4. Filter material: GRAVEL-LESS
   Depth of material NA in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 15 ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



FORM 23-103 10-96

ESRI ArcExplorer 2.0

8757 Bennet Road



streets
flood1

N

Friday, Mar 26 2004

As Built Drawing

