Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

005741

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 04380290501

Issued 09/30/04
Expires 03/30/05
Revenue Code 3157

Establishment:
JOHN DERR
T9N R5E SEC 11 QTR NE
ALSO S1/2OFNE1/4EXRY LOT 4&5
6909 W PIONEERS BLVD-DENTON

FEES: $200.00

Permittee:
JOHN DERR
2420 JAMESON SOUTH
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

A

Permit Number: 043802905

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 6909 W Pioneers (no rural route) City Denton NE, Zip 68339

Legal Description Lot 4 & 5 NE & S 1/2 NE EX RY Sec 11-9-5 (85 acres)
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 John Derr Signature _____

Address 2420 Jameson S. City/State/Zip Lincoln Ne 68512

☐ Check if owner designed system Home Phone 402-423-1041 Work Phone 402-540-8034

C. Contractor

Name Melven Gagner Company Name Gagner Const.

Address 4810 W Claire City/State/Zip Lincoln Ne 68523

☑ Check if contractor designed system Work Phone 402-432-5698

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

Designer Name Melvin F. Gagner Firm Gagner Const Work Phone 432-5698

E. This System Will Serve a

☑ Residential Dwelling Number of Bedrooms 5 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 9/30/04 ACTION ☒ Approved ☐ Disapproved
   Date frwd _____ Signature Doug Amack
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd _____ ACTION ☐ Approved ☐ Disapproved
   Date frwd _____ Signature _____
3. **City or County Engineer** Date rec'd _____ ACTION ☐ Approved ☐ Disapproved
   Date frwd _____ Signature _____

tank, line, lateral, field Note

Installation Final Written Approval

By Doug Amack

Date 10/5/04

Business Office Use Only

Date Rec'd 9/30/04

Amt Paid 200.00

Rec'd By CW Cash/Check No. 12 (1270)

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

Jerry Hood Doug 4418029 8031

Lincoln-Lancaster County Health Department
Environmental Health Division
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B

Permit Number: 043802905

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 6909 "W" PIONEERS City DENTON NE, Zip 68339
(no rural route)

Owner John Derr Addresss 2420 JAMESON ST. LINCOLN NE 68512

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

Date of Tests 6-9-03 to 6-10-03 Weather: Precipitation Cloudy Temperature 83

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	6-9	1:00	6-10	4:00	6-10	5:10	6	6-10	5:40	30	2	
2	31	"	"	"	"	"	"	"	"	"	"	2	
3	29	"	"	"	"	"	"	"	"	"	"	1 7/8	
4	29	"	"	"	"	"	"	"	"	"	"	1 3/4	
5	30	"	"	"	"	"	"	"	"	"	"	2	
6	30	"	"	"	"	"	"	"	"	"	"	2	

Person Conducting Percolation Tests

Name: Melvin F. Wagner
Phone: 402-432-5698
Address 4810 "W" Claire Ave.
Lincoln NE 68523

