Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003202

(402) 441-8000

Permit: SEWAGE INSTALLATION
LAGOON

Permit # 03380274401

Issued 11/10/03
Expires 05/10/04
Revenue Code 3157

Establishment: PLEASANT DALE LUMBER
T9N R8E SEC 32 QTR SW
LOT 49IT
11080 S 120 ST

FEES: $200.00

Permittee: PLEASANT DALE LUMBER
BOX 7
PLEASANT DALE NE 68423

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: 033802744 01

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

DEPENDANT ON PERC. TEST

☒ 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 11080 South 120th (no rural route) City Lincoln NE, Zip _____

Legal Description 49 SW 32-9-8 (1/4 1/4 Section Township Range) _____ (Subdivision) _____ (Addition) _____ (Block) _____ (Lot) APT.

Geographical Location (if known): Longitude 32 9N 8E Latitude _____

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

B. Owner

Name _____ Signature _____

Address _____ City/State/Zip _____

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

C. Contractor

Name PLEASANT DALE LUMBER Company Name _____

Address BOX 7 City/State/Zip PLEASANT DALE, NEBRASKA 68423

☐ Check if contractor designed system Work Phone 795-3290

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 10/10/03 Date frwd 11/12/03 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold E. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 11-12-03 Date frwd 11-12-03 **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 11-12-03 Date frwd 11-12-03 **ACTION** ☒ Approved ☐ Disapproved Signature Jim Theyer

~~Revised~~ 12/18/03 D.G
- Line, tank, lateral, Need drawing

Installation Final Written Approval

By Doug Mael

Date 12/19/03

Business Office Use Only

Date Rec'd 11-10-03
Amt Paid 200.00
Rec'd By TW Cash/Check No. 13937

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

SOIL ABSORPTION TEST DATA REPORT

Location: Precinct _____ Section _____
Township _____ Range _____
1/4 Section _____

Owner: Pleasant Dale Lumber
Address: 120th & Hwy 2 ½ mile South east side
Attn Jerry Hood From

Property Dimensions: 5 acres

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

Dates of Tests: 11-15-03 to 11-16-03 **Weather:** Precip. Ø Temp. 50s

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.
		Pre-Saturation Period				Percolation Readings					Results	
		Start		End		Start			End			Water
	Hole	Date	Time	Date	Time	Date	Time	Water	Time	Water	Elapsed	Level
Hole	Depth	(Mo.	(Hr.	(Mo.	(Hr.	(Mo	(Hr	Level	(Hr	Level	Time	Drop
No.	(In.)	Day)	Min.)	Day)	Min.)	Day)	Min.)	(in.)	Min.)	(in.)	(Min.)	(in.)
1	36	11-15	4:30pm	11-15	8:30pm	11-16	5:00pm	6	5:30pm	5½	30	½
2	36	11-15	4:30pm	11-15	8:30pm	11-16	5:05pm	6	5:35pm	5½	30	½
3	36	11-15	4:30pm	11-15	8:30pm	11-16	5:10pm	6	5:40pm	5¼	30	¾
4	36	11-15	4:30pm	11-15	8:30pm	11-16	5:15pm	6	5:45pm	5½	30	½
5	36	11-15	4:30pm	11-15	8:30pm	11-16	5:20pm	6	5:50pm	5¼	30	¾
6	36	11-15	4:30pm	11-15	8:30pm	11-16	5:25pm	6	5:55pm	5¼	30	¾

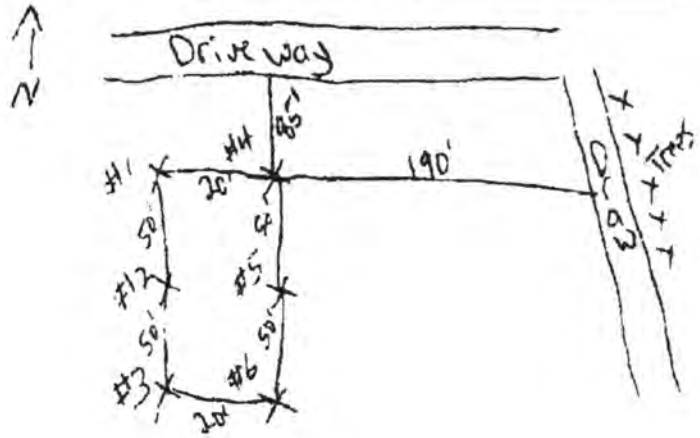
Sum of Water Level Drops (in.) [Column m]: 3¼
Average of Water Level Drops (in.) [Column m]: ____
Inches per Minute: .18 MIN/IN

PERSON CONDUCTING TEST:
Name: Justyn Peterson
Address 742 15th Street
Milford, NE 68405
Phone (402)-761-4414
Signature: Justyn L. Peterson

