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

A

Permit Number: 07380333701

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:

3.38 acres

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 7100 Natney (no rural route) City Hickman NE, Zip 68372

Legal Description LCR 5974 — 1/4 — 1/4 — Section 22 — Township 8 — Range 7 — Subdivision Hickman Ridge Estates — Addition 4 — Block 6 — Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Thad Cienemann Signature Thad Cienemann

Address 7100 Natney St City/State/Zip Roca Ne 68430

☐ Check if owner designed system Home Phone _____ Work Phone 416-8473

C. Contractor

Name Paul Weber Company Name Weber Well

Address 10133 Willow Cove Lane City/State/Zip Firth Nebr. 68358

☒ Check if contractor designed system Work Phone (402) 791-3008 580-8311

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 3 Is there a Whirlpool Bathtub YES (NO)

☐ Commercial Establishment/Other Facility Specify _____

Design flow in gallons per day 400 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 5/15/07 Date frwd 5/15/07 **ACTION** ☒ Approved ☐ Disapproved Signature _____
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 5-15-07 Date frwd 5-15-07 **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 5-15-07 Date frwd 5-15-07 **ACTION** ☒ Approved ☐ Disapproved Signature Jim Pluzek

Installation Final Written Approval

By _____

Date 4/8/08

Business Office Use Only

Date Rec'd 05/15/07
Amt Paid 290.00
Rec'd By _____ Cash/Check No. 1054

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 7100 Matney (no rural route) City Hickman NE, Zip 68372

Owner _____ Addresss _____

Soil Type (SCS): Black to Clay Percolation Rate: 34 min./inch

Date of Tests 5-2-07 to 5-3-07 Weather: Precipitation Damp 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 Rates (Min/in)
1	24"	5-2-07	8:00	5-3-07	8:00	5-3-07	8:10	6"	5-3-07	8:40	30	1/4	24
2	24"	5-2-07	8:00	5-3-07	8:00	5-3-07	8:10	6"	5-3-07	8:40	30	3/4	40
3	24"	5-2-07	8:00	5-3-07	8:00	5-3-07	8:10	6"	5-3-07	8:40	30	1"	30
4	24"	5-2-07	8:00	5-3-07	8:00	5-3-07	8:10	6"	5-3-07	8:40	30	3/4	40
5	24"	5-2-07	8:00	5-3-07	8:00	5-3-07	8:10	6"	5-3-07	8:40	30	1"	30
6	24"	5-2-07	8:00	5-3-07	8:00	5-3-07	8:10	6"	5-3-07	8:40	30	3/4	40

Sum of Percolation Rates: 204
Average of Rates: 34
Rate Used for Calculation: 41

Person Conducting Percolation Tests

Name: Paul Weber Weber Well
Phone: 791-3008 580-8311
Address 10133 Willow Cove Lane
Firth Ne 68358

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks * Pawnee soil on property * using a larger rate and more lateral feet.

