LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

3140 "N" STREET
NON TRANSFERABLE

ENVIRONMENTAL HEALTH DIVISION
Lincoln, NE 68510-1514

(402) 441-8000

PERMIT

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

No. 973801633301

Issued 08/08/97
Expires 02/08/98
Revenue Code 18754

Establishment

MARK FORESTER
T10N R8E SEC 2
LOT 12
5225 N 176 STREET

FEES: $150.00

TOTAL $150.00

Permittee

MARK FORESTER
2232 NW 49 ST
LINCOLN NE 68524

Issued By M. Jane Ford
Health Director

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"

5108

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

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 5225 N 176th (no rural route) City Lanc. Co. NE, Zip

Legal Description Lot 12 SE 1/4 Sec 2 10N 8E 12.I.I
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 Mark Forester Pamela Mulder Signature

Address 2232 NW 49th St City/State/Zip Lincoln, Ne 68524

☐ Check if owner designed system Home Phone 470-3813 Work Phone 475 1282

C. Contractor

Name Mann Customs Inc Company Name Mann Customs Inc.

Address 3121 So 6th Suite B City/State/Zip Lincoln, NE 68502

☐ Check if contractor designed system Work Phone 423-5386

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 2 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 8/7/97 Date frwd 8/7/97 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd Date frwd 8/8/97 **ACTION** ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd Date frwd 08/08/97 **ACTION** ☒ Approved ☐ Disapproved Signature

8-6-97 rm

Installation Final Written Approval

By Ron Mangum

Date 8-19-97

Business Office Use Only

Date Rec'd

Amt Paid

Rec'd By Cash/Check No.

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
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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 5225 N. 176th (no rural route) City Lincoln, NE. NE, Zip

Owner Mark Foster Address

Soil Type (SCS): Clay loam SHARPSBURG SILTY CLAY LOAM Percolation Rate: 60 min./in

Date of Tests 3-31-97 to 4-1-97 Weather: Precipitation 0 Temperature 64

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 Rate (Min/in)
1	36	3-31	6:00P	4-1	5:40P	4-1	5:40P	6"	4-1	6:10P	30min	2 1/4	
2	36	3-31	6:00P	4-1	5:40P	4-1	5:40P	6"	4-1	6:10P	30	3 1/2	
3	36	3-31	6:00P	4-1	5:40P	4-1	5:40P	6"	4-1	6:10P	30	3/4	
4	36	3-31	6:00P	4-1	5:40P	4-1	5:40P	6"	4-1	6:10P	30	1/2	
5	36	3-31	6:00P	4-1	5:40P	4-1	5:40P	6"	4-1	6:10P	30	3/4	
6	36	3-31	6:00P	4-1	5:40P	4-1	5:40P	6"	4-1	6:10P	30	2 1/4	

Sum of Percolation Rates:

Average of Rates:

Rate Used for Calculation: 60 MIN/IN

Person Conducting Percolation Tests

Name: BRIAN R. SHAFER

Phone: 464-0638

Address 2700 DAN AVENUE
LINCOLN, NE 68504

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Date

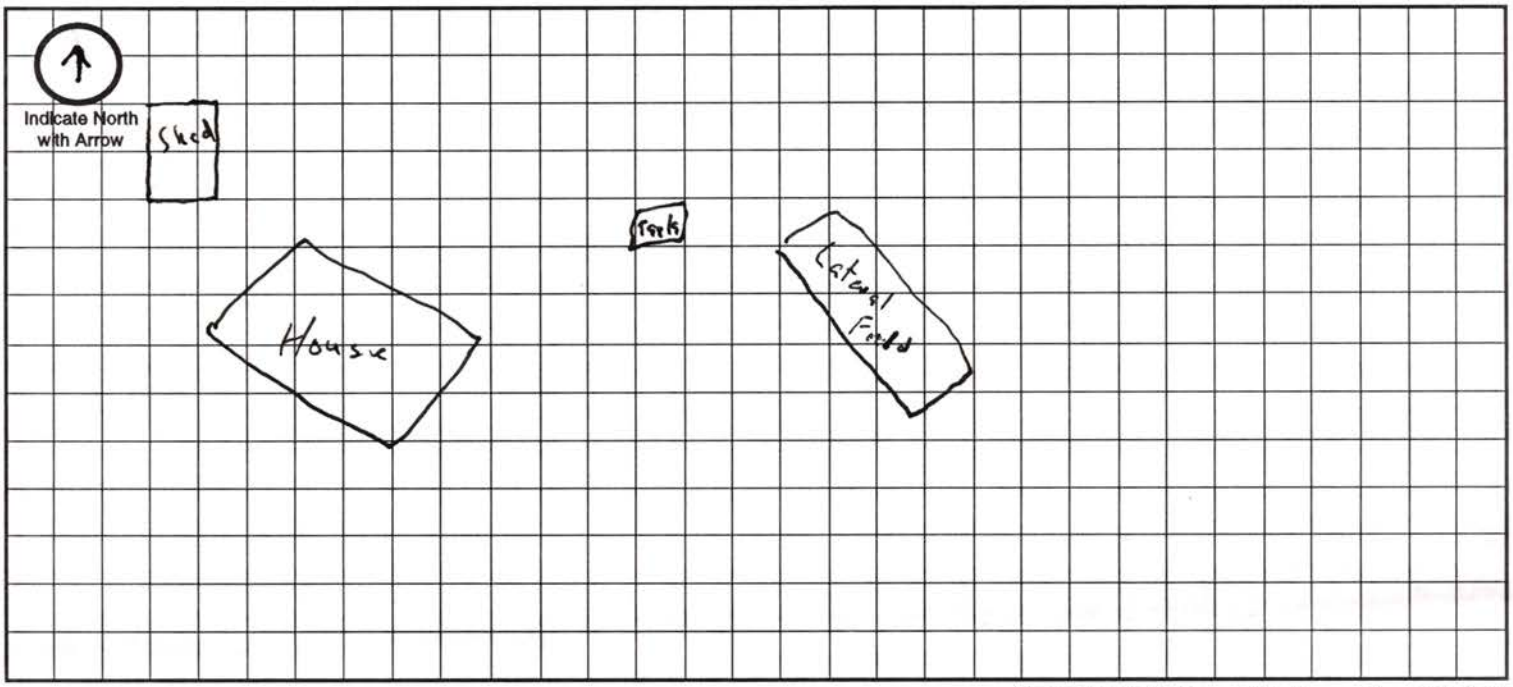
Lincoln-Lancaster County Health Department
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C

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: 12 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) ~~2552~~ 5225 N. 176th ~~city~~ Lancaster Co NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 60 (min. per inch) Soil Type: Clay SHADSBURG SILTY loam Land Slope: 6 %

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

Total Square Feet of Field Required: 660 sq. ft.

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

Capacity of Septic Tank 1000 gals Number of Absorption Beds: 2 Number of Distribution Laterals per Bed 1

Total Length of Laterals 168 ft. Number of Trenches _____ Trench Width 4'

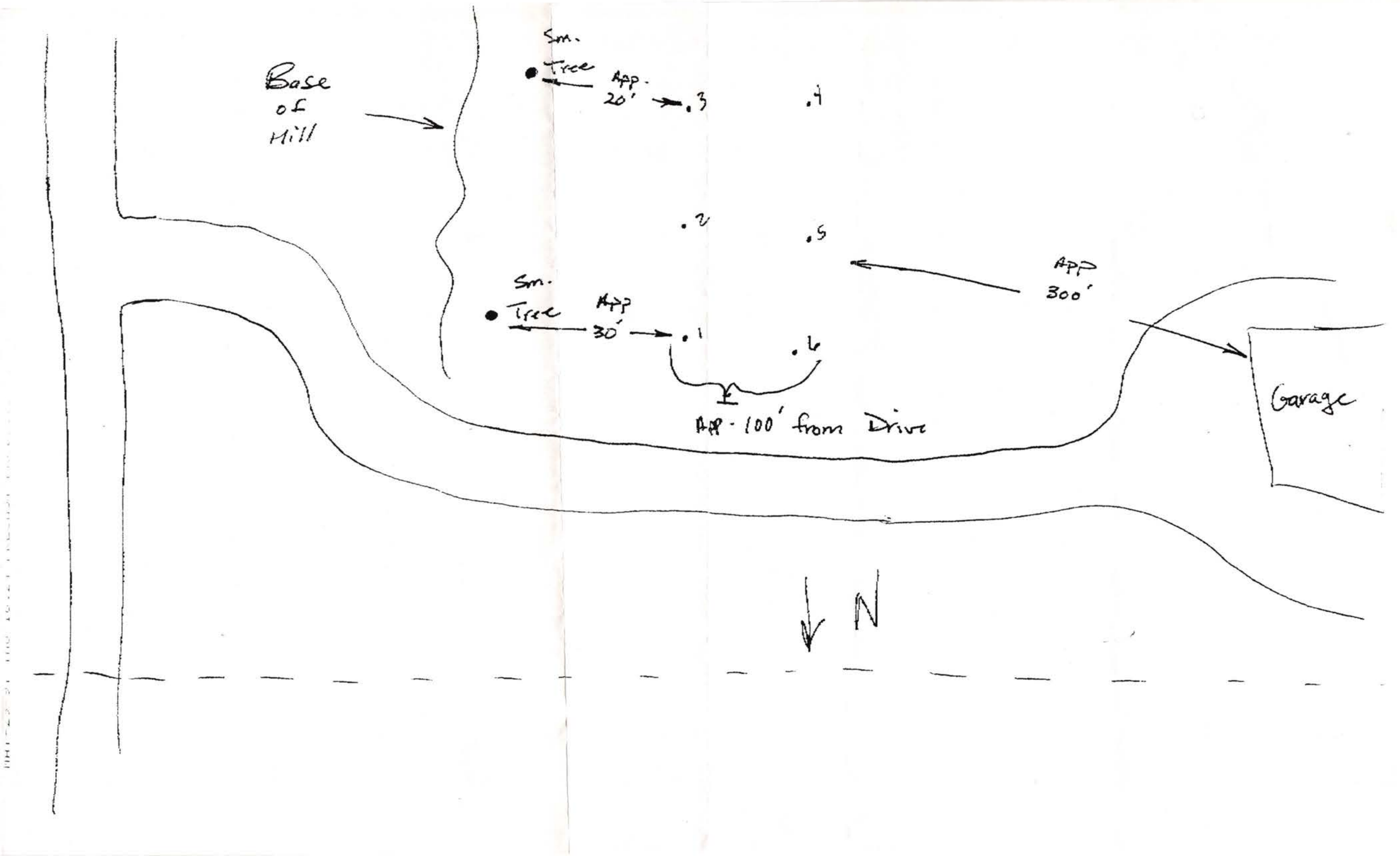
D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 Catherine C. Mann Date 8/7/97

Installer [signature] Vogt TNT Excavating Date 5-30-97


Base of Hill
Sm. Tree
App. 20'
.3
.4
.2
.5
App 300'
Sm. Tree
App 30'
.1
.6
App - 100' from Drive
Garage
N

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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 8-6-97

System Location (Indicate correct number and street)

Address ~~2552~~ 5225 N. 176th (no rural route) ~~City~~ Lancaster County NE, Zip

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 18 in.
3. Distance between dwelling and septic tank: 61 ft.
4. Number of clean-outs: One
5. Distances to: well or suction line Rural water ft.
   stream NA ft.
   pressure line 10 ft.
   property line 50+ 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 16 in.
   Over outlet, diameter 12 in.
   Riser: ☐ above ☐ below grade ____ in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 8 in.
8. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line 50+ ft.
   Property line 50+ ft.

C. Distribution Box

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

D. Absorption Field

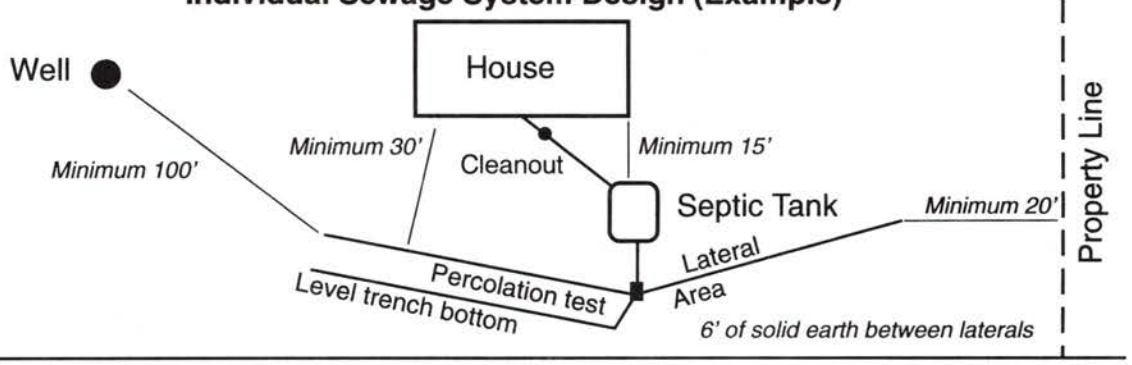
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 20"
   or perforated pipe: ____
   Material: ☐ fiberglass ☐ plastic ☒ concrete
   ☐ other ____
2. Lateral lines: Number 3
   Length of each line: 88 ft. 84 ft.
   76 ft. ____ ft., ____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 1 in/100 ft.
   Average depth 30 in
4. Filter material: Road Gravel
   Depth of material 24 in.
5. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line 30+ ft.
   Property line 50+ ft.

Indicate North with Arrow

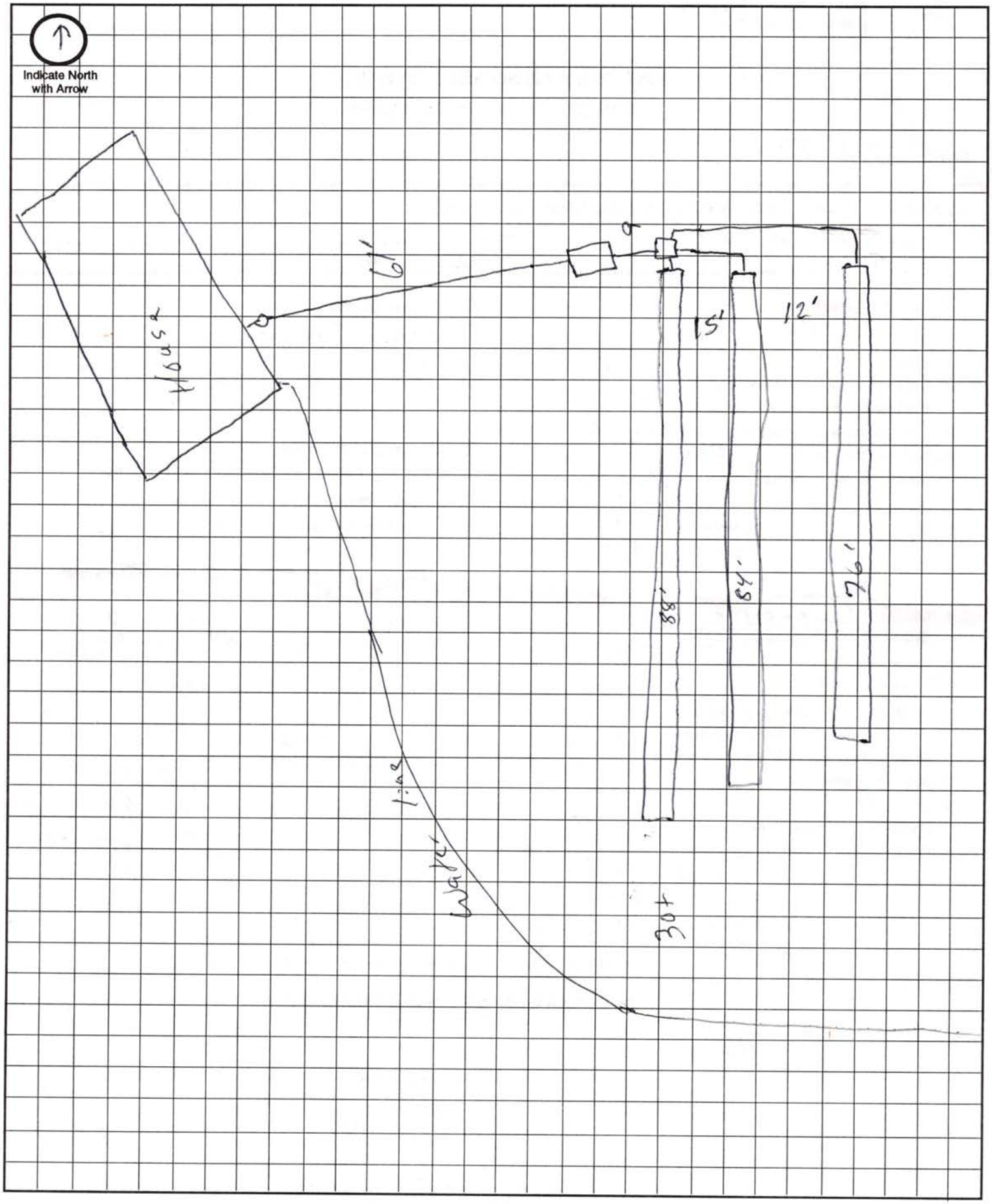
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)

