Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380216401

Issued 04/05/00
Expires 10/05/00
Revenue Code 3157

FEES: $150.00

Establishment

RUSSELL R DLOUHY
T9N R5E SEC 2
RIDGE PARK-1ST BLK 1 LOT 2
2830 SW 72 ST

TOTAL: $150.00

Permitee

RUSSELL R DLOUHY
12500 S 82 ST
ROCA NE 68430

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

012851

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

A

Permit Number: 0038021/64

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 8830 S.W. 72ND ST. (no rural route) City Lin NE, Zip

Legal Description 1/4 2 1/4 Section 9N Township 5E Range Ridge Park Subdivision 1st add. Addition 1 Block 2 Lot

Geographical Location (if known): Longitude Latitude

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

B. Owner

Name Dlouhy Signature Russell R Dlouhy

Address 12500 S 82 City/State/Zip Roca NE 68430

☐ Check if owner designed system Home Phone 423-9389 Work Phone 5605545

C. Contractor

Name Dlouhy Russ Company Name Dlouhy Homes

Address 12500 S82 City/State/Zip Roca NE 68430

☐ Check if contractor designed system Work Phone 560 5545

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

Designer Name Heirs Plambing Firm Work Phone

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 4 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 3/31/00 Date frwd 3/31/00 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Wood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 3/31/00 Date frwd 3-31-00 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 3-31-00 Date frwd 3-31-00 ACTION ☒ Approved ☐ Disapproved Signature

Installation Final Written Approval

By Doug Arnold

Date 5/8/00

Business Office Use Only

Date Rec'd 03/31/00

Amt Paid 150 CK

Rec'd By Cash/Check No. 4063

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: 00380216 4

Lot 2 Blk 1
Ridgepark 1st Add

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

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

Owner _____ Addresss _____

Soil Type (SCS): SHARPSBURG SILTLY CLAY LOAM Percolation Rate: 60 min./inch

Date of Tests _____ to _____ Weather: Precipitation — Temperature 50

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	30	9-21	705		7:00	9-21	1035	18 5/8 ~~18~~	9-21	1105	30	3/4	40 MIN/IN
2	24					9-21	1035	14 1/2	9-21	1105	30	1/2	60 MIN/IN
3	30							16 1/4				1/2	60 MIN/IN
4	24							14 3/8				5/8	48 MIN/IN
5	30							19 1/2				1	30 MIN/IN
6	30							18 1/2				1	30 MIN/IN
7	30							21				3/4	40 MIN/IN
8	30							20				1/2	60 MIN/IN

Sum of Percolation Rates: _____
Average of Rates: _____
Rate Used for Calculation: 60

Person Conducting Percolation Tests

Name: Larry Schesnak
Phone: 489 7294
Address 8300 old cheney Rd

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

RECEIVED
SEP 23 1999

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date MARCH 31, 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

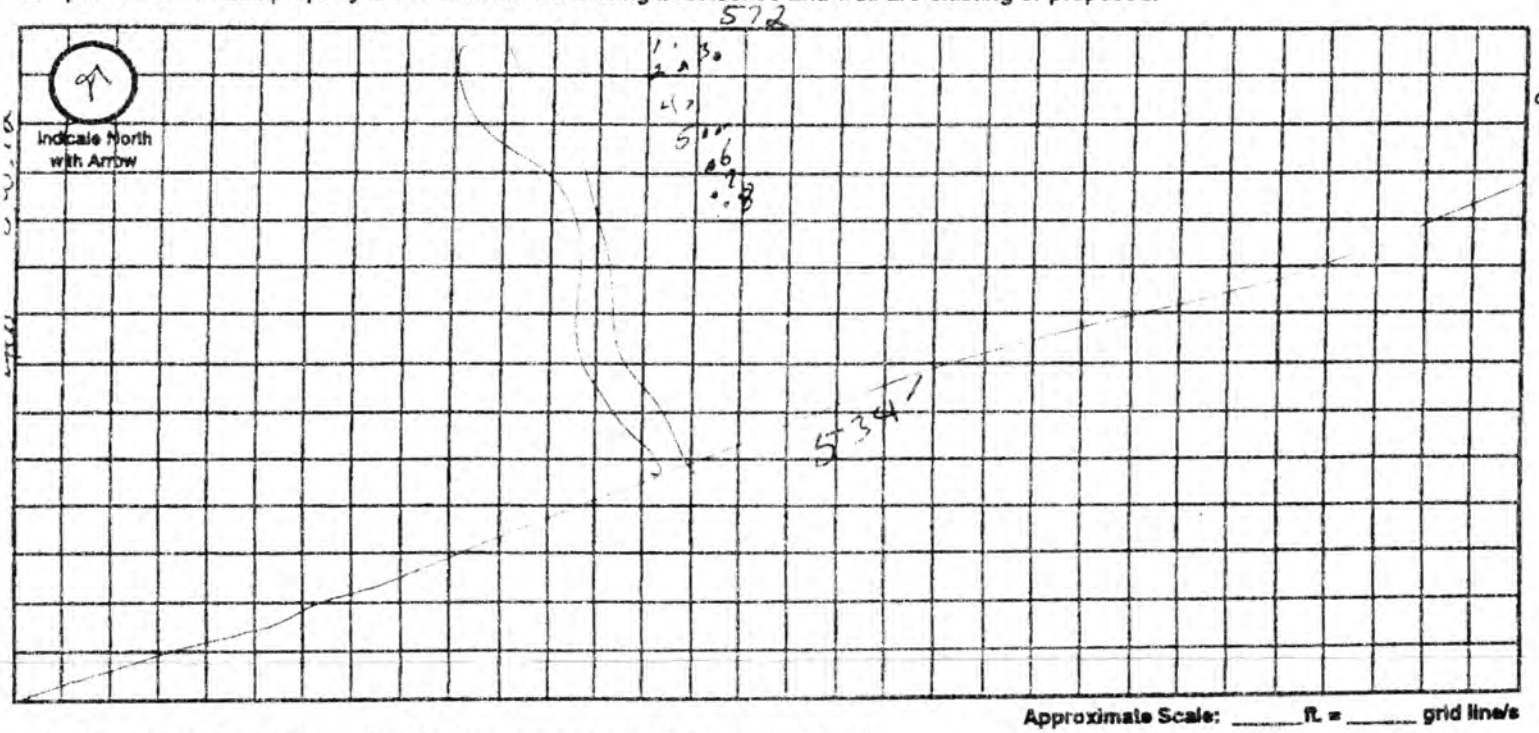
C

Permit Number: 00380216 4

Lot 2 Blk 1
Ridge Park 1st Add.

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) _____ 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 60 (min. per Inch) Soil Type: _____ Land Slope: _____ %

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

Total Square Feet of Field Required: 1400 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 350 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 Lynell R Ely Date 3-31-00

Installer Larry Schwarck trenching Date 9-21-99

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

D

Permit Number:

Ridge Park 2-9-5

Sewage Disposal System

As Built Plans & Specifications

Date 5-5-00 Lot 2 BLK

System Location (Indicate correct number and street)

Address 2830 So 72nd (no rural route) City Lincoln NE, Zip

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: _____ ft.
4. Number of clean-outs: _____
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: 10 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: plastic Drop boxes
   Number available outlets: _____
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 15-8-11-10 ft.

D. Absorption Field

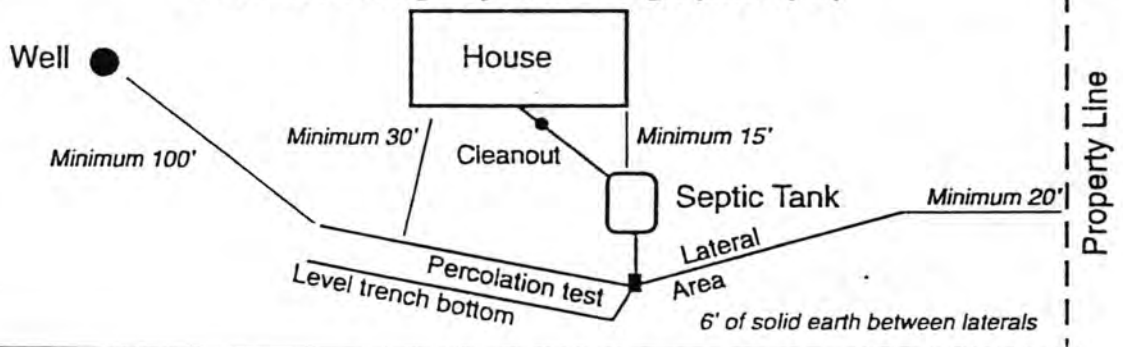
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 15" Infiltrator
   or perforated pipe: 4"
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 6
   Length of each line: 48-40 ft. 100 ft.
   63 ft. 75 ft., 100 ft.
   238' perf
   188' infiltrator
3. Trench dimensions: Width 4 & 3 ft.
   Slope 2 in/100 ft.
   Average depth 28" in
4. Filter material: Road Gravel
   Depth of material 16" in.
5. Distances to: Well or suction line 100' 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

Lincoln-Lancaster County Health Department

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

Permit

WATER WELL
NEW WATER WELL CONSTRUCTION

Permit # 00400088001

Issued 04/05/00
Expires 10/05/00
Revenue Code 3162

Establishment

RUSSELL R DLOUHY
T9N R5E SEC 2
RIDGE PARK-1ST BLK 1 LOT 2
2830 SW 72 ST

FEES: $75.00

TOTAL: $75.00

Permitee

RUSSELL R DLOUHY
12500 S 82 ST
ROCA NE 68430

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

012850

PID 03-02-207-002-000

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

Permit No. 004000880

V 10-24-00

Request for Site Clearance and Permit for Individual Water Well

The undersigned hereby requests:

- ☒ Site Clearance and Permit to construct a new individual water well - $75.00
- ☐ Annual Permit for an existing well - $50.00
- ☐ Permit to repair or alter existing well involving opening of well - $25.00

1. Well Site Address 2830 S. W. 72ND ST City Lin, NE Zip _____
(No Rural Route Please)
Legal description of property:
Twp 9N; Range 5E; Section 2; Block 1; Lot 2; Addition Ridge Park 1st

2. Well use: ☒ Residential; ☐ Commercial; ☐ Other; Describe: _____

3. Distance to Public Water Supply more than a mile feet.

Signature of Owner Russell R Dlouhy

Print Name Russell R Dlouhy
Current Address 12500 S 82
Roca NE 68430
Current Home Phone 423 5389
Work Phone 560 5545

Signature of Contractor Russell R Dlouhy

Print Name Russ Dlouhy
Address 12500 S 82 Roca
NE 68430
Home Phone 423 5389
Work Phone 560 5545
Cellular Phone _____

Sewage Permit Applied for: ☒ Yes ☐ No ☐ Not applicable

Please Submit Permit Fee with This Request

Please Do Not Write Below This Line

Approval Process: Lincoln Municipal Code 8.44

1. Health Department — Date received 3/31/00; Date forwarded 3/31/00 — ACTION ☒ Approved ☐ Disapproved Signature: Jerrold C. Hood
2. Building & Safety — Date received 3-31-00; Date forwarded 3/31/00 — ACTION ☒ Approved ☐ Disapproved Signature: [signature]
3. City Engineer — Date received 3/31/00; Date forwarded ___/___/___ — ACTION ☒ Approved ☐ Disapproved Signature: [signature]

REMARKS OR REASONS FOR DISAPPROVAL: _____

Site Visits:
Date: 8/22/00 By Jerrold C. Hood Depression by well
Date: ___/___/___ By _____
Date: ___/___/___ By _____

Installation Final Written Approval
By: Doug Smith
Date: 08/30/2000

Nitrate Level 1.1 mg/L
Chloride Level _____ mg/L
Bacteriological Analysis Satisfactory
Yes X No ____
Other _____

Business Office Use Only
Date Rec'd: 03/31/00
Amt Paid: $ 25
Rec'd By ____ Cash/Check No. 4058

Distribution:
White - Health Dept. Lt. Green - Engineer Lt. Blue - Bldg Inspector

Moser Well Drilling and Service Inc.

Marvin Moser
Hickman, NE

Bill Moser
Roca, NE

Allen Moser
Hickman, NE

Chris Thornton
Hickman, NE

Hickman, Nebraska 68372
Phone: (402) 792-2515
Lincoln: 477-7291

Pumps & Well Supplies - Trenching - Drilling

Date: 5/2/00 Well #: 41-00 Driller: Bill

Owner/Builder: R & D Homes, (Russ Dlouhy), 12500 South 82nd St., Roca, Ne 68430 Phone # 423-9389

Location: 2830 S.W. 72nd - Ridge Park - Which is basically S.W. 72nd & W. Van Dorn Street

0- 30 Brown clay
30-150 Blue clay
150-175 Red and white shale
175-210 Gray shale w/layers of hard limestone
210-225 Fine sandstone and shale
225-245+Fine sandstone

Depth: 239' Elevation:

Casing Information

Type: pvc Thickness: 200#
Length: 224' Diameter: 4"
Bore Size: 8.5" SWL: 73' M
PWL: GPM: 100 w/air

Filler Pack: 20-220'
Grout: 6-20'

Screen

Length: 15' Diameter: 4"
Type: pvc monoflex Slot: .018
Area of:
Screen(s):224-239'
Pack: 220-240'
Type of Pack: "B"

Chemical Analysis

Total Chlorides: 40
Hardness:
Nitrates:
Bacteria:
Iron:

Lancaster/Denton

STATE & CTY SENT 6/5/00

T.N. 9 R.E. 5 SEC. 2

REG# G-106803 8/21/00

41-00.max

JUN 6 2000

entering 10-24-00

FORM: 20223-0483
REQUEST FOR SITE CLEARANCE AND PREMIT
FOR INDIVIDUAL WATER WELL
CITY ORDINANCE NO. 13558
FILE NO. 00400880

LINCOLN-LANCASTER COUNTY
HEALTH DEPARTMENT
3140 "N" STREET LINCOLN, NE 68510-1514

PID # 03-02-207-002-000

DATA SHEET FOR WATER WELL

Legal Description: Sec. 2 T. 9 R. 5 Block ____ Lot ____ Addition 2830 S.W. 72ND, LINCOLN

Owner R & D HOMES Address 12500 S. 82ND, ROCA, NE 68430

LOG OF WELL	
Depth Ft to:	Description
0- 30	BRN CLAY
30-150	BLUE CLAY
150-175	RED & WHITE SHALE
175-210	GRAY SHALE W/LAYERS OF HARD LIMESTONE
210-225	FINE SS AND SHALE
225-245+	FINE SS

WELL COMPLETION RECORD

Drilling Method: ROTO/WATER

Depth (from ground level). Ft. 239'

Date Completed 5/2/00

Casing: Length, Ft. 224' :Dia. In. 4"

Wall Thickness, Inc. .214" :Type PVC

Screen: Length, Ft. 15' Dia. In. 4"

Type MONOFLEX , Slot Size .018

Drop Pipe: Length, Ft. 110' Dia. In. 1"

Water Level, Surface to top of water, Ft.:

Static 73' M , Pumping 75' EST

Yield: 10 gpm, Measured XX . Est. ____

Chlorination Completed Yes XX No ____

The above informatioin including "Log of Well" is a true record of the job performed by me.

Driller BILL MOSER
(Signed)

Address: P.O. BOX 308
HICKMAN, NE 68372-0308

Date: 5 JUNE 00

Remarks NITRATE NITROGEN 1.1 p.p.m.

DO NOT WRITE BELOW THIS DOUBLE LIN

Health Department forwarded copy of record to Nebraska Conservatioin and Survey Department for Scientific Record ____

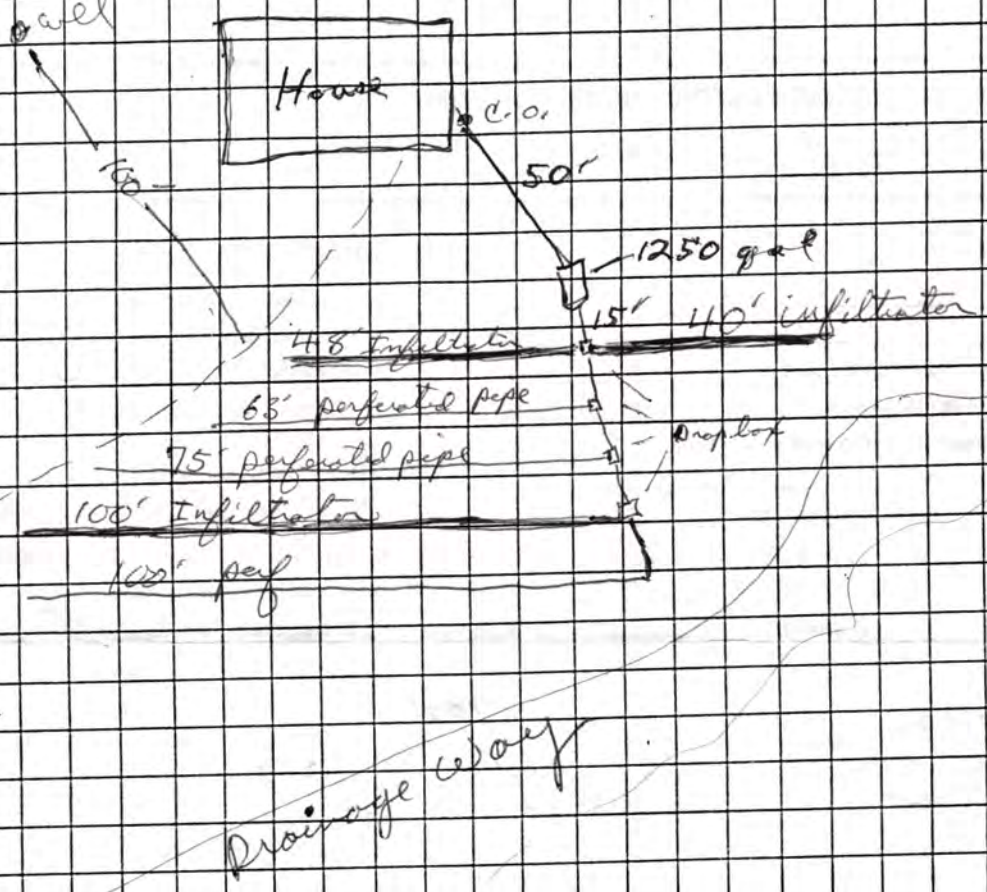
9-5-2 Ridge Park Blk 1, Lot 2

As Built Drawing

by Larry Schwarck for R+D const.

2830 SW 5W 72nd

Indicate North with Arrow



Drainage way

238' Perf. pipe total

188 Infiltrator

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