Signature of Reviewing Official _____ Date 5/15/07

FORM 23-101 10-96

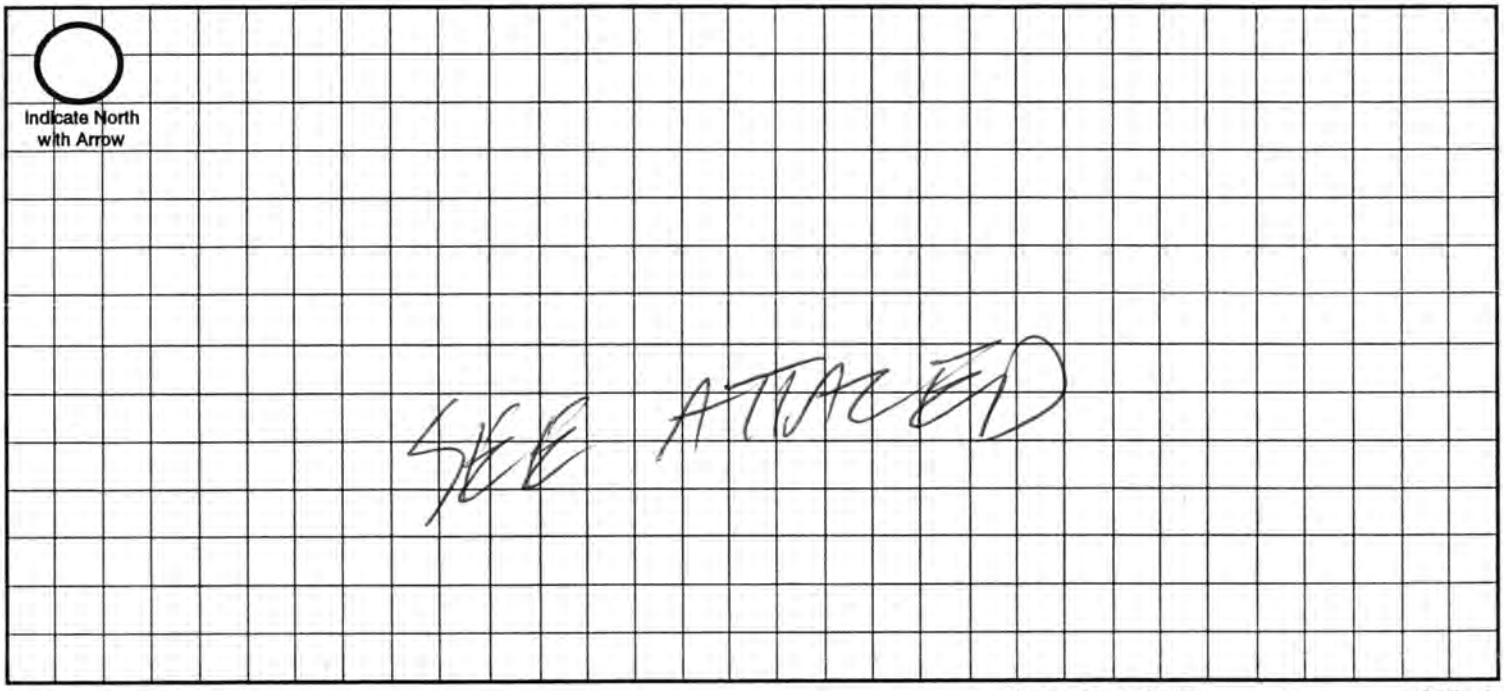
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 7400 Watney 68th & Liesure lane City Hickman NE, Zip 68372

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 34 (min. per inch) Soil Type: Black - clay Land Slope: 0 %

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

Total Square Feet of Field Required: 825 sq. ft.

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

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

Total Length of Laterals 825 ft. Number of Trenches 3 Trench Width 4"

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

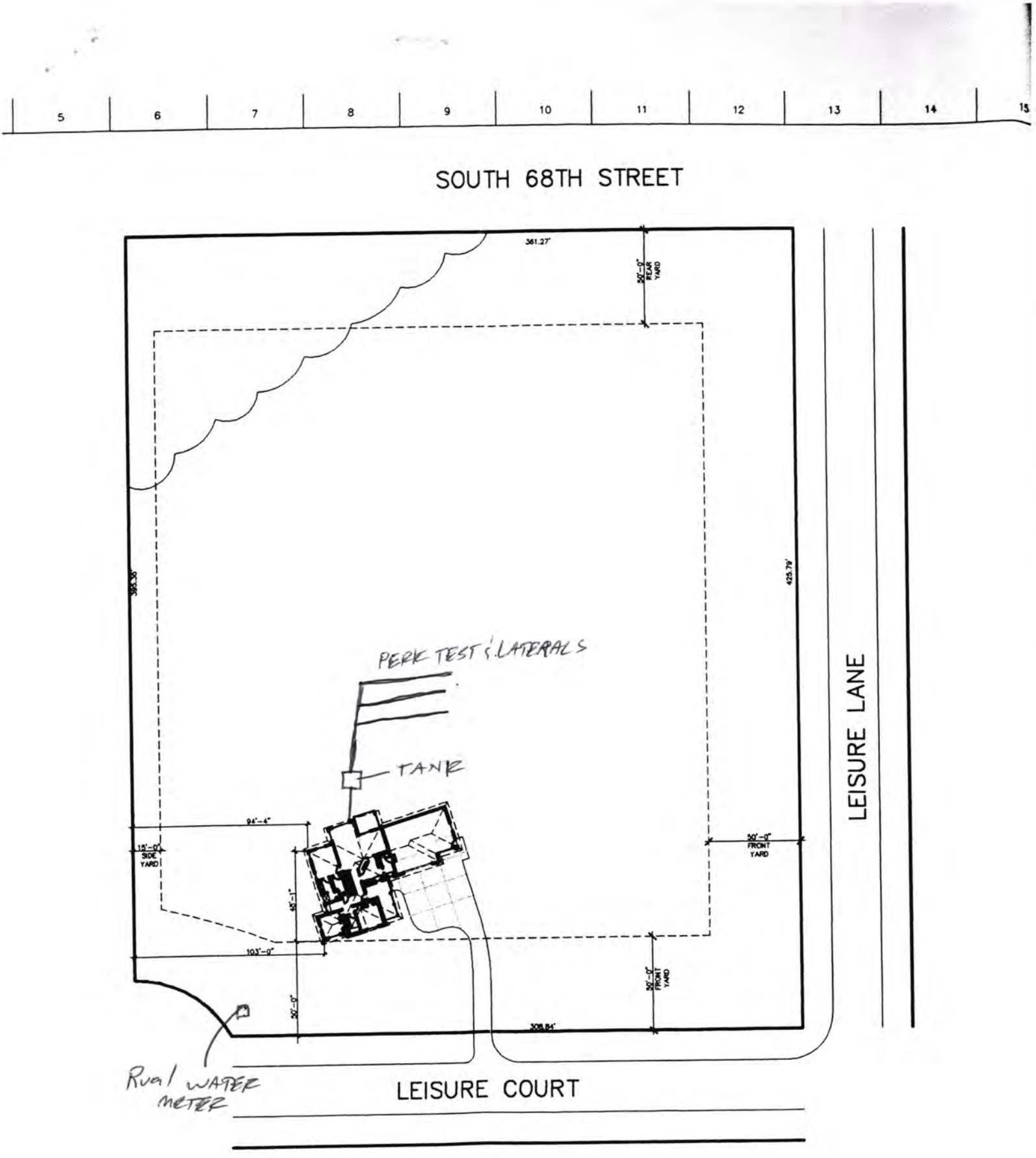
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☑	25 ☑	20 ☑	15 ☑	25 ☐	☑
Field (ft)	100 ☑	500 ☑	50 ☑	4 ☑	30 ☑	20 ☑	30 ☑	40 ☐	☑
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐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

E. Required Signatures

Home Building Contractor Thad Cremeens Date 5/10/07

Installer Pat Weber - Weber Well Date 5-10-07

FORM 23-102 10-96


5
6
7
8
9
10
11
12
13
14
15
SOUTH 68TH STREET
361.27'
50'-0" REAR YARD
385.36'
425.79'
PERK TEST & LATERALS
TANK
94'-4"
15'-0" SIDE YARD
45'-1"
103'-0"
30'-0" FRONT YARD
50'-0" FRONT YARD
308.84'
LEISURE LANE
Rural WATER meter
LEISURE COURT

Lincoln-Lancaster County Health Department
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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 5/8/07

System Location (Indicate correct number and street)

Address 7100 ~~Walney~~ 68th & Liesure lane (no rural route) City Hickman NE, Zip 68372

A. Building Sewer

1. Material: PVC schedule 40
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 2 in.
3. Distance between dwelling and septic tank: 50 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line > 30 ft.
   stream > 50 ft.
   pressure line > 30 ft.
   property line > 20 ft.

B. Septic Tank

1. Material: Cement
   Number of compartments: 1
2. Capacity: 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☒ below grade < 24 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 24 in.
8. Distances to: Well or suction line > 25 ft.
   Stream > 50 ft.
   Pressure line > 25 ft.
   Property line > 20 ft.

C. Distribution Box

1. Material: Cement
   Number available outlets: 6
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 10 ft.

D. Absorption Field

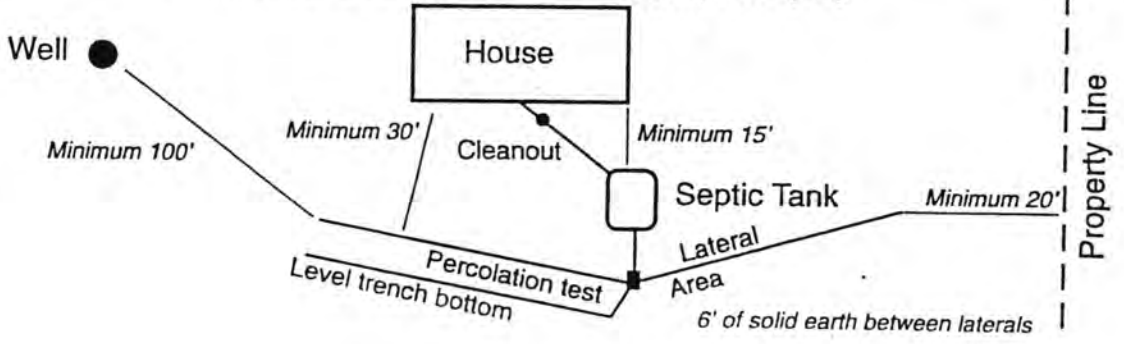
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 34"
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3
   Length of each line: 92 ft. 92 ft.
   92 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 1 in/100 ft.
   Average depth 36-48" in
4. Filter material: —
   Depth of material — in.
5. Distances to: Well or suction line > 30 ft.
   Stream > 50 ft.
   Pressure line > 30 ft.
   Property line > 20 ft.