2 Bedroom

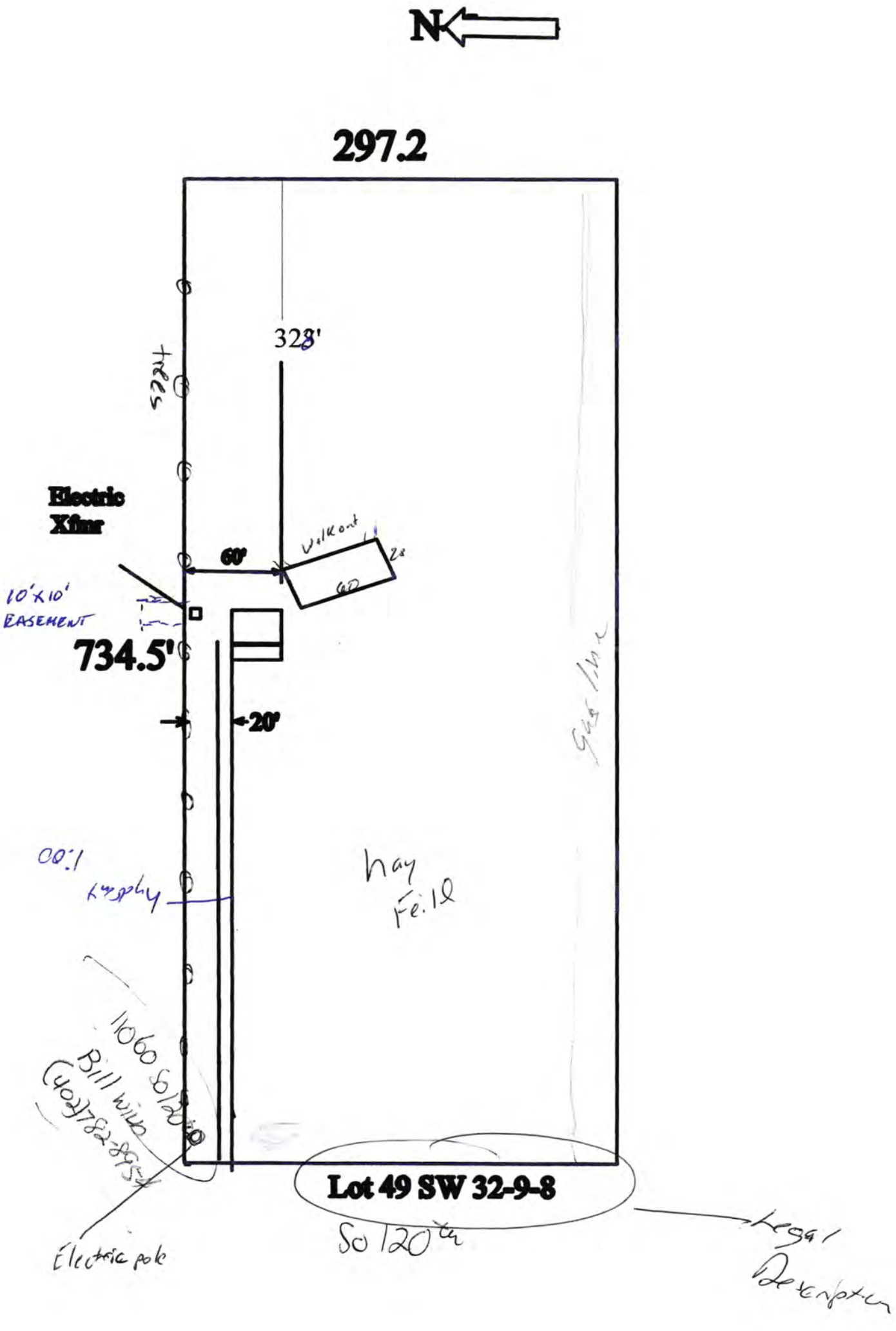
Square Feet of Lateral per Bedroom: ____

SKETCH SHOWING HOLE LOCATION:



contact
Jerry Hood

Official's Signature


N
297.2
328'
trees
Electric
Xfmr
60'
Walkout
28
60
10'x10'
EASEMENT
734.5'
20'
Gas Line
Hay
Field
Supply
1060 So 120th
Bill Wilson
(701)782-8954
Lot 49 SW 32-9-8
So 120th
Electric pole
Legal
Description

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

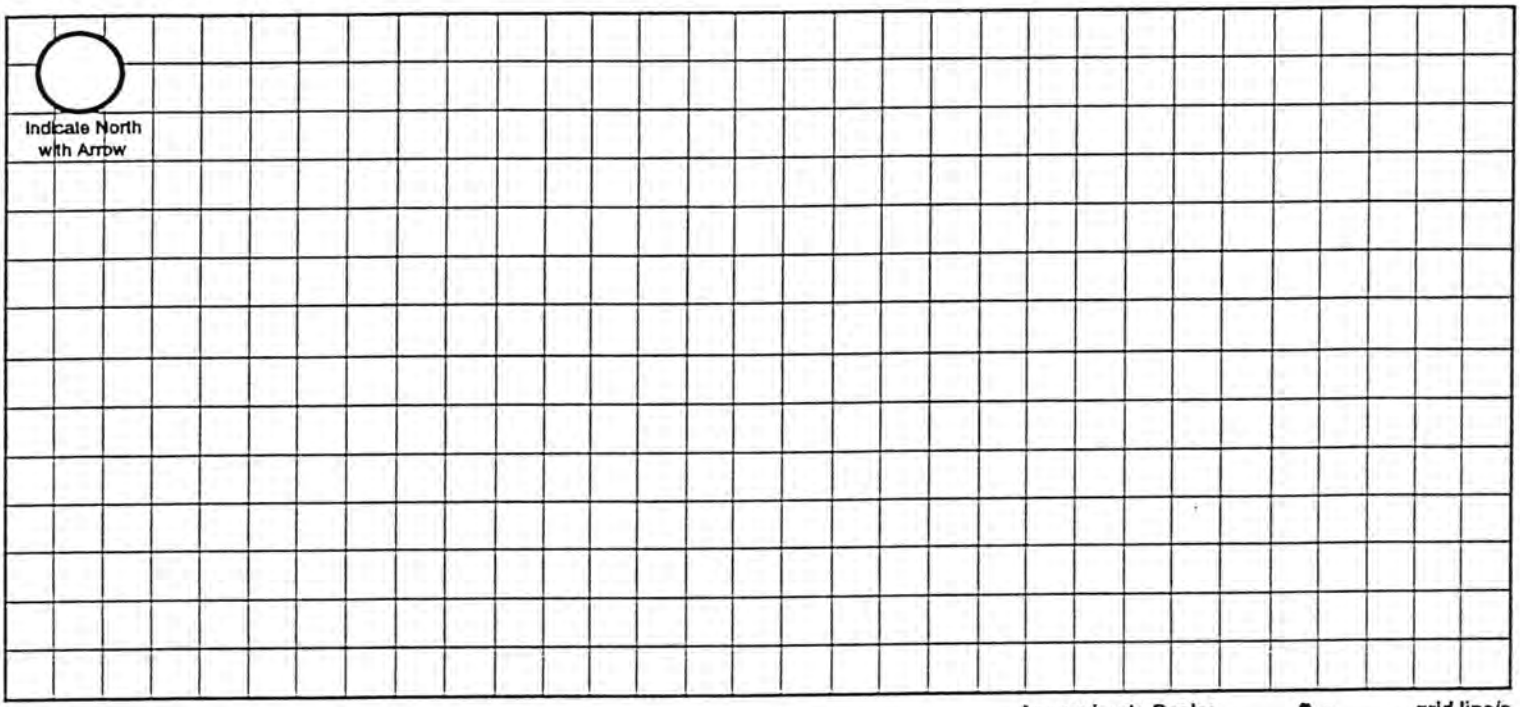
C

Permit Number: 0338027444

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) 11080 South 120th City [redacted] NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 48 (min. per inch) Soil Type: _____ Land Slope: _____ %

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: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 165 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 [redacted] Date 11-10-2003

Installer [redacted] for Earnest Well Drilling Inc. Date 11/10/03

FORM 23-102 10-96

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 12/18/03

System Location (Indicate correct number and street)

Address 11080 South 120th (no rural route) City _____ NE, Zip _____

Building Sewer

1. Material: 4" PVC Pipe 160 SDR 26
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 72 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line 30 ft.
   property line 250 ft.

Septic Tank

1. Material: Plastic
   Number of compartments: 1
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 2 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 NA ft.
   Stream NA ft.
   Pressure line 95 ft.
   Property line 250 ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 46 ft.

D. Absorption Field

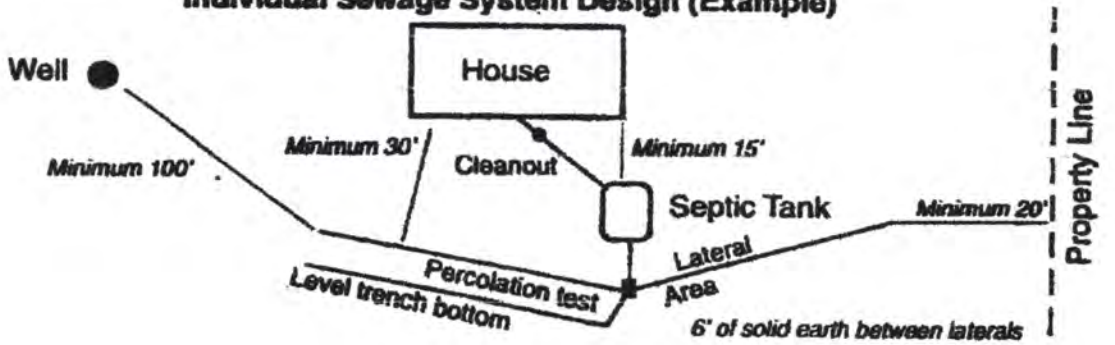
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 35"
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 88.62 ft. 88.62 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3 ft.
   Slope 2 in/100 ft.
   Average depth 42 in
4. Filter material: Native clay
   Depth of material 42 in.
5. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line 140 ft.
   Property line 90 ft.

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

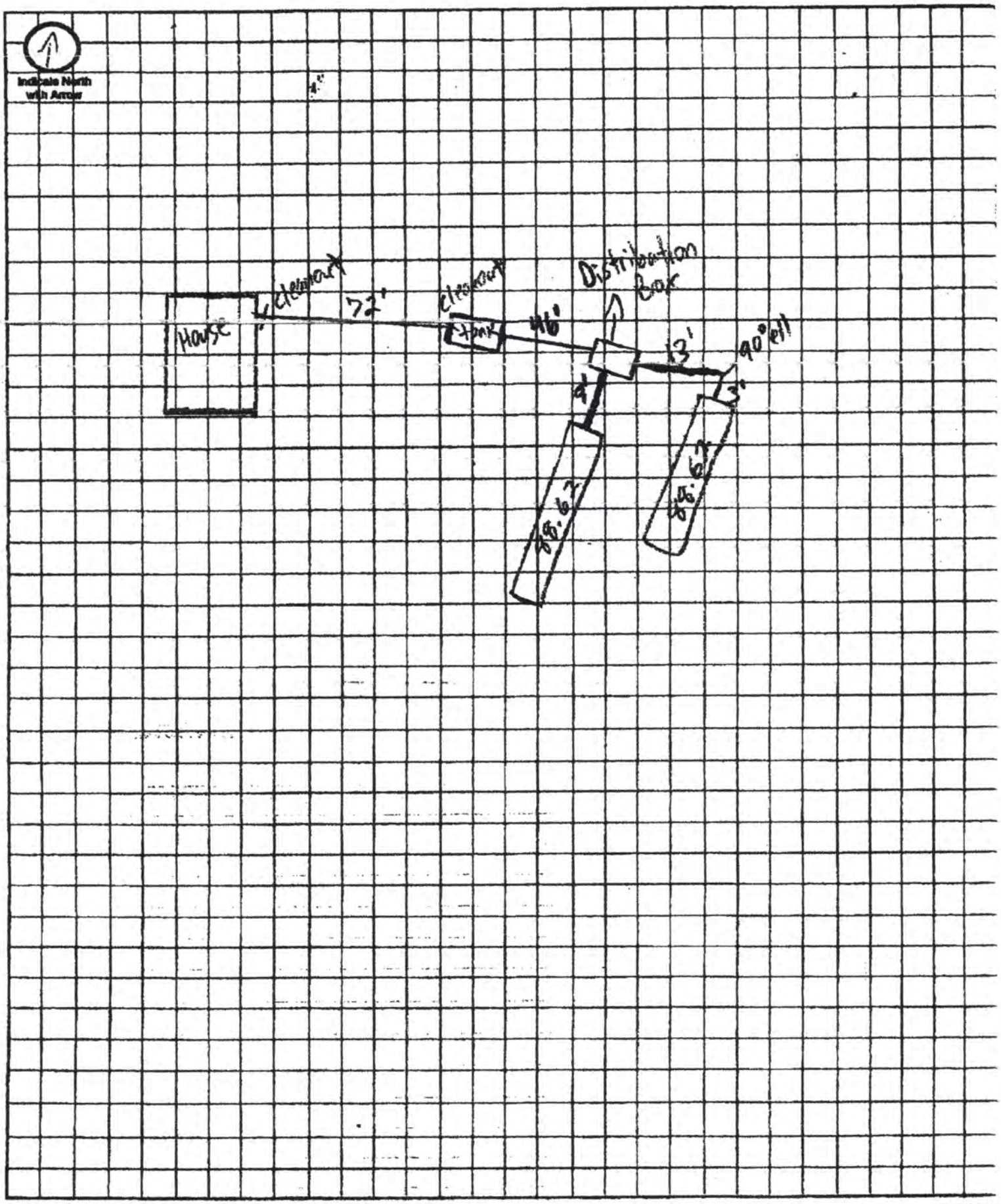
Indicate North with Arrow

Individual Sewage System Design (Example)



RM 23-103 10-98

As Built Drawing



Approximate Scale: _____ ft. = _____ grid lines