Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380220301

Issued 06/26/00
Expires 12/26/00
Revenue Code 3157

Establishment

DONALD E WHITE
T12N R5E SEC 16 QTR SE
S 1/2 OF SE 1/4
19777 NW 98 ST-VALPARAISO

FEES: $150.00

Permitee

DONALD E WHITE
RRT 2 BOX 75
RAYMOND NE 68428

TOTAL: $150.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

013381

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

A

Permit Number: 00380 2203

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 19777 NW 98th (no rural route) City Valparaiso NE, Zip 68065

Legal Description SW SE & SE SE 16-12N-5E
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 Don E White Signature Donald E White

Address 272 Box 75 City/State/Zip Raymond Ne 68428

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

C. Contractor

Name Lloyd J Jakoubek Company Name Raymond Contracting.

Address 12800 NW 70th. City/State/Zip Raymond NE. 68428

☒ Check if contractor designed system Work Phone 890-6009 - 7832663.

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

Designer Name Lloyd J. Jakoubek Firm Raymond Contracting Work Phone 890-6009 783-2663.

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 6/26/00 Date frwd 6/26/00	ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood	
2. Supt. Bldg. Insp. or Village Clerk	Date rec'd 6-26-00 Date frwd 6-26-00	ACTION ☒ Approved ☐ Disapproved Signature	
3. City or County Engineer	Date rec'd 6/26/00 Date frwd 6/26/00	ACTION ☒ Approved ☐ Disapproved Signature	

Installation Final Written Approval

By Paul Williams

Date 7-3-00

Business Office Use Only

Date Rec'd 06/26/00

Amt Paid 150.00

Rec'd By m Cash/Check No. 3671

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

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

B

Permit Number: 0038 02203

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 19777 NW 98th (no rural route) City Valparaiso NE, Zip 68065

Owner Don White Addresss RT 2 Box 75 Raymond Ne 68428

Soil Type (SCS): Red clay, Lite Red clay, Sharpsburg Silty Clay Loam Percolation Rate: 60 min./inch

Date of Tests 6/21 to 6/22 Weather: Precipitation Dry. Temperature 85

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"	6/21	8:00am	6/21	12:00pm	6/22	8am	12"	6/22	12:00	1/2hr	4"	
2	28"	"	"	"	"	"		12"	"	Noon	1/2hr	1/4"	
3	26"	"	"	"	"	"	"	12"	"	"	1/2hr	1/2"	60 MIN/IN
4	27"	"	"	"	"	"	"	12"	"	"	1/2hr	1 1/2"	20 MIN/IN
5	27"	"	"	"	"	"	"	12"	"	"	1/2hr	1/2"	60 MIN/IN
6	26"	"	"	"	"	"	"	12"	"	"	1/2hr	1/2"	60 MIN/IN
7	29	6/23	12:00 Noon	6/23	4:00	6/24	12:00	12"	6/24	4:00	1hr	3/4"	17 MIN/IN
8	30	6/23	"	6/23	4:00	6/24	12:00	12"	6/24	4:00	1hr	1/2"	60 MIN/IN

Sum of Percolation Rates: 277

Average of Rates: 46.2

Rate Used for Calculation: 60 MIN/IN

Person Conducting Percolation Tests

Name: Raymond Contracting

Phone: 783-2663, 890-6009 Lloyd Jakoubek

Address 12800 N W 70th
Raymond Ne 68428

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerold C. Hood R.E.H.S. Date JUNE 26, 2000

