Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

006121

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380294901

Issued 12/30/04
Expires 06/30/05
Revenue Code 3157

Establishment
JOHN W VIRTS
T8N R6E SEC 15
LOT 27IT
1301 W WITTSTRUCK RD-ROCA

FEES: $200.00

Permittee
JOHN W VIRTS
7933 S 16 ST
LINCOLN NE 68512

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

DEC 23 2004

A

Permit Number: 05380294901

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 1301 "W" WITTSTRUCK RD (no rural route) City ROCA NE, Zip 68430

Legal Description 1/4 15 1/4 Section 8N Township 6E Range ~~NW 27~~ I.T. 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 JOHN VIRTS Signature John W. Virts

Address 7933 SO 16TH City/State/Zip LINCOLN NE 68512

☐ Check if owner designed system Home Phone 440-8189 Work Phone 475-4591 EX 4025

C. Contractor

Name MELVIN GAGNER Company Name GAGNER CONST.

Address 4810 W" CLAIRE AVE City/State/Zip LINCOLN NE 68523

☐ Check if contractor designed system Work Phone _____

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

Designer Name Melvin Gagner Firm Gabner Constr Work Phone 402-797-2365

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 12-30-04 Date frwd 12-30-04 ACTION ☒ Approved ☐ Disapproved Signature Ron Mayhew
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 12-30-04 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 12/30/2004 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By _____

Date 3/17/05

Business Office Use Only

Date Rec'd 12/23/04

Amt Paid 200.00

Rec'd By _____ Cash/Check No. 6338

FORM 23-100 9-00 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

Lincoln-Lancaster County Health Department
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DEC 23 2004

B

Permit Number: 053802949

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 1301 W WITTSTRUCK Rd City ROCA NE, Zip 68430
(no rural route)

Owner JOHN VIRTS Addresss 7933 SO 16TH 68512

Soil Type (SCS): _____ Percolation Rate: _____ min./inch

Date of Tests 12/10/04 to 12/11/04 Weather: Precipitation 0 Temperature 40

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	24	12/10	10:00	12/11	11:00	12/11	11:00	6	12/11	11:30	30	1/2	
2	30	"	"	"	"	"	"	"	"	"	"	5/8	
3	32	"	"	"	"	"	"	"	"	"	"	1/2	
4	30	"	"	"	"	"	"	"	"	"	"	3/4	
5	31	"	"	"	"	"	"	"	.1	"	"	5/8	
6	32	"	"	"	"	"	"	"	"	"	"	5/8	

Person Conducting Percolation Tests

Name: Mel Eagner
Phone: 402-432-5690
Address 4810 W CLAIRE AVE
LINCOLN NE. 68523

Sum of Percolation Rates: _____
Average of Rates: _____
Rate Used for Calculation: 48

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

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

DEC 2 3 2004

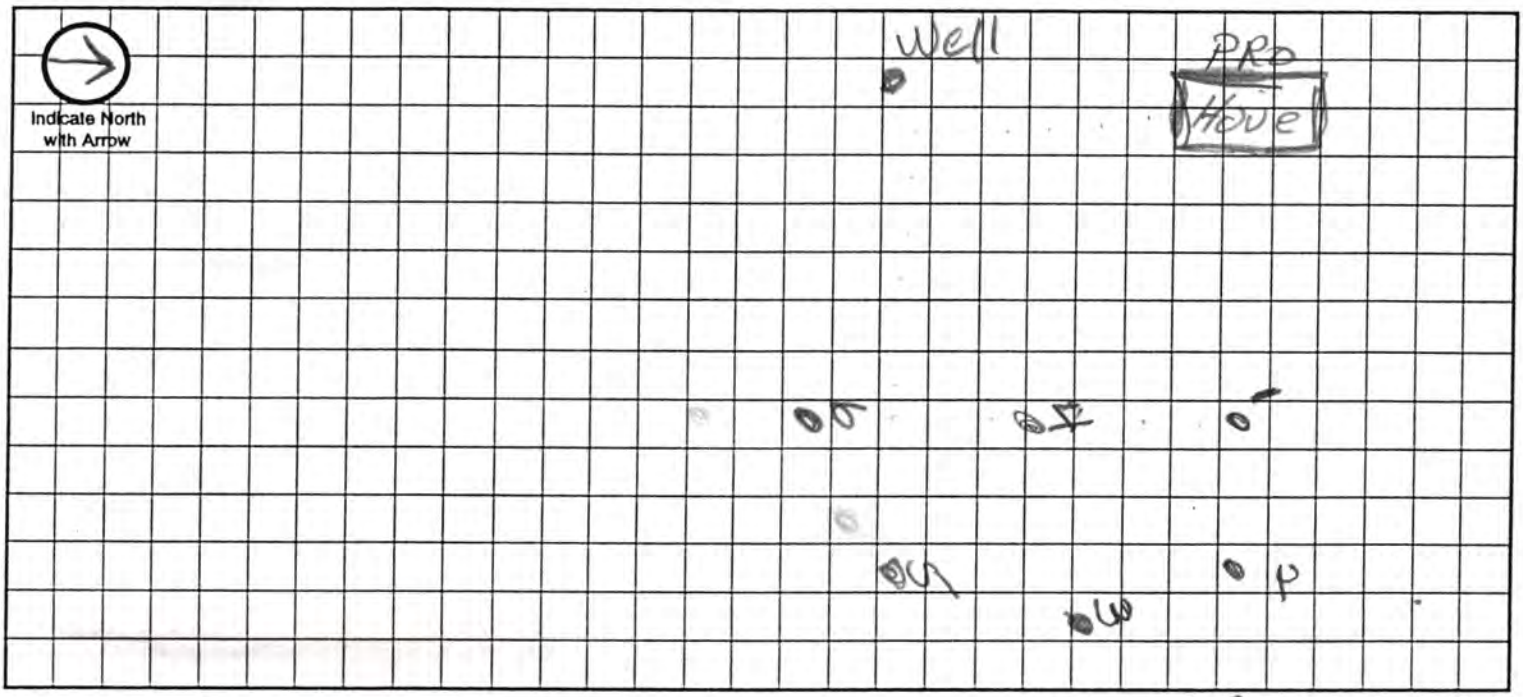
C

Permit Number: 053802949

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: 20 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 1301 "W" WITTSTRUCK RD City ROCA NE, Zip 68430

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: 2 %

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 1250 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 ☐	☐

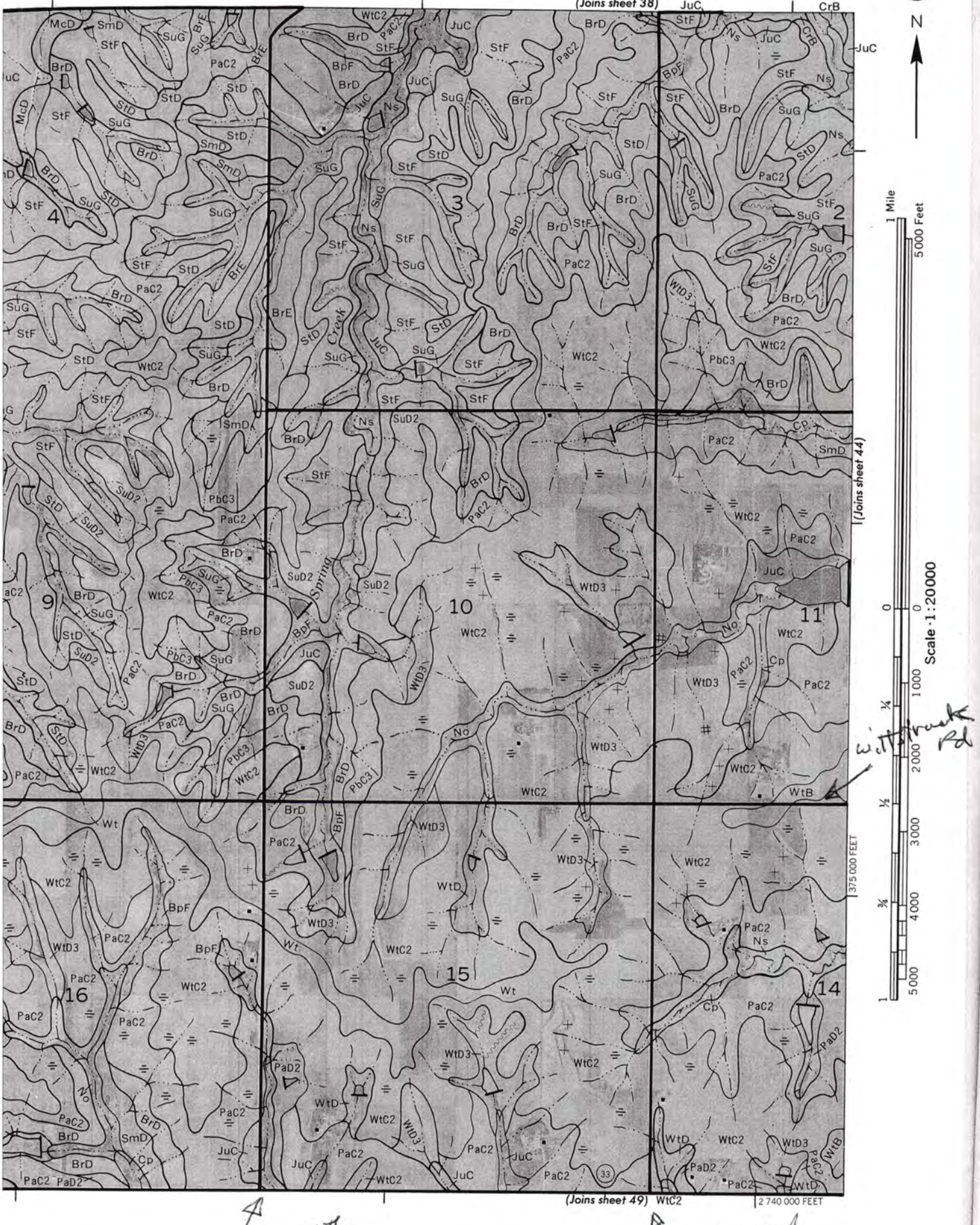
E. Required Signatures

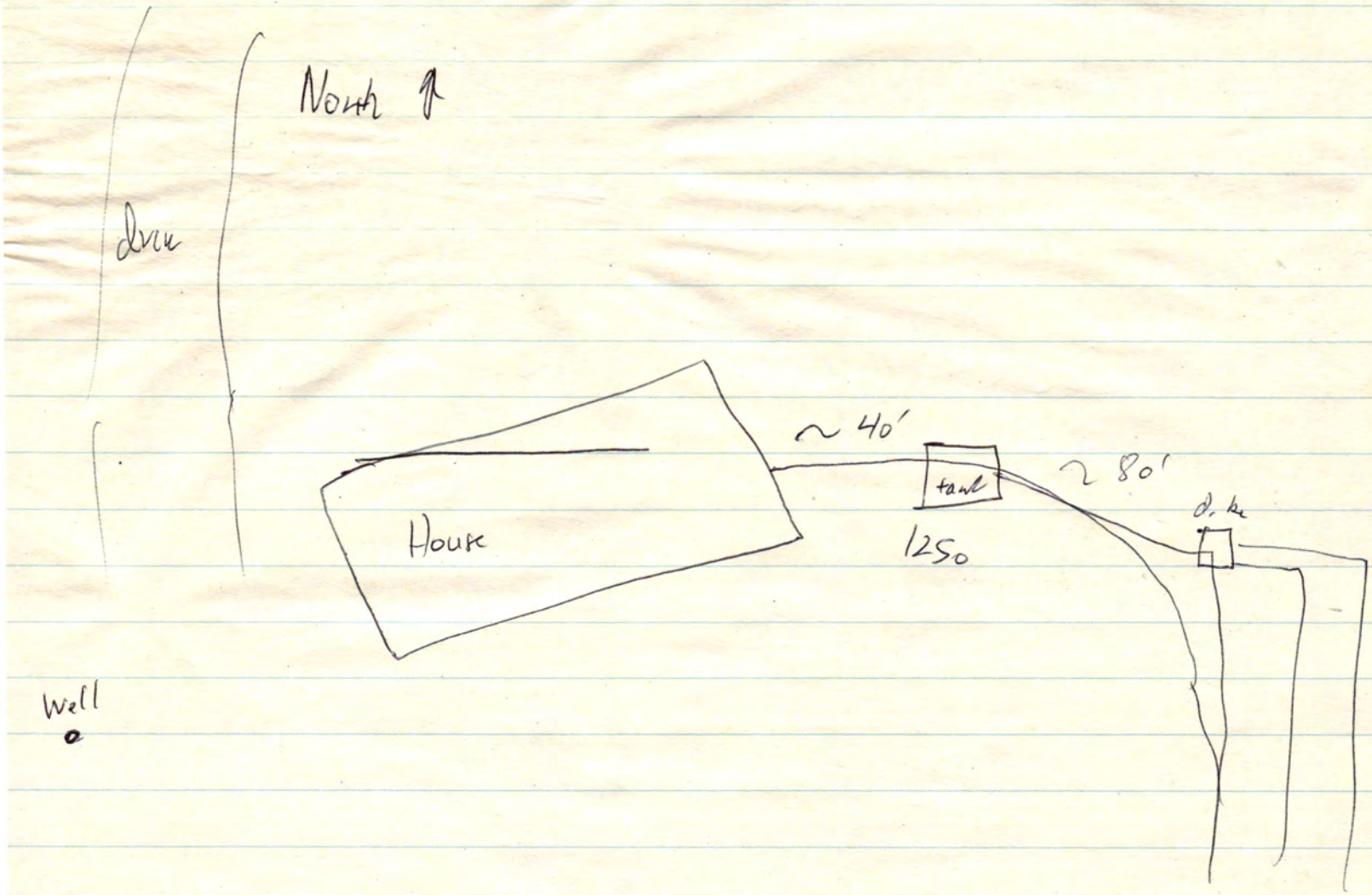
Home Building Contractor John W. Weis Date 12-11-04

Installer Melvin F. Gagner Date 12-11-04

FORM 23-102 10-96

– SHEET NUMBER 43




North
drive
House
~ 40'
tank
1250
~ 80'
d. h.
well

Lincoln-Lancaster County Health Department
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Phone: 402-441-8022

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 17 MAR 05 John Virts

System Location (Indicate correct number and street)

Address 1301 West WITTSTRUCK Rd. City ROCA NE, Zip

(no rural route)

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 43 ft.
4. Number of clean-outs: 0
5. Distances to: well or suction line OVER 100 ft.
   stream NA ft.
   pressure line NA ft.
   property line OVER 20 ft.

B. Septic Tank

1. Material: CEMENT
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter ____ in.
   Over outlet, diameter ____ in.
   Riser: ☐ above ☒ below grade 8 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 OVER 100 ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line OVER 20 ft.

C. Distribution Box

1. Material: PLASTIC
   Number available outlets: 6
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 9'6" ft.

D. Absorption Field

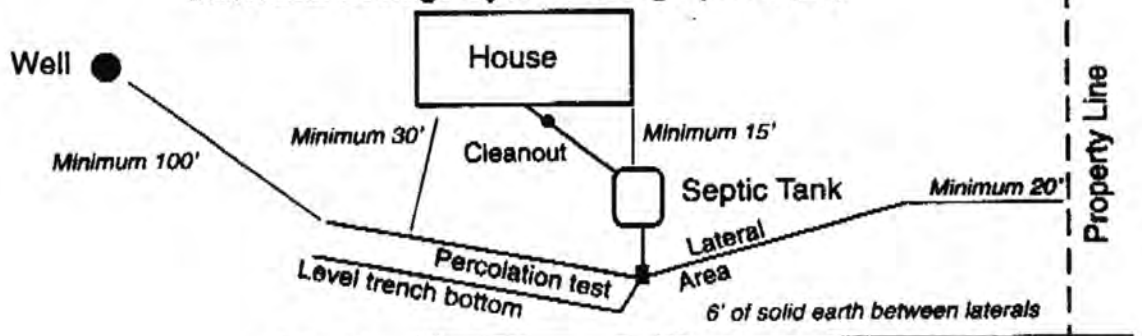
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☒ Perforated pipe
   Diameter of half round: ____
   or perforated pipe: ____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 4
   Length of each line: 100 ft. 100 ft.
   100 ft. 27 ft., ____ ft.
3. Trench dimensions: Width 36 ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: GRAVEL
   Depth of material 12 in.
5. Distances to: Well or suction line OVER 100 ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line OVER 20 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing

1301 W. Wittstruck Rd.