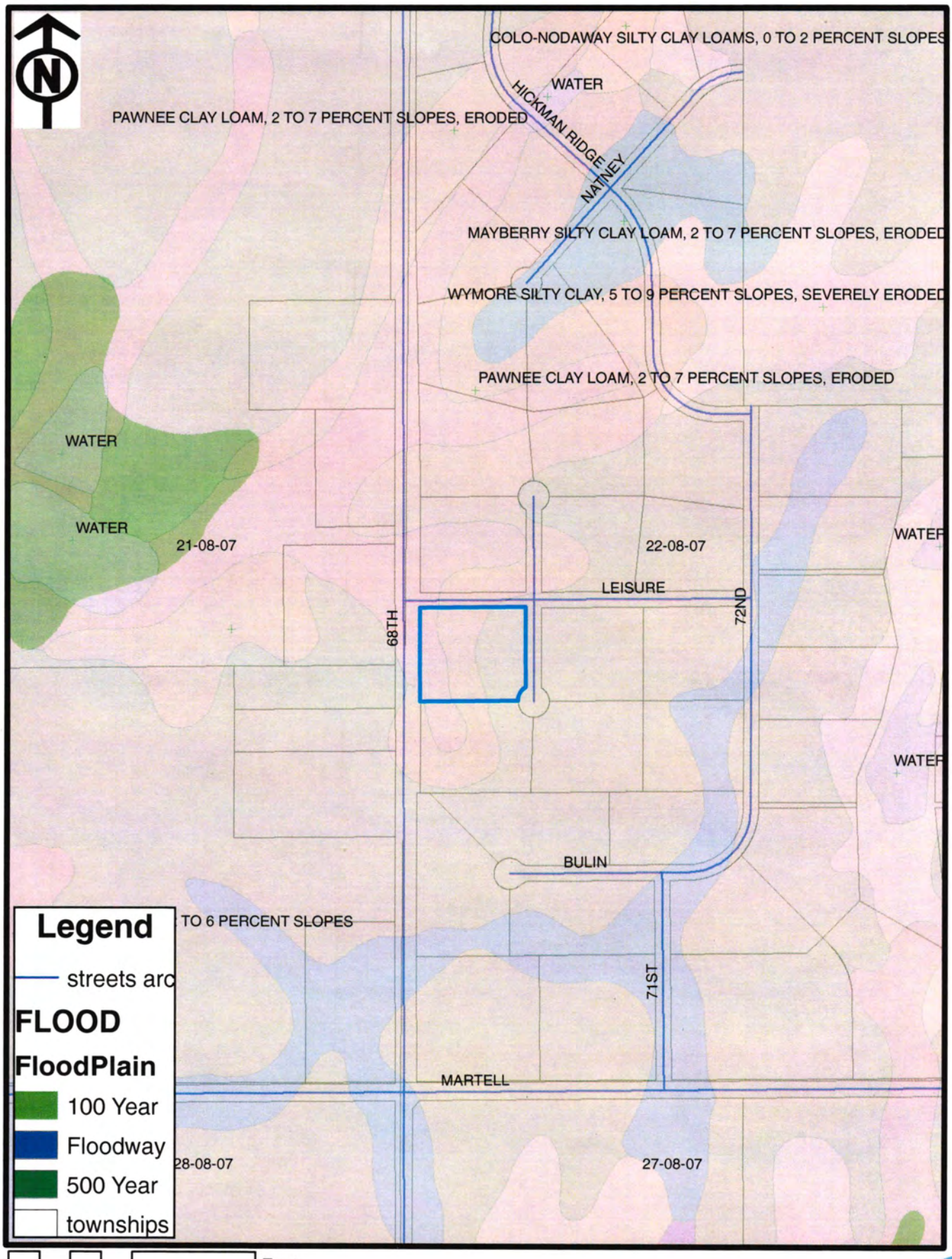
Complete "As Built" drawing on back of this form.

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96


COLO-NODAWAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES
WATER
HICKMAN RIDGE
NATINEY
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
MAYBERRY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
WATER
WATER
21-08-07
22-08-07
WATER
LEISURE
68TH
72ND
WATER
BULIN
TO 6 PERCENT SLOPES
71ST
MARTELL
28-08-07
27-08-07
Legend
streets arc
FLOOD
FloodPlain
100 Year
Floodway
500 Year
townships
0
240
480
960
Feet

Lincoln-Lanc[illegible]r County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

010037

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit #: 07380333701

Issued: 05/15/07
Expires: 05/15/08
Revenue Code: 3157

Establishment:
THAD LIENEMANN
T8N R7E SEC 22
HICKMAN RIDGE ESTS BLK 4 LOT 6
68TH & LEISURE LN-HICKMAN

FEES: $290.00

Permittee:
THAD LIENEMANN
7100 NATNEY ST
ROCA NE 68430

TOTAL: $290.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY