Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 99380207601

Issued 08/30/99
Expires 03/01/00
Revenue Code 3157

Establishment

MATTHEW L CRAIG
T9N R6E SEC 21
BURR OAKS BLK 6 LOT 2
8233 SW 13 ST

FEES: $150.00

Permitee

MATTHEW L CRAIG
741 W CUMING ST
LINCOLN NE 68521

TOTAL: $150.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

010910

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

A

Permit Number: 99380207 6

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 8233 SW 13th (no rural route) City Lincoln NE, Zip 68523

Legal Description 21 9N 6E Burr Oaks 6 2
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 Matt Craig Signature Matthew R. Craig

Address _____ City/State/Zip _____

☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name Paul Hunt Company Name Paul Hunt Homes

Address 6536 S. 34 City/State/Zip Lincoln NE 68516

☐ Check if contractor designed system Work Phone 402-430-9226

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

Designer Name Larry Schwarck Firm Schwarck Trenching 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 8/30/99 Date frwd 8/30/99 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-30-99 Date frwd 8.30.99 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 8/30/99 Date frwd 8/30/99 ACTION ☒ Approved ☐ Disapproved Signature _____

10-19-99 pm tank & sewer line. Hit rocks at bottom of tank left ~~12-28-99~~ need pump

Installation Final Written Approval

By John Thurn P Sheet rec'd

Date 11-4-99

Business Office Use Only
Date Rec'd 8/30/99
Amt Paid #150.00
Rec'd By TDF Cash/Check No. 10014

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

10-28-99 - final - OK wells/roof need P Sheet

Lot 6 Blk 2 Burr Oaks

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B

Permit Number:

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (indicate correct number and street)

Address 8233 SW 13th (no rural route) City Lincoln NE Zip 68523

Owner Matt Craig Address

Soil Type (SCS): Percolation Rate: 40 min./inch

Date of Tests 10/24/96 to 10/25/96 Weather: Precipitation — Temperature 60°

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 Rate (Min/in)
1	40	10-24	3:00	10:25	7:50		11:20	6 1/2	11:50	7	30	1/2	
2	25							13		13 1/2		1/2	
3	25							12 1/4		12 3/4		1/2	
4	40							6		6 1/2		1/2	
5	25							11 1/2		12		1/2	
6	25							11 1/2		12 1/4		3/4	
7	25							11 1/4		11 3/4		1/2	

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

Person Conducting Percolation Tests

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

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-96

Lot 6 Blk 2 Burr Oaks

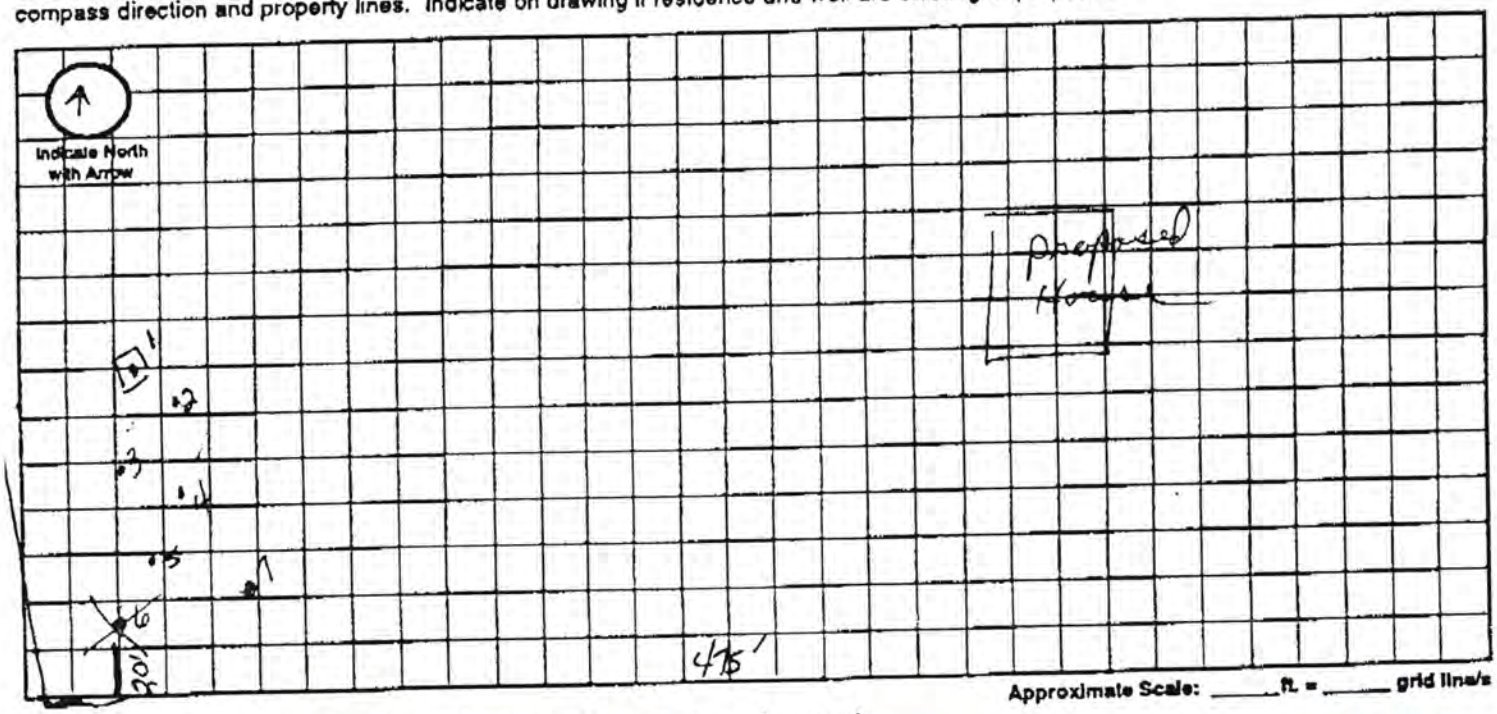
C

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Permit Number:

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) 8233 SW 13 City Lincoln NE, Zip 68523

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: 1% %

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

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

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

Capacity of Septic Tank 1250 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 330 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 Paul Hunt Date 8-27-99

Installer Larry Schwarck Date 8-27-99

FORM 23-102 10-96

NOV 3 1999

D

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

Permit Number: 99386207601

Sewage Disposal System

As Built Plans & Specifications

Date 10-28-99

System Location (Indicate correct number and street)

Address 8233 SW 13th (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 78' 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: 18 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

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

D. Absorption Field

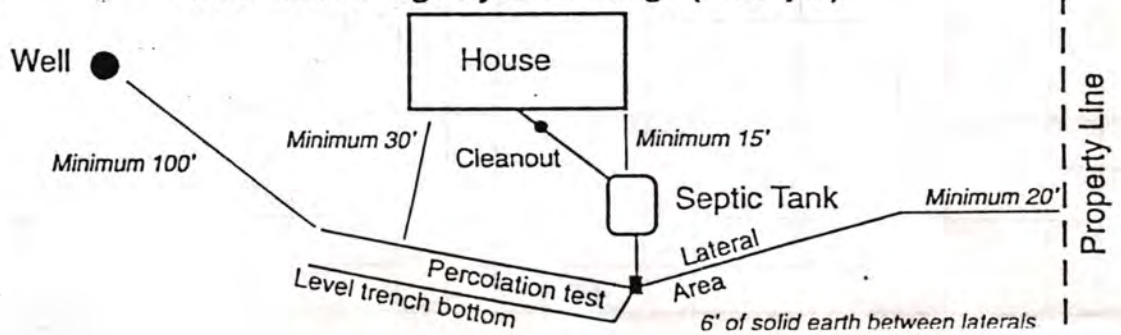
(Provide as-built drawings on back of this form)

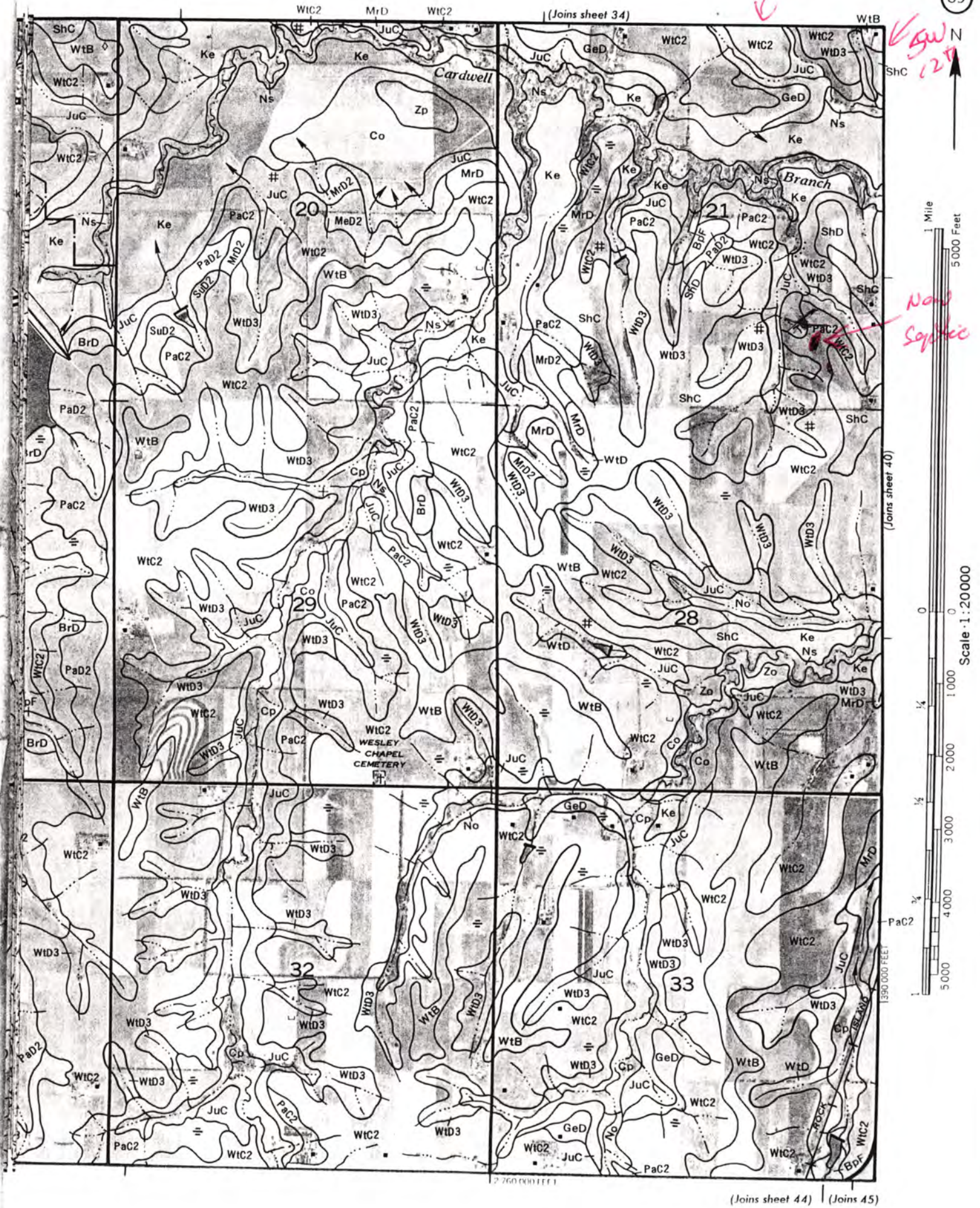
1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 15" Infiltrator
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
   341'
2. Lateral lines: Number 5
   Length of each line: 102 ft. 102 ft.
   61 ft. 48 ft., 32 ft.
3. Trench dimensions: Width 4 ft.
   Slope 2 in/100 ft.
   Average depth 38-28 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 20'+ ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)




Denton Rd
39
N
(Joins sheet 34)
Cardwell
Branch
WESLEY CHAPEL CEMETERY
20
21
28
29
32
33
(Joins sheet 40)
(Joins sheet 44)
(Joins 45)
2 260 000 FEET
1 390 000 FEET
1 Mile
5000 Feet
Scale 1:20000

10-28-99

As Built Drawing

8233 SW. 13th

by Larry Schwanke