FORM 23-101 10-96

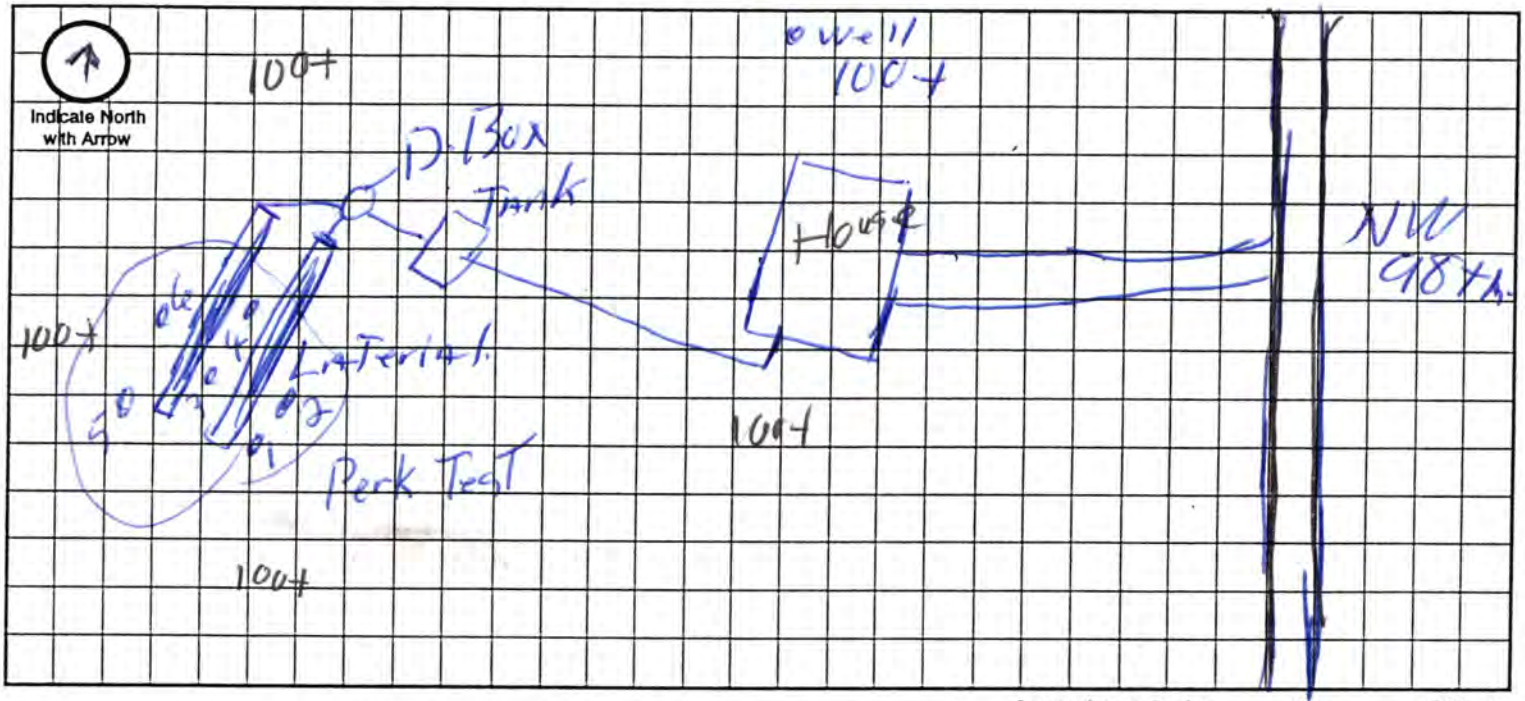
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 003802203

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) 19777 NW 98th City Valparaiso NE, Zip 68065

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: SHARPSBURG SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 1050 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 263 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 Kevin Wilke Date 6/23/00

Installer Raymond Contracting 12800 NW 70 Raymond Date 6/23/00

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
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D

Permit Number: 003802203

Sewage Disposal System

As Built Plans & Specifications

Date 6/28/00

System Location (Indicate correct number and street)

Address 19777 NW 98th (no rural route) City Valparaiso NE, Zip 68065

A. Building Sewer

1. Material: ~~PVC~~ PVC
   Diameter: 4" in.
2. Distance above basement floor: / in.
   or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 164 ft.
4. Number of clean-outs: 3
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: _____
2. Capacity: 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter ~~12~~ 12" 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: 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: concrete
   Number available outlets: ~~5~~ 5 used 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 13' ft.

D. Absorption Field

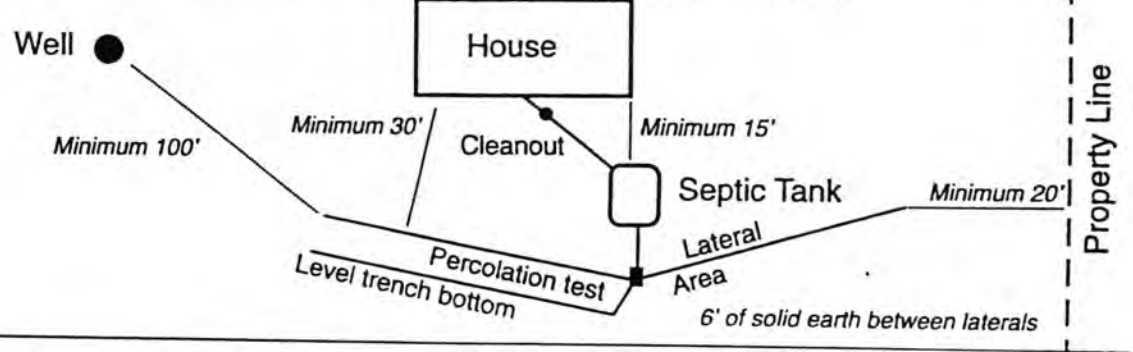
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: ~~In Fi/Trnter~~
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other In Fi/Trnter
2. Lateral lines: Number 3
   Length of each line: 93' ft. 93' ft.
   84' ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4' ft.
   Slope Flat in/100 ft.
   Average depth 28" in
4. Filter material: Gravel 47B
   Depth of material 20" 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

