LLCHD HS000319

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

DEC 14 2009

SCANNED **A**

Permit Number: HS000319

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 22210 NW 27th (no rural route) City Valparaiso NE, Zip 68065

Legal Description W1/2 NW1/4 9 12 6
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 Lee Benes Signature _____

Address 22210 NW 27th City/State/Zip Valparaiso 68065

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

C. Contractor

Name Bob Benes Company Name Aspen Builders

Address 1633 Normandy Ct. City/State/Zip Lincoln, NE 68512

☒ Check if contractor designed system Work Phone 423-6811

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 _____ 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 12/16/09 Date frwd 12/16/09
   ACTION ☑ Approved ☐ Disapproved Signature _____
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd _____ Date frwd _____
   ACTION ☐ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd _____ Date frwd _____
   ACTION ☐ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By _____

Date _____

Business Office Use Only
Date Rec'd 12-16-09
Amt Paid $325.00
Rec'd By B. Hall Cash/Check No. 22496

SCANNED

RM 23-100 10-96

White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

6-10-2010 15:10:4 Existing home on lot to be

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

SCANNED

B

Permit Number: HS000319

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 22210 NW 87 TO (no rural route) City Valparaiso NE, Zip 68065

Owner Lee Beaes Address same

Soil Type (SCS): BrD, ShD Percolation Rate: 24 min./inch

Date of Tests 12-1 to 12-2 Weather: Precipitation none Temperature 40°-50°

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	36	12-1	12:30p	12-2	10 AM	12-2	10:30	26"	12-2	11:00	30	2	15
2							10:32	20"		:02		1.5	20
3							10:34	28"		:04		1.25	24
4							10:36	30"		:06		1.25	24
9							:38	26"		:08		1.75	17.1
6							:40	21"		:10		2.0	15
7							:42	24"		:12		2.0	15

Sum of Percolation Rates: 130
Average of Rates: 18.6
Rate Used for Calculation: 24

Person Conducting Percolation Tests

Name: Bob Beaes
Phone: 416-9660
Address: 1633 Normandy Ct.
Lincoln, NE 68512

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Date

FORM 23-101 10-98

LLCHD HS000319

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

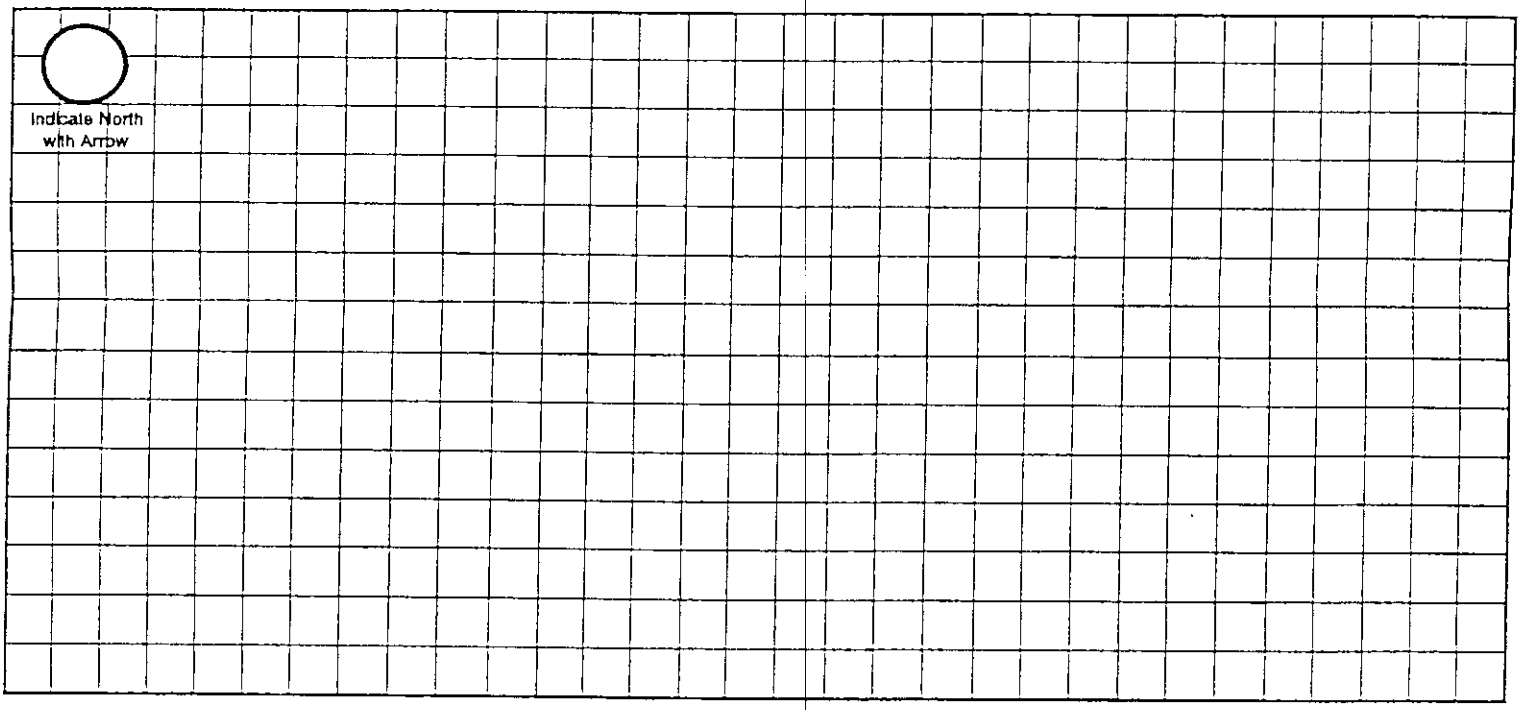
C

Permit Number: HS000319

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) 22210 NW 27th City Valparaiso NE, Zip 68068

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other _____

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

Percolation Rate 24 (min. per inch) Soil Type: BRB, SHD Land Slope: 3 %

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

Total Square Feet of Field Required: 750 sq. ft.

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

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

Total Length of Laterals 187.5 ft. Number of Trenches 2 Trench Width 3'

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

Distance From	Private Well	Public Well N/A	Surface Water N/a	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 12-3-09

Installer _____ Date 12-3-09

~~LLCHD HS000319~~
LLCHD HS000319

DEC 14 2009

SCANNED **A**

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

Permit Number: HS000319

Sewage Disposal System

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1/4 1/4 Section Township Range Subdivision Addition Block Lot

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Name Lee Beres Signature _____

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

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Name Bob Beres Company Name Aspen Builders

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☒ Check if contractor designed system Work Phone 423-6811

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DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 2832

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2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd _____ Date frwd _____ ACTION ☐ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd _____ Date frwd _____ ACTION ☐ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By _____

Date _____

Business Office Use Only
Date Rec'd 12-16-09
Amt Paid $325.00
Rec'd By B. Hall Cash/Check No. 22496

RM 23-100 10-96

White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

12-21-2009 13:40:42 Existing home on lot to be demo'd

6-10-2010 11:10:

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

DEC 14 2009

SCANNED **A**

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By _____

Date _____

Business Office Use Only
Date Rec'd 12-16-09
Amt Paid $325.00
Rec'd By B. Hall Cash/Check No. 22496

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

12-21-2009 13:40:42

+ Existing home on lot to be demol

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, NE 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000319

System Type: STANDARD

Situs: 22210 NW 27 ST

Legal Description: T12N-R06E-S09-NW-NW

Owner: BENES, LEE RAYMOND
22210 NW 27 ST
VALPARAISO NE
68065

Permit Fee:	$325.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$325.00
Issued:	12/16/2009
Expires:	12/16/2010

Bruce D. Dart, PhD, Health Director

On-site Waste System Permit Holder:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Bruce D. Dart, PhD
Health Director

ASPEN BUILDERS
1640 NORMANDY CT
LINCOLN NE 68512

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

DEC 14 2009

SCANNED

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Permit Number: HS000319

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

Installation Final Written Approval

By Doug Arnold

Date 6/17/10

Business Office Use Only
Date Rec'd 12-16-09
Amt Paid #325.00
Rec'd By B. Hall Cash/Check No. 22496

SCANNED

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

* Existing home on lot to be demoed.

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

SCANNED

B

Permit Number: HS000319

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

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Owner Lee Beues Addresss same

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Date of Tests 12-1 to 12-2 Weather: Precipitation none Temperature 40°-50°

Percolation Test Data Table

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Person Conducting Percolation Tests

Name: Bob Beues

Phone: 416-9660

Address 1633 Normandy Ct.
Lincoln, NE 68512

Sum of Percolation Rates: 130
Average of Rates: 18.6
Rate Used for Calculation: 24

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks – Sandy Soil noted on Installation Inspection RS

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-98

JUL 06 2010

D

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

Permit Number: 8215

HS 319

Sewage Disposal System

As Built Plans & Specifications

Date 6-28-10

System Location (Indicate correct number and street)

Address 2221D NW 27th (no rural route) City Valparaiso NE, Zip 68065

A. Building Sewer

1. Material: PVC
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12" in.
3. Distance between dwelling and septic tank: 60 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 70 ft.
   stream - ft.
   pressure line 5 ft.
   property line - ft.

B. Septic Tank

1. Material: plastic / FG
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☑ above ☐ below grade 12 in.
5. Inlet: ☐ baffle ☑ tee
6. Outlet: ☐ baffle ☑ tee
7. Depth to top of tank, below unfinished grade: 2.5 in.
8. Distances to: Well or suction line 100 ft.
   Stream - ft.
   Pressure line 60 ft.
   Property line - ft.

C. Distribution Box

1. Material: PVC
   Number available outlets: 6
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 16' ft.

D. Absorption Field

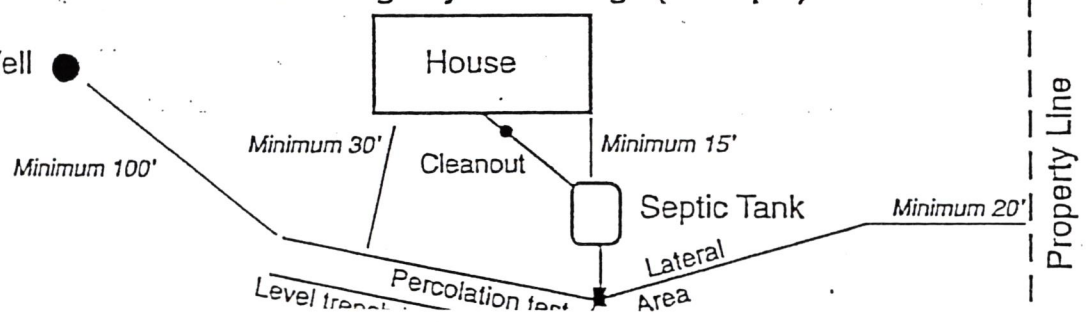
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: chambers
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 105 ft. 105 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3' ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: gravelless
   Depth of material _____ in.
5. Distances to: Well or suction line 120 ft.
   Stream - ft.
   Pressure line 100 ft.
   Property line - ft.

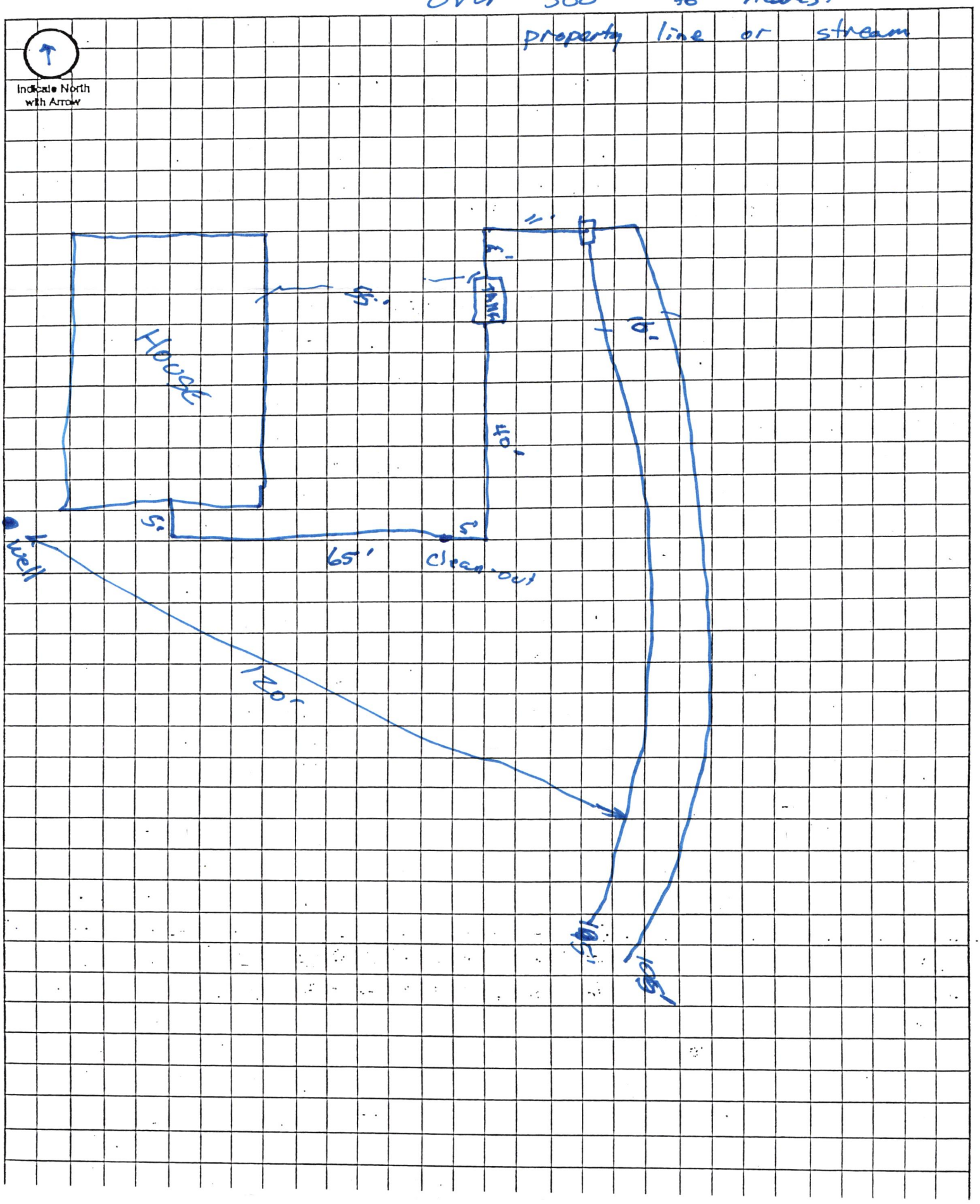
Indicate North with Arrow

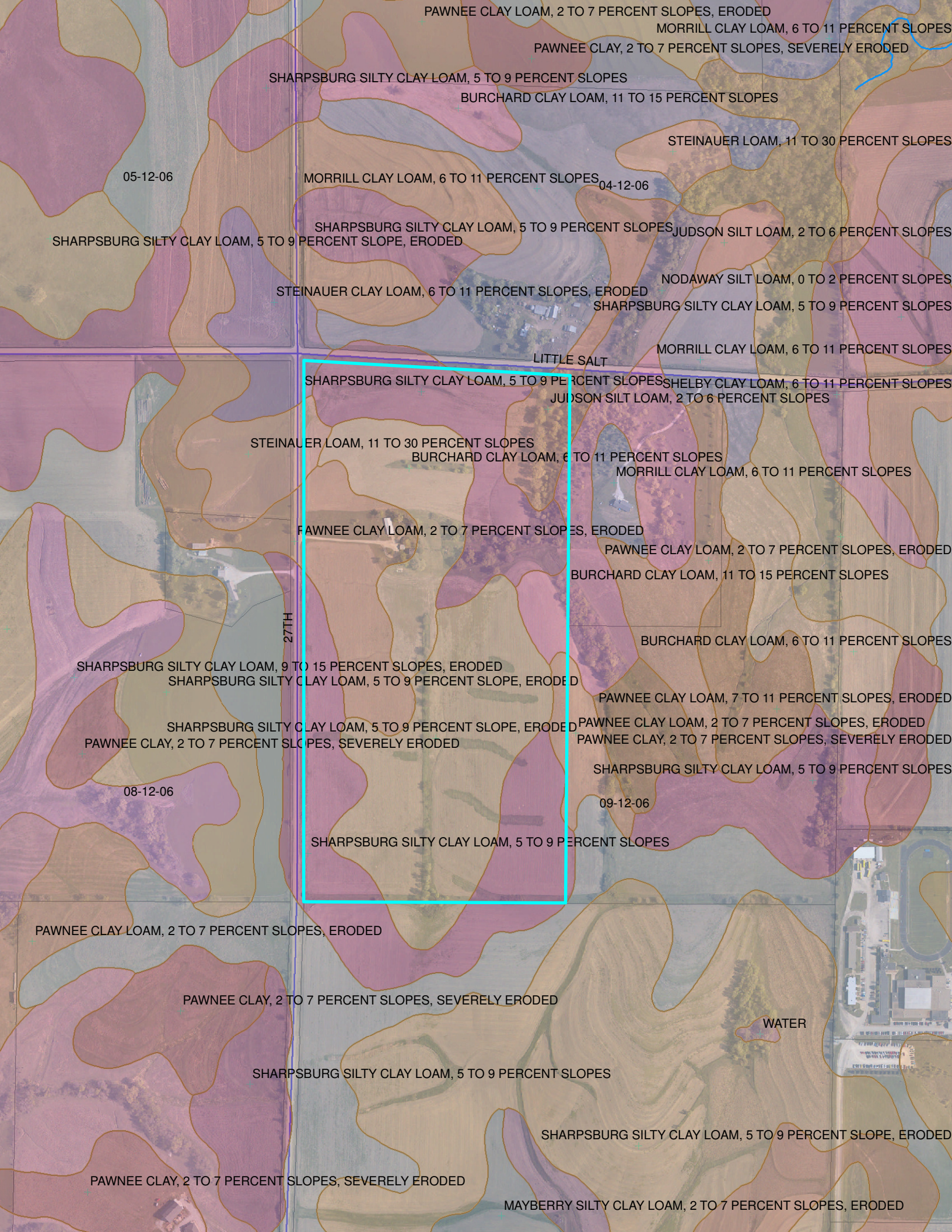
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



As Built Drawing




PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
STEINAUER LOAM, 11 TO 30 PERCENT SLOPES
05-12-06
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES
04-12-06
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES
STEINAUER CLAY LOAM, 6 TO 11 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES
LITTLE SALT
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
SHELBY CLAY LOAM, 6 TO 11 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
STEINAUER LOAM, 11 TO 30 PERCENT SLOPES
BURCHARD CLAY LOAM, 6 TO 11 PERCENT SLOPES
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
27TH
BURCHARD CLAY LOAM, 6 TO 11 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 9 TO 15 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
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SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
08-12-06
09-12-06
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
WATER
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
MAYBERRY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED