Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION

Permit # 99380212601

Issued 12/09/99
Expires 06/09/00
Revenue Code 3157

Establishment

FOWLER CONSTRUCTION
T9N R6E SEC 17
IRONWOOD ESTATES BLK 6 LOT 2
3811 BUCKTHORN RD

FEES: $150.00

TOTAL: $150.00

Permitee

FOWLER CONSTRUCTION
6210 S 57 ST
APT B
LINCOLN NE 68516

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

011332

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

A

Permit Number:

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 3811 Buckthorn (no rural route) City Lincoln NE, Zip

Legal Description 1/4 1/4 Section 17 Township 9N Range 6E Subdivision Ironwood Addition Block 6 Lot 2

Geographical Location (if known): Longitude Latitude

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

B. Owner

Name Fowler Const. Signature

Address 6210 So 57 suite B City/State/Zip Lincoln Ne 68516

☐ Check if owner designed system Home Phone Work Phone

C. Contractor

Name Same 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 Larry Scheevack Firm Scheevack Inneberg Work Phone 489-7294

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 12-8-99 Date frwd 12-8-99 **ACTION** ☒ Approved ☐ Disapproved Signature Ron Morgan
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 12/9/99 Date frwd 12/9/99 **ACTION** ☐ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 12-9-99 Date frwd 12-9-99 **ACTION** ☒ Approved ☐ Disapproved Signature Chase Baker

2/100 check lot line setback J.C.H.

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date APRIL 11, 2000

Business Office Use Only

Date Rec'd 12/09/99

Amt Paid 150.00

Rec'd By es Cash/Check No. 1441

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

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B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

Fowler

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 3811 Buckthorn Rd. (no rural route) City Lincoln NE, Zip

Owner Addresss

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: 41 min./inch

Date of Tests 12-6 to 12-7-99 Weather: Precipitation Temperature

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	33	12-6	2:45	12-7	10:30	12-7	2:00	18½	12-7	2:30	30	¾	40
2	11							18½				1	30
3								17				¾	40
4								16¾				¾	40
5								17½				1¼	24
6								15				1	30
7								17¾				¾	40
													244

Sum of Percolation Rates: 244
Average of Rates: 41
Rate Used for Calculation: 40 min/inch

Person Conducting Percolation Tests

Name: Larry Schwarck
Phone: 489-7294
Address 8200 Old Cheney Rd.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Gerrold C. Hood Date DECEMBER 9, 1999

FORM 23-101 10-96

Lincoln-Lancaster County Health Department
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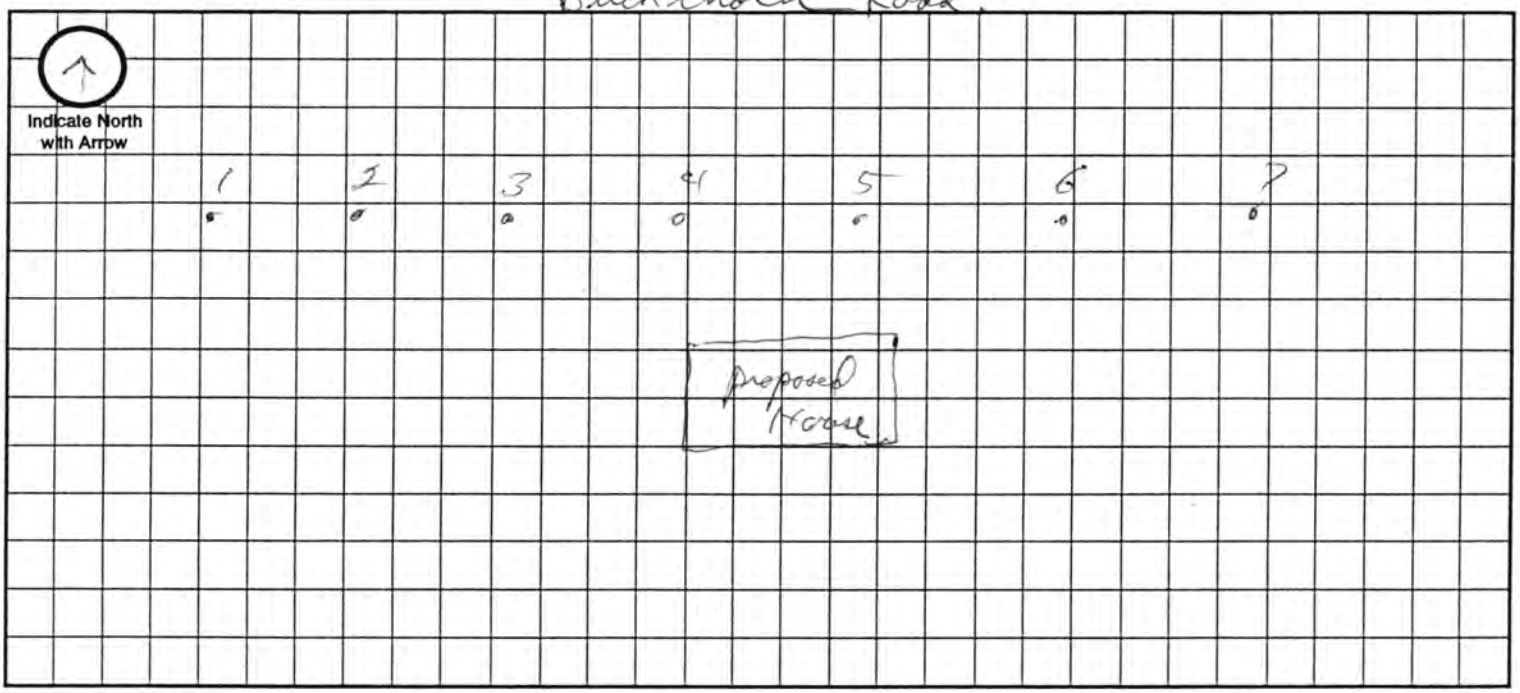
C

Permit Number:

Lot 2 Blk 6
Ironwood Estates

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) 3811 Buckthorn Rd City Lincoln NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 45 (min. per inch) Soil Type: Wymore silty clay loam WTD3 Land Slope: 4-5 %

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

Total Square Feet of Field Required: 970 sq. ft.

3 bed House

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

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 219 ft. Number of Trenches 3 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

X Home Building Contractor _____ Date 12-8-99

Installer Larry Sokolovski Date 12-7-99

FORM 23-102 10-96

APR 1 1 2000

D

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Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 2-1-00

System Location (Indicate correct number and street)

Address ~~6210~~ 3811 Buckthorn City _____ 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: 18" in.
3. Distance between dwelling and septic tank: 100' ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 200 + ft.
   stream — ft.
   pressure line — ft.
   property line 25' ft.

B. Septic Tank

1. Material: Concrete
   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: 36" in.
8. Distances to: Well or suction line 200 + ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: PVC
   Number available outlets: 4
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 30' & 15' ft.

D. Absorption Field

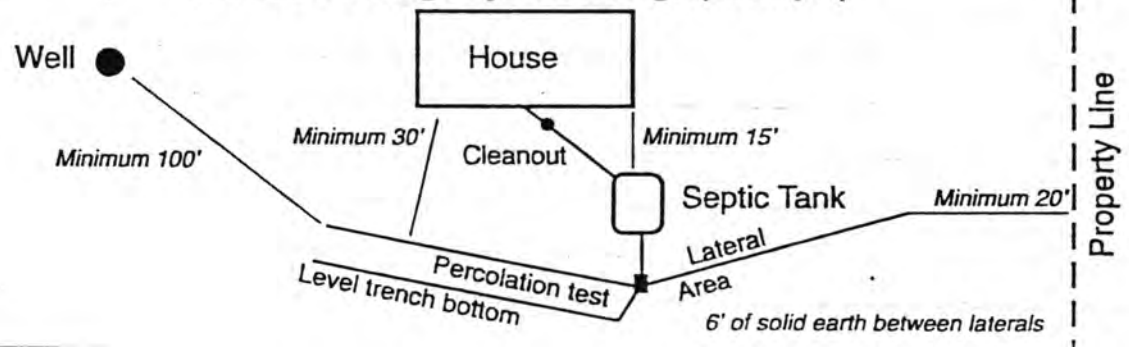
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe ☒ Infiltrator
   Diameter of half round: 16
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☒ concrete
   ☒ other Infiltrator
2. Lateral lines: Number 3
   Length of each line: 100 ft. 100 ft.
   102 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 3 in/100 ft.
   Average depth 30" in
4. Filter material: Road Gravel
   Depth of material 16 in.
5. Distances to: Well or suction line _____ 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)

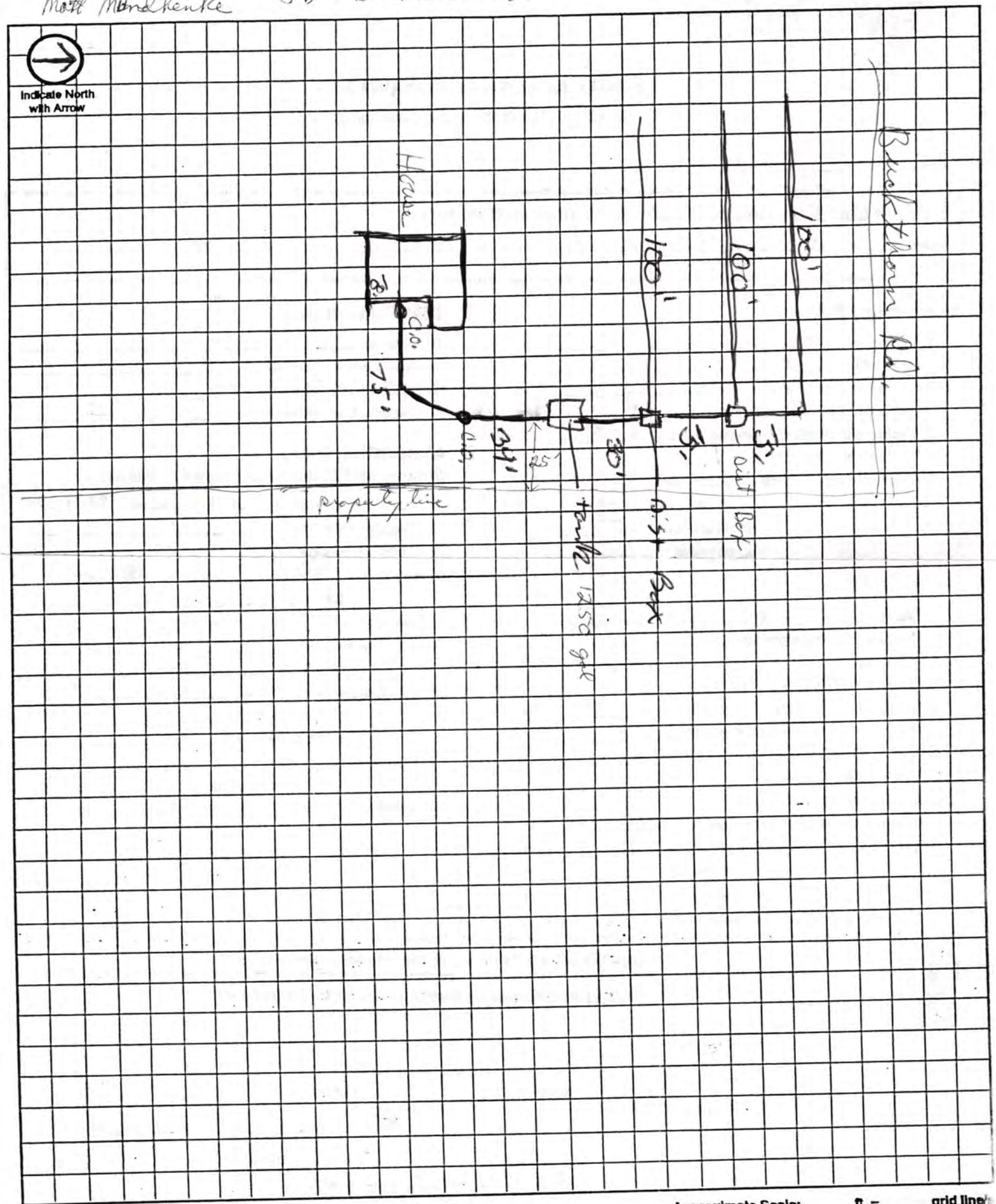


As Built Drawing

2-1-2000

Matt Mondhenke

3811 Buckthorn RD.



Approximate Scale: _____ ft. = _____ grid lines