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 6401 Lightner Lane (no rural route) City Holland NE, Zip 68372

Legal Description SW 1/4 2 1/4 Section 7N Township 7E Range Holland Acres Subdivision 1 Addition 1 Block 1 Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Rick Braun Signature Rick Braun

Address 4201 Jacquelyn Dr City/State/Zip Lincoln, NE 68516

☒ Check if owner designed system Home Phone 421-7694 Work Phone 475-2611 x 1035

C. Contractor

Name Daryl Lightner Company Name HEP Inc.

Address Suite C 5631 S. 58th City/State/Zip Lincoln NE

☐ Check if contractor designed system Work Phone 423-4800

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

Designer Name HEP Inc. Daryl Lightner Firm HEP Inc. Work Phone 423-4800

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 7/13/98 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 7/15/98 Date frwd 7/15/98 ACTION ☐ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 07/15/98 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____

4-14-99. rm

Installation Final Written Approval

By Ron Maynard

Date 6-3-99

Business Office Use Only

Date Rec'd 07/13/98

Amt Paid 150.00

Rec'd By _____ Cash/Check No. 4352

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

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

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 8401 Lightner Lane (no rural route) City Holland NE, Zip 68372

Owner Rick Braun Addresss 4201 Jacquelyn Dr.

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

Date of Tests 7-5 to 7-6 Weather: Precipitation .75 inch Temperature 90

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	32	7/5	4:30	7/5	9:00	7/6	5:30	14¼	7/6	9:30	30	½"	60
2	33	7/5	4:30	7/5	9:00	7/6	5:30	14½	7/6	9:30	30	⅜"	80
3	33	7/5	4:40	7/5	9:00	7/6	5:35	18½	7/6	9:35	30	½"	60
4	30	7/5	4:40	7/5	9:00	7/6	5:35	17⅞	7/6	9:35	30	¾"	40
5	32	7/5	4:50	7/5	9:00	7/6	5:40	15	7/6	9:40	30	⅜"	80
6	32	7/5	4:50	7/5	9:00	7/6	5:40	18	7/6	9:40	30	¾"	40

Person Conducting Percolation Tests

Name: Rick Braun
Phone: 402-421-7694
Address 4201 Jacquelyn Dr.
Lincoln, NE 68516

Sum of Percolation Rates: 360
Average of Rates: 60
Rate Used for Calculation: 60 min./inch

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks DID NOT PASS FOR CONVENTIONAL SYSTEM

Signature of Reviewing Official Jerrold C. Hood Date JULY 14, 1998

FORM 23-101 10-96

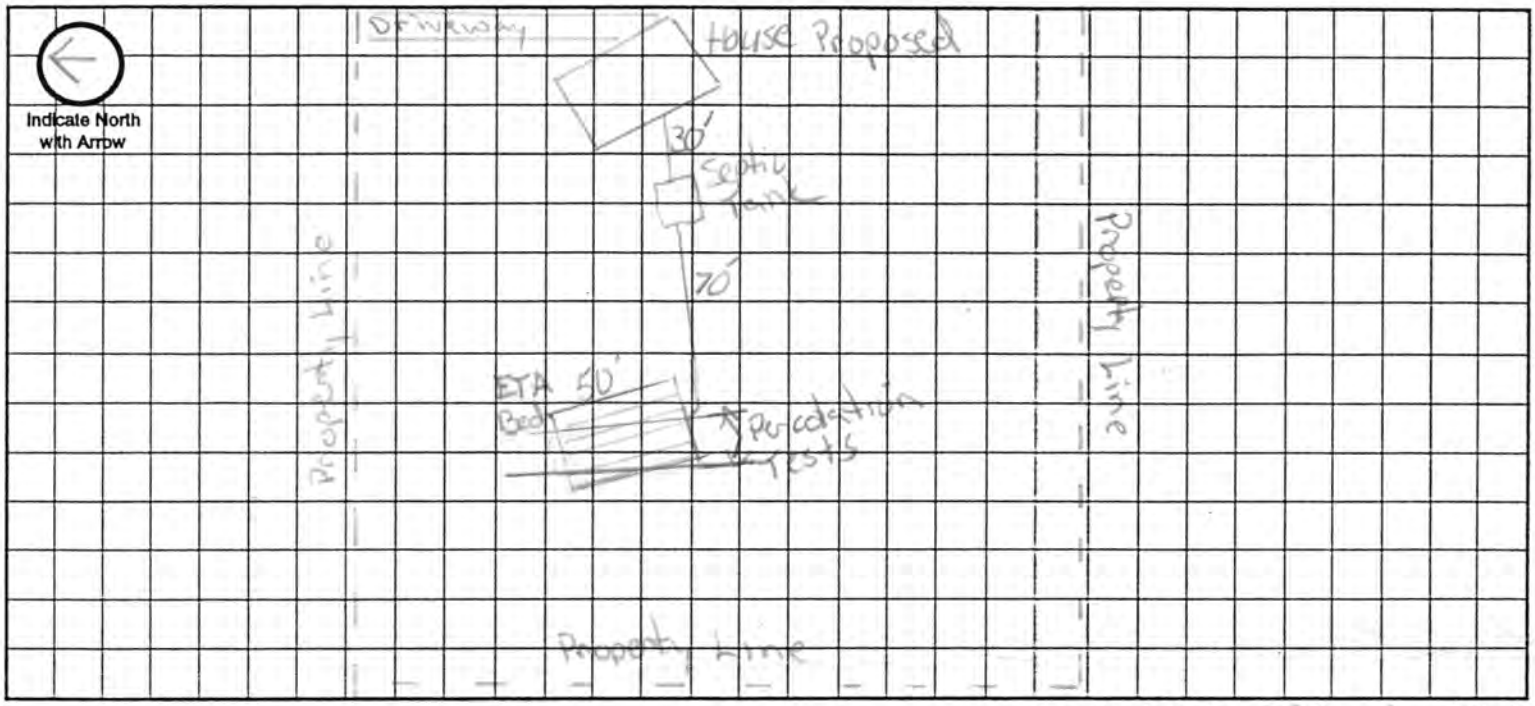
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

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: 20 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 8401 Lightner Lane City Holland NE, Zip 68372

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other SYSTEM SAME AS 2170 | KAAR ROAD 963801470

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

Percolation Rate 60 (min. per inch) Soil Type: _____ Land Slope: _____ %

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

Total Square Feet of Field Required: 1835 sq. ft.

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

Capacity of Septic Tank 4000 gals Number of Absorption Beds: 1 Number of Distribution Laterals per Bed 4

Total Length of Laterals 128 ft. Number of Trenches NA Trench Width NA

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

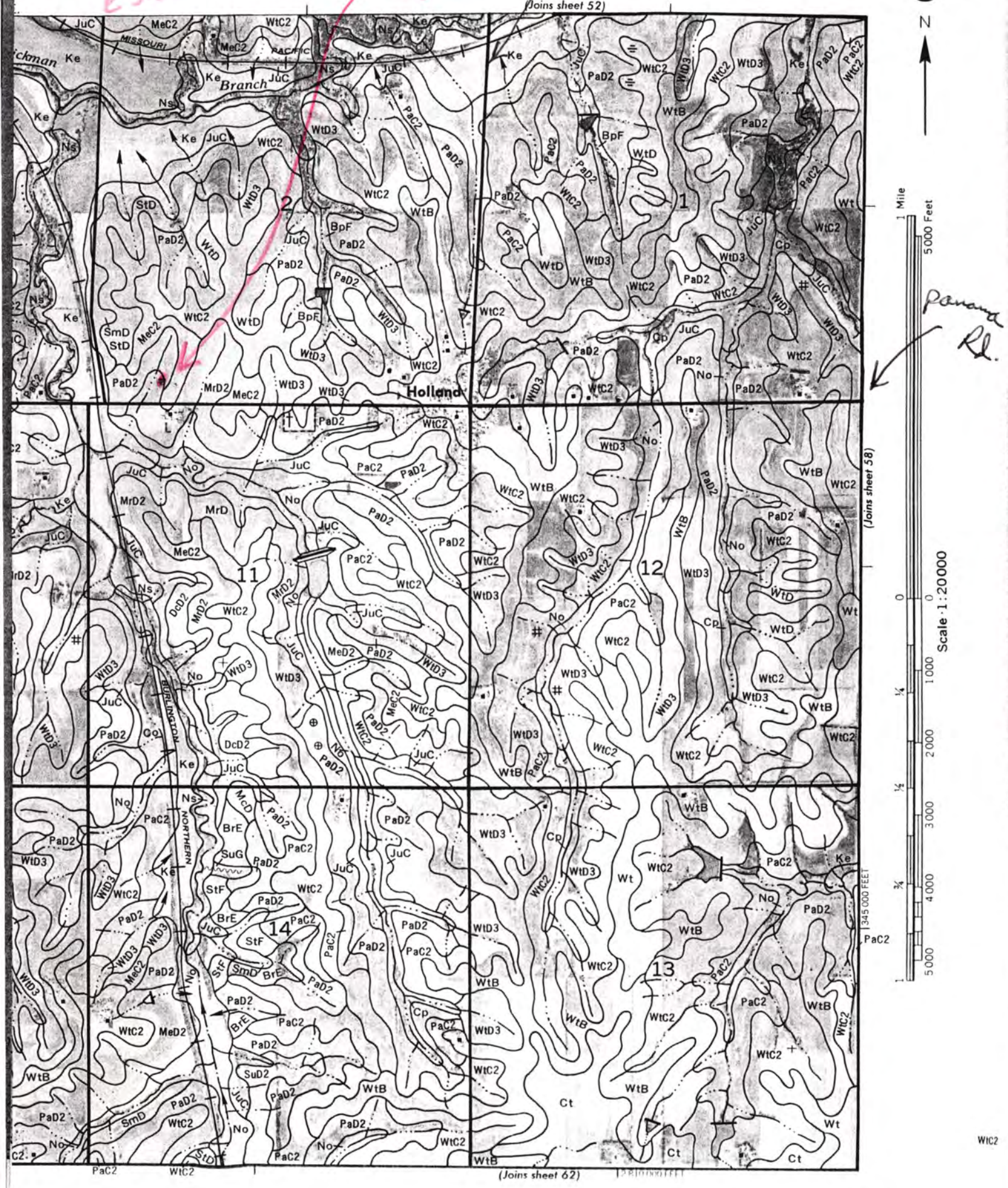
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☐	25 ☒	20 ☒	15 ☒	25 ☒	☐
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☐	20 ☐	30 ☐	40 ☒	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐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

E. Required Signatures

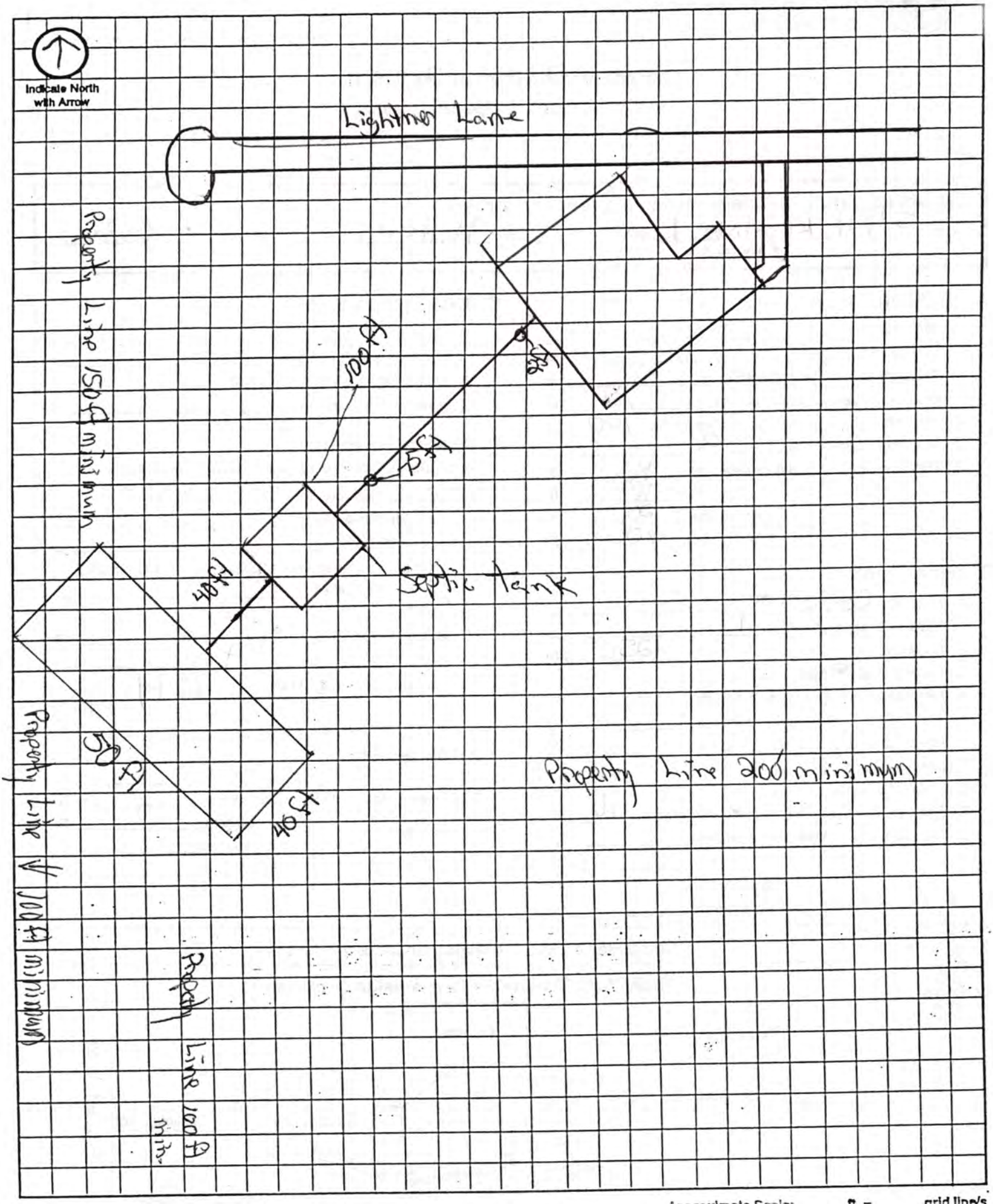
Home Building Contractor Kirk L Blum Date 7-13-98

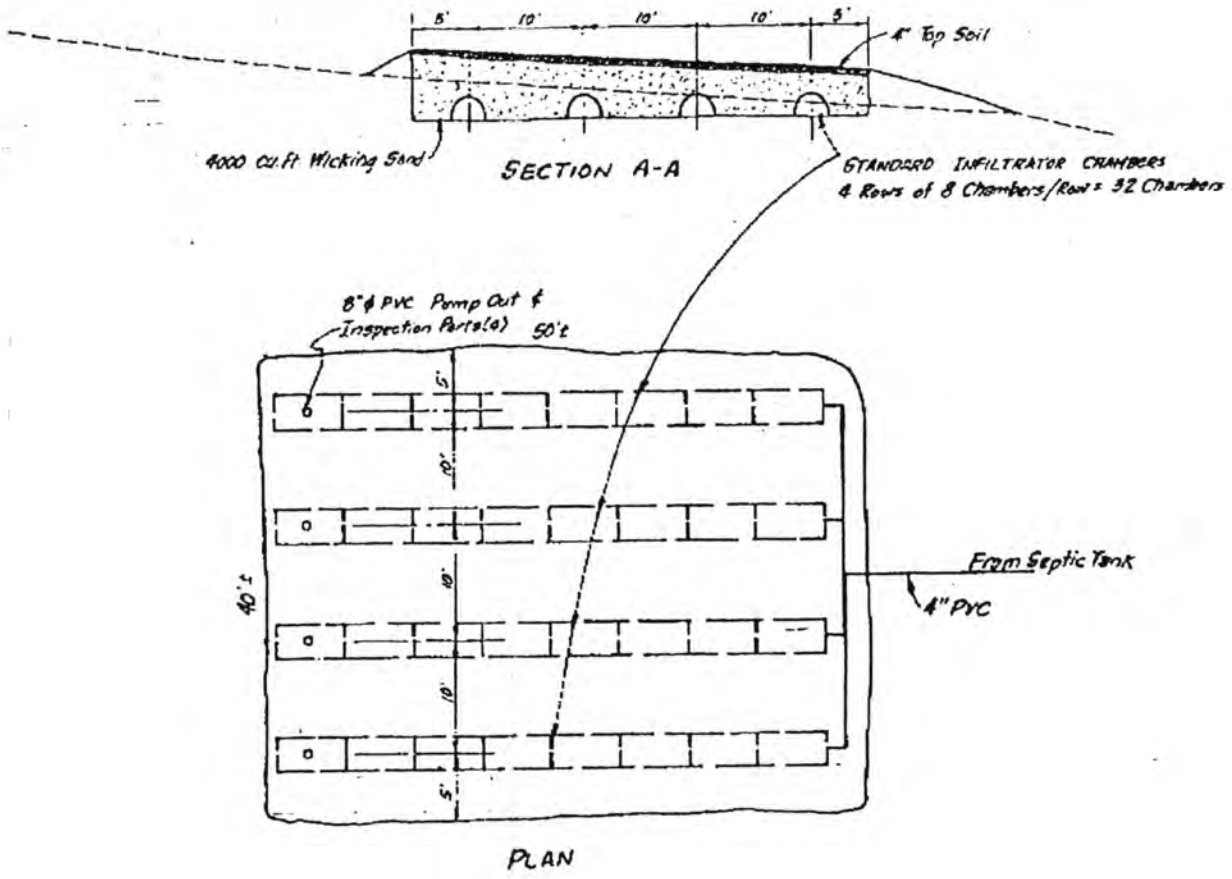
Installer Hoppe Bros Plumbing Date July 13 98

FORM 23-102 10-96


(Joins sheet 52)
(Joins sheet 58)
(Joins sheet 62)
Holland
Branch
MISSOURI
PACIFIC
BURLINGTON
NORTHERN
1
2
11
12
13
14
N
1 Mile
5000 Feet
Scale · 1:20000
345 000 FEET

As Built Drawing




5'
10'
10'
10'
5'
4" Top Soil
4000 cu.ft Wicking Sand
SECTION A-A
STANDARD INFILTRATOR CHAMBERS
4 Rows of 8 Chambers/Row = 32 Chambers
8"ϕ PVC Pump Out &
Inspection Ports(2)
50'±
5'
10'
10'
10'
5'
40'±
From Septic Tank
4" PVC
PLAN

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

3140 "N" STREET Lincoln, NE 68510-1514 (402) 441-8000

NON TRANSFERABLE

PERMIT

ermit

SEWAGE INSTALLATION
OTHER

No. 98380180201

Issued 07/20/98
Expires 01/20/99
Revenue Code 3157

FEES: $150.00

PAID

TOTAL $150.00

Establishment

RICK BRAUN
T7N R7E SEC 2 QTR SW
HOLLAND ACRES BLK 1 LOT 1
8401 LIGHTNER LN-HOLLAND

Permittee

RICK BRAUN
4201 JACQUELYN DR
LINCOLN NE 68516-2894

Issued By Health Director
Lincoln-Lancaster County Health Department

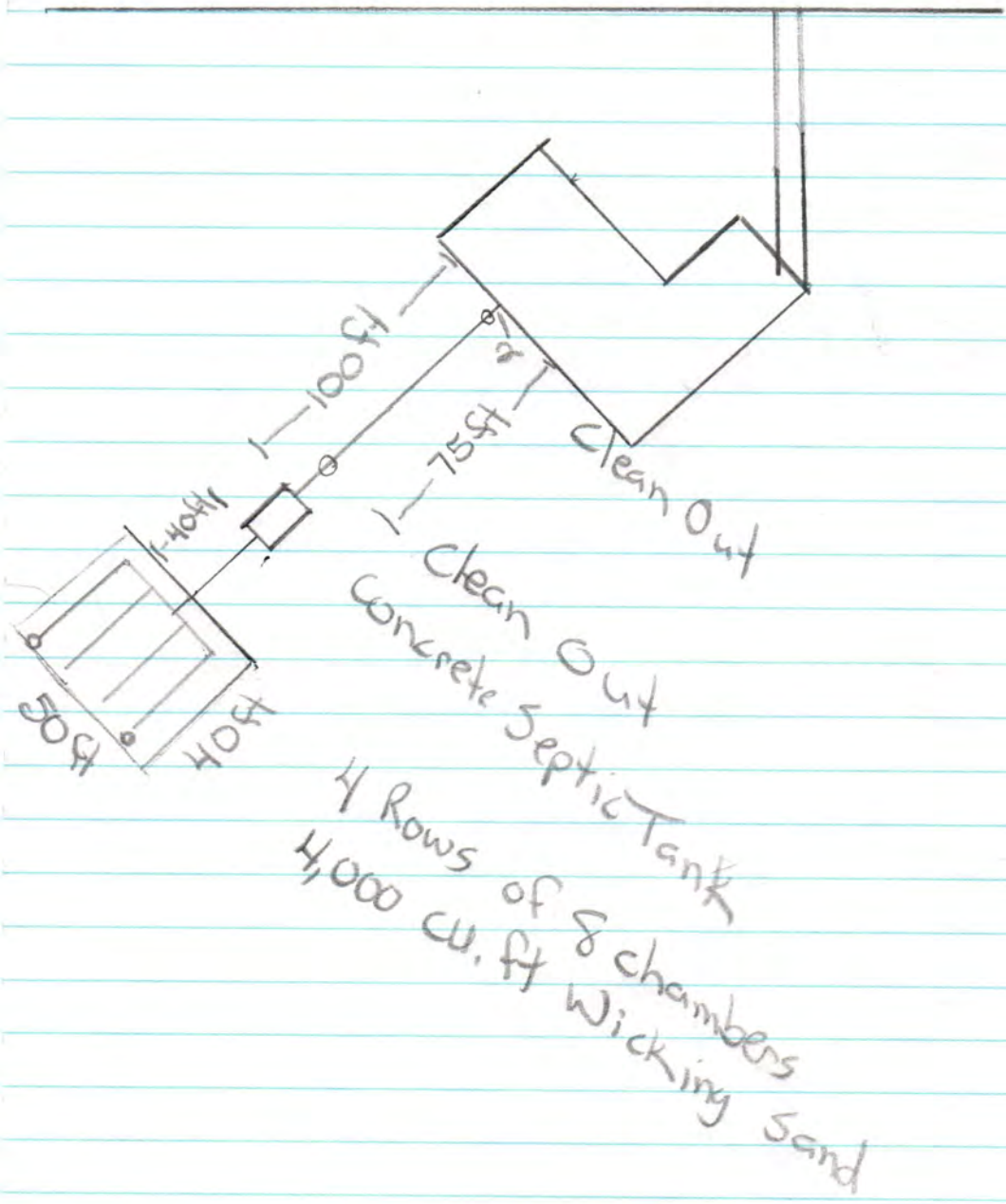
007843

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"

5/25/99

Rick Braun - 421-7694

Lightner Lane 8401



T7N R7E Sec 2

HEP Inc Builder

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date _____

System Location (Indicate correct number and street)

Address 5401 Lighter Lane (no rural route) City Holland NE, Zip 68372

A. Building Sewer

1. Material: _____
   Diameter: _____ in.
2. Distance above basement floor: — in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank: 100 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line 200 ft.
   property line 100 ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1,250 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: 16 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

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

D. Absorption Field

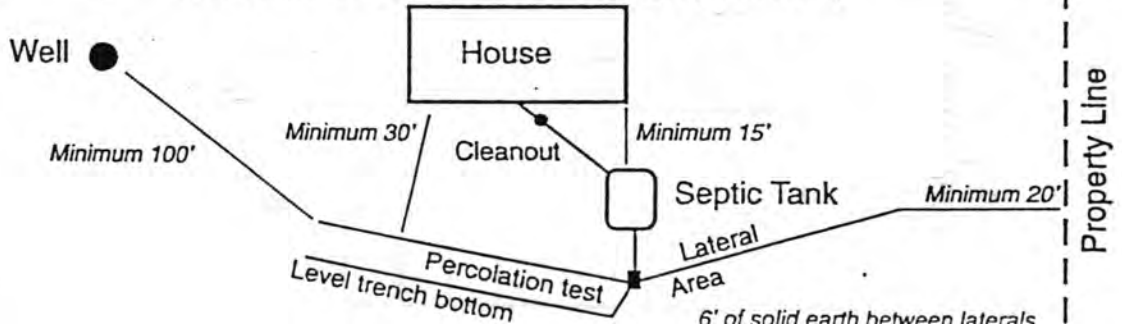
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number _____
   Length of each line: 50 ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 10 ft.
   Slope _____ in/100 ft.
   Average depth _____ in
4. Filter material: _____
   Depth of material _____ 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)



FORM 23-103 10-96