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

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

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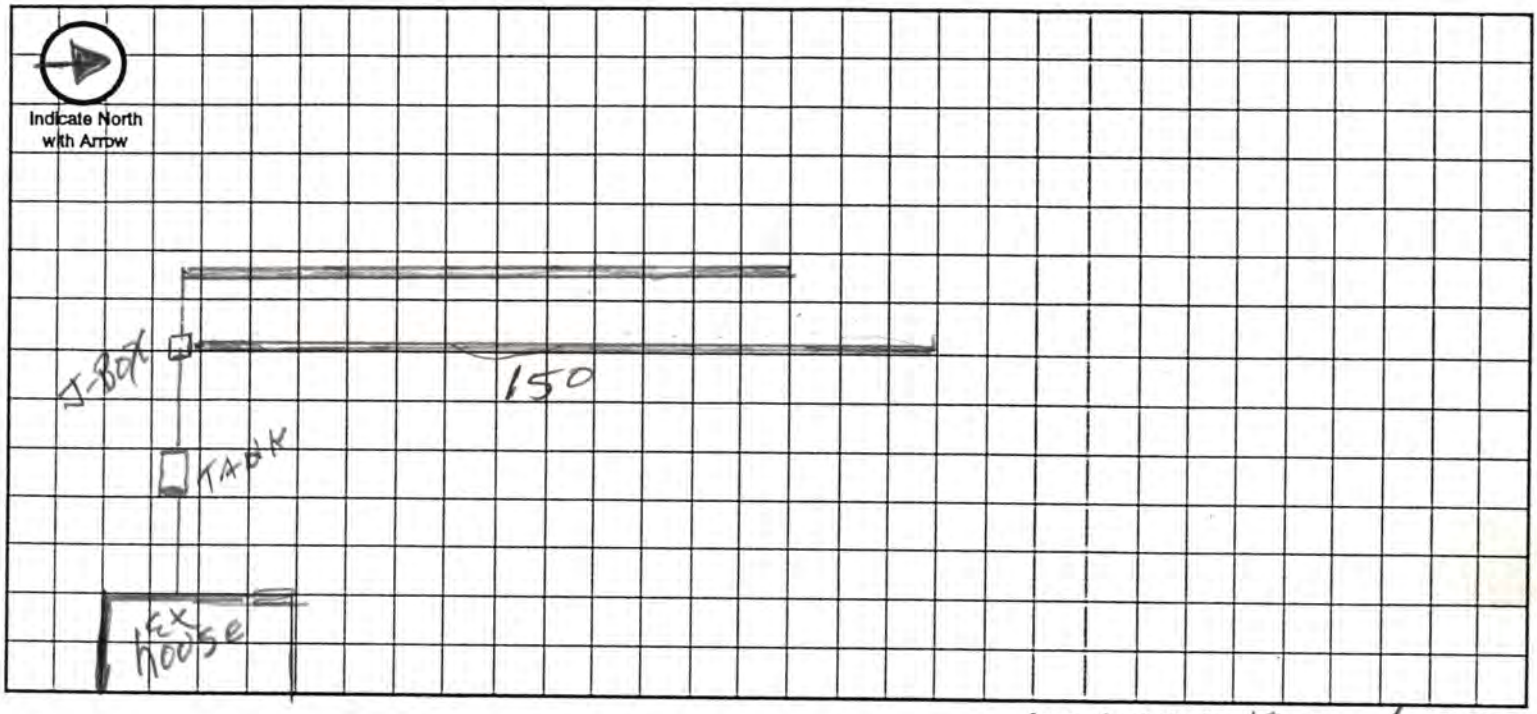
C

Permit Number: 04380295

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: 10 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 6909 "W" PIONEERS City DENTON NE, Zip 68339

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate _____ (min. per inch) Soil Type: _____ 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: INFILTRATORS

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 263 ft. Number of Trenches 2 Trench Width 4

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

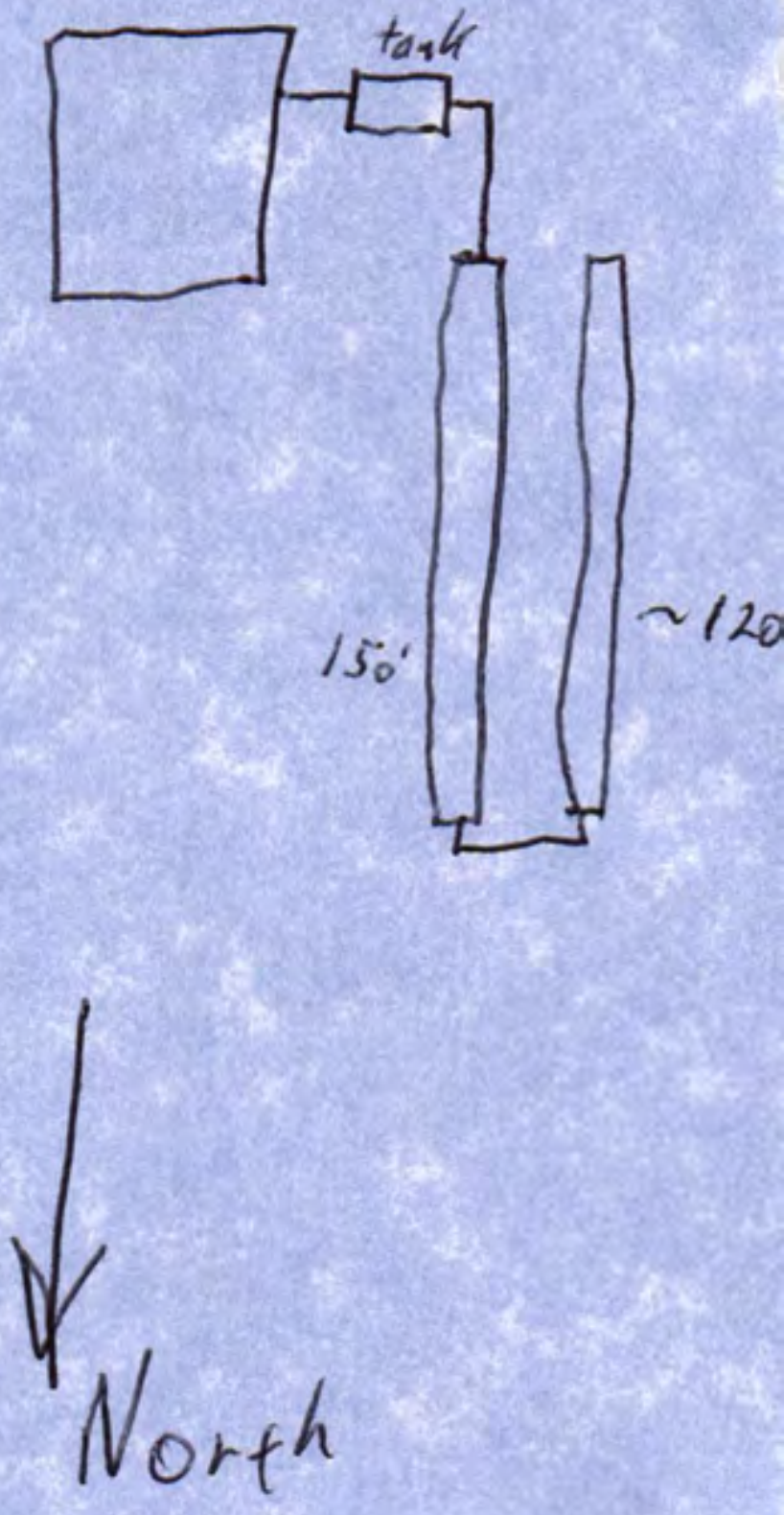
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☐	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor John Doe Date 7-16-03

Installer Melvin Hagen Date 7-16-03

FORM 23-102 10-96


tank
150'
~120
North

Lincoln-Lancaster County Health Department
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D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

T9, R5, Sec 1

Date 4OCT04 John Dorn

System Location (Indicate correct number and street)

Address 6909 W. Pioneer City Denton NE, Zip 68339
(no rural route)

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: 48 in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: 16 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line OVER 100 ft.
   stream NA ft.
   pressure line OVER 30 ft.
   property line OVER 20 ft.

B. Septic Tank

1. Material: poly
   Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade 6 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 OVER 100 ft.
   Stream NA ft.
   Pressure line OVER 30 ft.
   Property line OVER 20 ft.

C. Distribution Box

1. Material: PVC
   Number available outlets: 6
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 5 ft.

D. Absorption Field

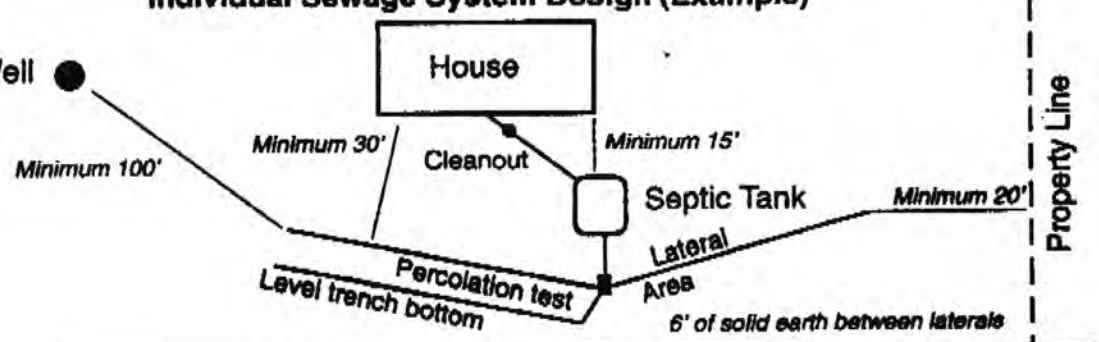
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other INFILTRATOR
2. Lateral lines: Number 2
   Length of each line: 150 ft. 115 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 36 ft.
   Slope 0 in/100 ft.
   Average depth 28 in
4. Filter material: NA
   Depth of material NA in.
5. Distances to: Well or suction line OVER 100 ft.
   Stream NA ft.
   Pressure line OVER 30 ft.
   Property line OVER 20 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)