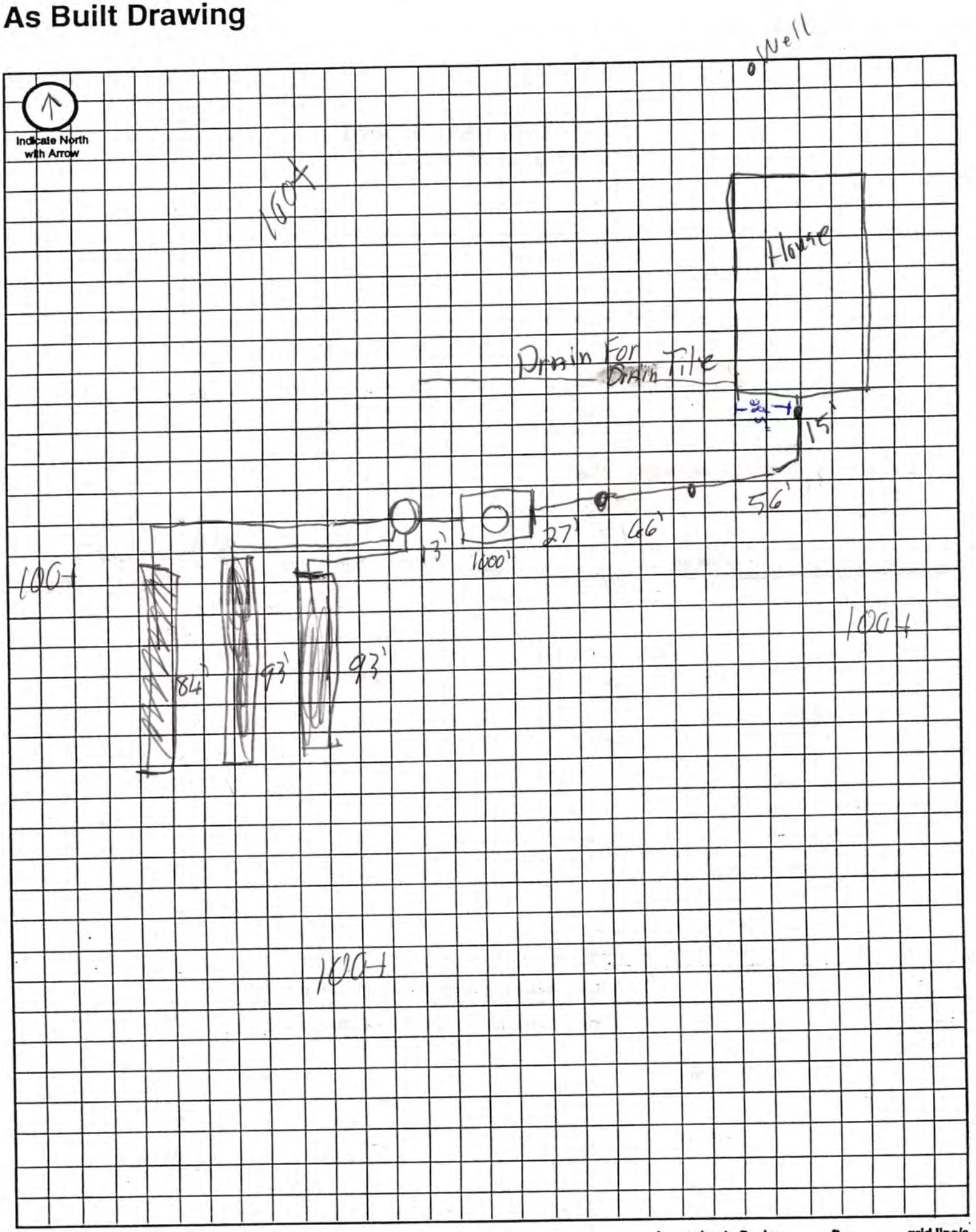
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



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