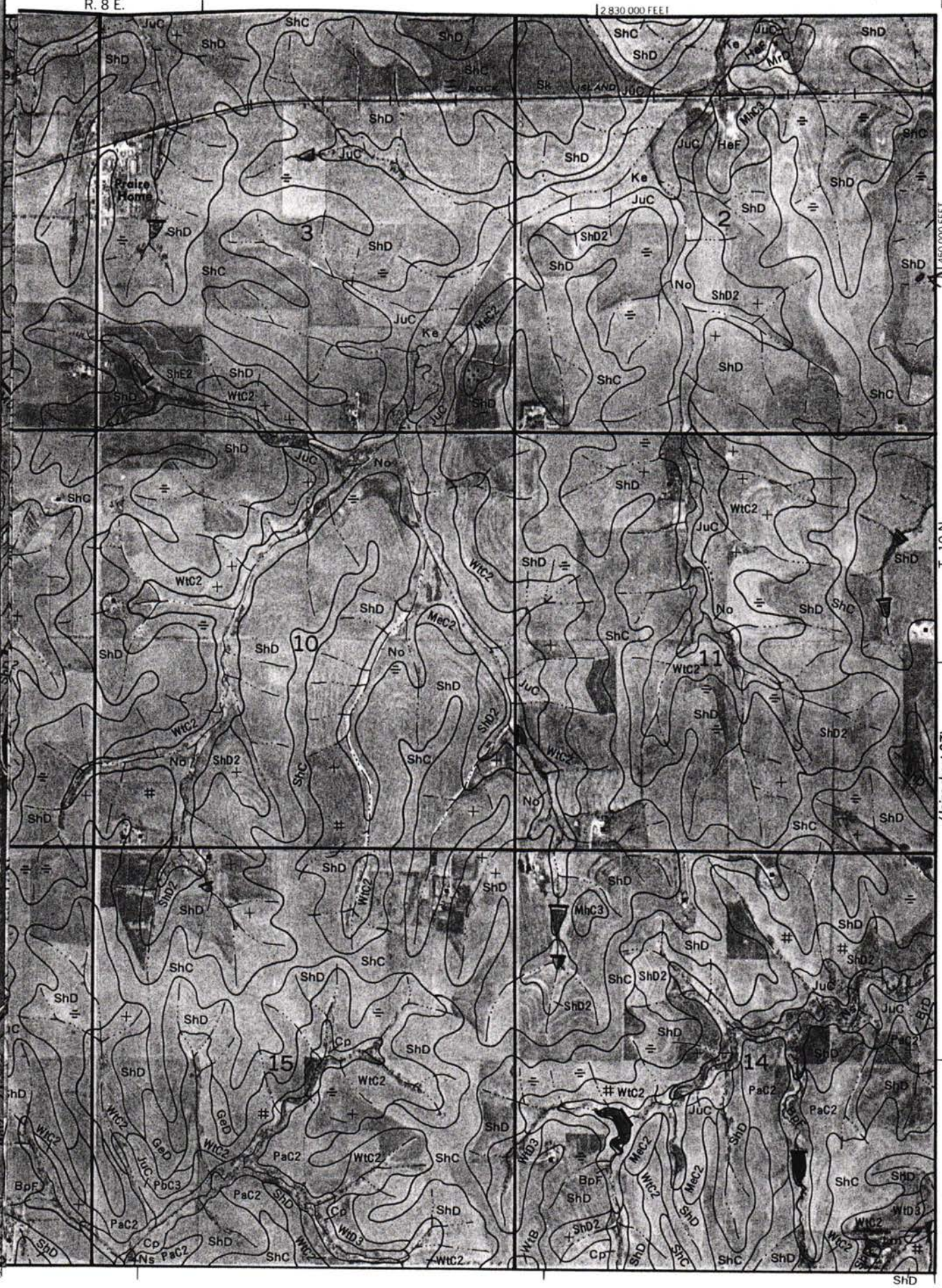


FORM 23-103 10-96

As Built Drawing



Approximate Scale: _____ft. = _____ grid line/s


R. 8 E.
2 830 000 FEET
450 000 FEET
T. 10 N.
Prairie Home
3
2
10
11
15
14
ShD
ShC
JuC
Ke
HeF
MrD
MhC3
ShD2
No
WtC2
MeC2
ShE2
WtC2
GeD
PaC2
PbC3
BpF
Cp
Ns
WtD3
WtB
(Joins sheet 27)