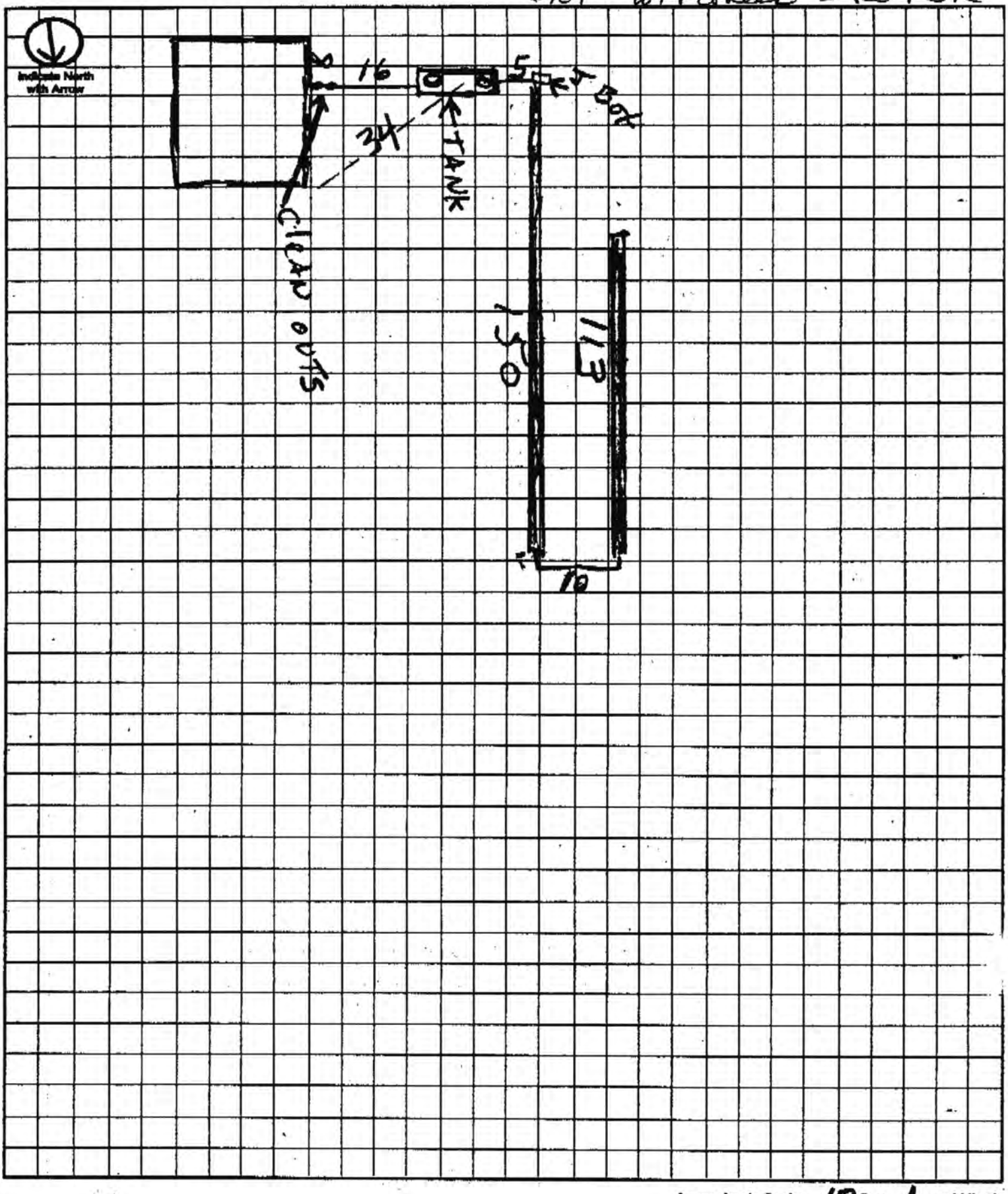


FORM 23-103 10-96

10/07/2004 19:12 14027977475 GAGNER PAGE 01

As Built Drawing

6909 W. Pioneer – Dayton John Deere



Approximate Scale: 10 ft. = 1 grid line/s