Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET . LINCOLN, NE 68510-1514

002866

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380267301

Issued 07/17/03
Expires 01/17/04
Revenue Code 3157

Establishment

BRIAN B WALKER
T8N R7E SEC 26 QTR SW
LOT 27IT
18800 S 82 ST-HICKMAN

FEES: $200.00

Permittee

BRIAN B WALKER
18800 S 82 ST
HICKMAN NE 68372

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: 033802673

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 18800 So 82 (no rural route) City Hickman NE, Zip 68372

Legal Description SW 26 8N 7E 29 I.T.
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 Brian B. Walker Signature Brian B Walker

Address 18800 So 82 City/State/Zip Hickman Nebr 68372

☑ Check if owner designed system Home Phone 792-3380 Work Phone 820-0801 Pager

C. Contractor

Name _____ Company Name _____

Address _____ City/State/Zip _____

☐ Check if contractor designed system Work Phone _____

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 7/17/03 Date frwd 7/17/03
   ACTION ☑ Approved ☐ Disapproved
   Signature Jerrold C. Hood

2. **Supt. Bldg. Insp. or Village Clerk**
   Date rec'd 11/13/02 Date frwd 11/13/02
   ACTION ☑ Approved ☐ Disapproved
   Signature Harry Vetta

3. **City or County Engineer**
   Date rec'd _____ Date frwd _____
   ACTION ☐ Approved ☐ Disapproved
   Signature _____

7-22-03 from drainfield laterals + Inlet Box

Installation Final Written Approval

By Ron Magnuson

Date 7-22-03

Business Office Use Only

Date Rec'd 07/17/03

Amt Paid 200.00

Rec'd By _____ ~~Cash~~/Check No. 1568

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

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B

Permit Number: 033802673

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 18800 So 82 (no rural route) City Hickman NE, Zip 68372

Owner Brian R. Walker Addresss 18800 So 82 Hickman Ne

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: 60 1" min./inch

Date of Tests 11/10 to 11/11 Weather: Precipitation Non Temperature 50°s

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	48	11/10	4:00p	11/11	5:00p	11/11	6:00	6"	11/11	6:30	30	1/2	
2	48	11/10		11/11		11/11	6:00	6"	11/11	6:30	30	1/2	
3	48	11/10		11/11		11/11	6:00	6"	11/11	6:30	30	3/4	
4	48	11/10		11/11		11/11	6:00	6"	11/11	6:30	30	1/2	
5	48	11/10		11/11		11/11	6:00	6"	11/11	6:30	30	1	
6	48	11/10		11/11		11/11	6:00	6"	11/11	6:30	30	1/2	

Person Conducting Percolation Tests

Name: Brian Walker
Phone: 792-3380
Address 18800 So 82

Sum of Percolation Rates:
Average of Rates:
Rate Used for Calculation: 60 MIN/IN

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date JULY 17, 2003

FORM 23-101 10-95

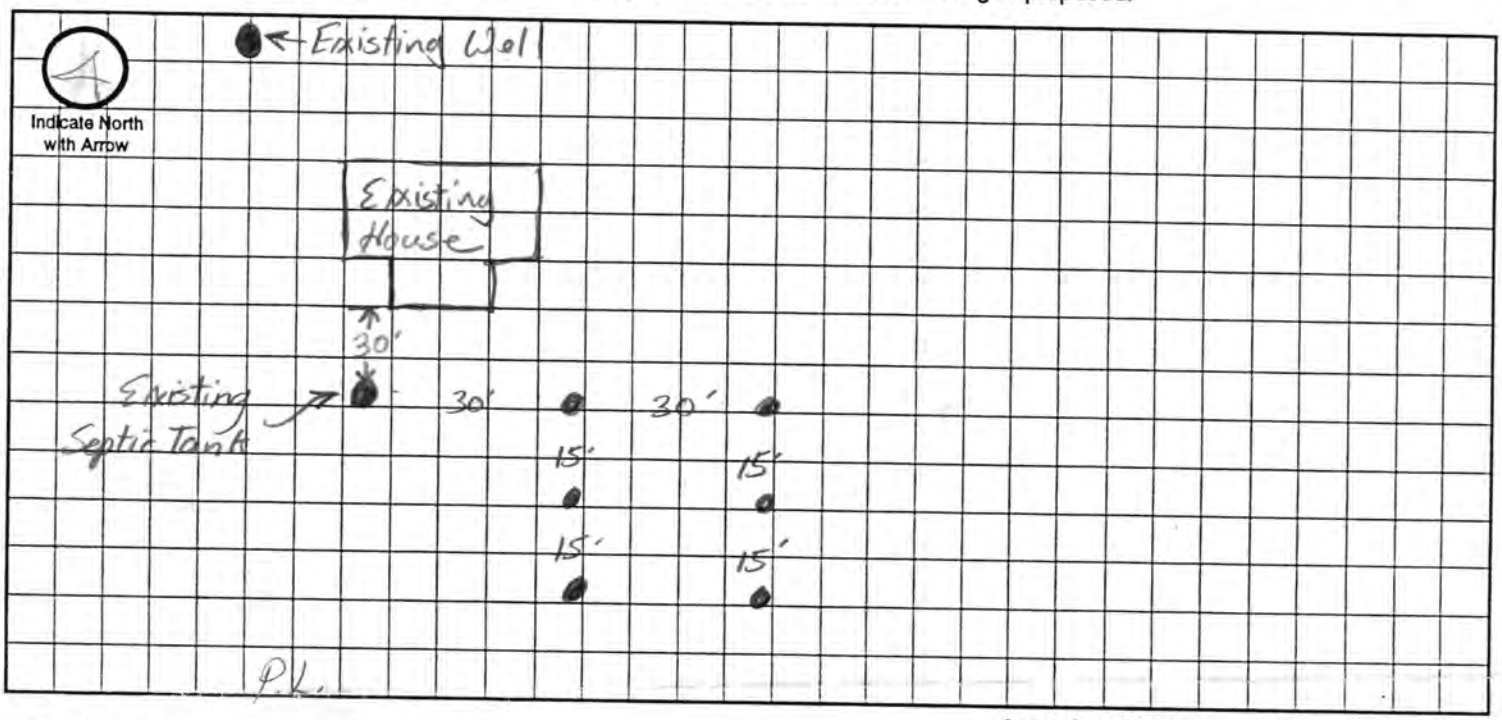
Lincoln-Lancaster County Health Department
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C

Permit Number: 033802673

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) 12800 So 82 City Hickman NE, Zip 68372

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other Existing

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

Percolation Rate 60/1" (min. per inch) Soil Type: WYMORE SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 700 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

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

Total Length of Laterals 175 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 _____ Date _____

Installer Brian B. Walker Date 7-17-03

FORM 23-102 10-96

7-22-03, Looks OK Ron Marquardt LCHD 441-8032 Please fill out this Form D + make as-built drawing on back. Thanks.

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D

Permit Number: 033802673

26-8-7

Sewage Disposal System
As Built Plans & Specifications

Date 7-18 03

System Location (Indicate correct number and street)

Address 18800 So 82 (no rural route) City Hickman NE, Zip 68372

A. Building Sewer

1. Material: _____
   Diameter: _____ 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: Concrete Existing
   Number of compartments: _____
2. Capacity: 800 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 30" in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade 20" in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 20" in.
8. Distances to: Well or suction line 138' ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: _____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 8' ft.

D. Absorption Field

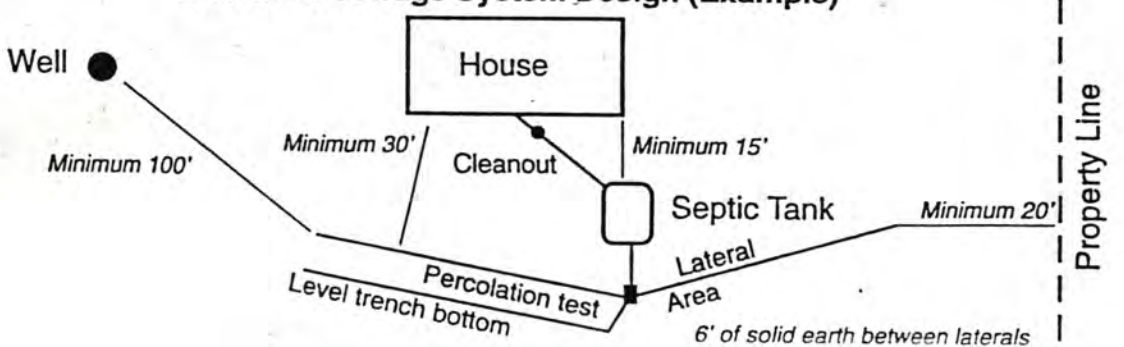
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 32"
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 68' ft. 68' ft.
   50' ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3' ft.
   Slope None in/100 ft.
   Average depth 4 1/2 in
4. Filter material: _____
   Depth of material _____ in.
5. Distances to: Well or suction line 138'+ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line 57' ft.

Indicate North with Arrow

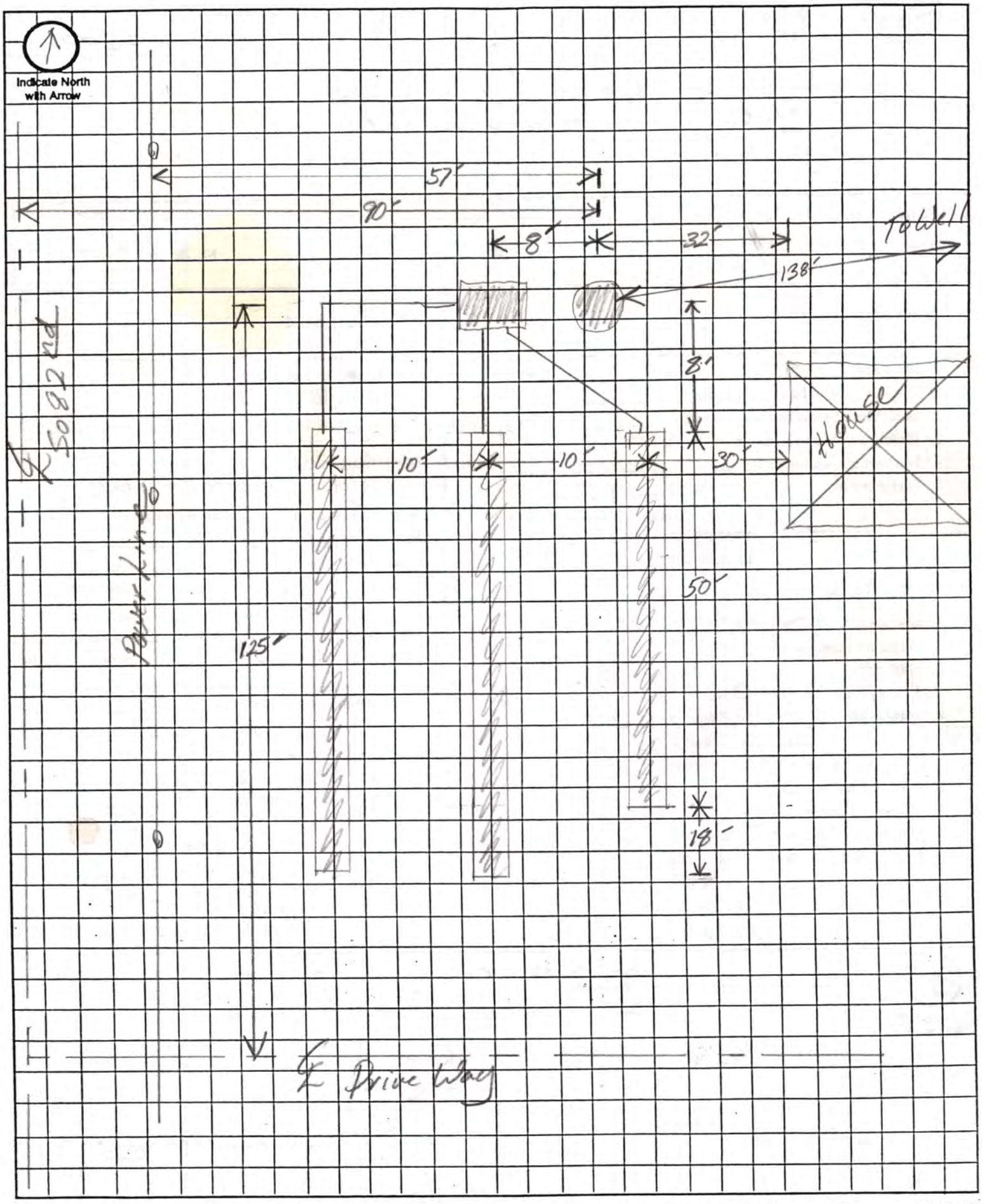
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



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