Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit

SEWAGE INSTALLATION
LAGOON

Establishment

WILLIAM DELL BODEN
T7N R7E SEC 34 QTR E1
2334 ACRES
28801 S 82 ST-FIRTH

Permittee

WILLIAM DELL BODEN
BOX 73
FIRTH NE 68358

Permit # 03380258001

Issued 01/02/03
Expires 07/02/03
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

003183

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

A

Permit Number: 03380258001

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 28801 South 82nd, PO Box 73 (no rural route) City Firth, NE NE, Zip 68358

Legal Description NE¼ & SE¼ 34 T7N R7E of the 6th P.M. Lancaster County, Nebraska
1/4 23.34 Acres 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude _____ Latitude _____ Lot 26 I.T.

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

B. Owner

Name William Dell Baden Signature William D. Baden

Address 28801 South 82nd. PO Box 73 City/State/Zip Firth, NE 68358

☒ Check if owner designed system Home Phone 791-2015 Work Phone 432-2110

C. Contractor

Name Bill Baden Company Name Ground Fx Landscaping

Address 28801 S. 82nd, PO Box 73 City/State/Zip Firth, Nebraska 68358

☒ Check if contractor designed system Work Phone 432-2110

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 2 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 1/2/03 Date frwd 1/2/03 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd _____ Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature David L Hoblyn
3. **City or County Engineer** Date rec'd _____ Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature Nigel Dearman

Subject To Lagoon Being Elevated Above The 100 Yr Flood Plain

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S. 6/03/03

Date JUNE 17, 2003

2/4/03 Hood Jensen, etc. f. C.O.

5/20/03 Jerrold up Hood Jensen f. C.O.

Business Office Use Only
Date Rec'd 1/2/03
Amt Paid 200.00
Rec'd By CW Cash/Check No. 1298

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

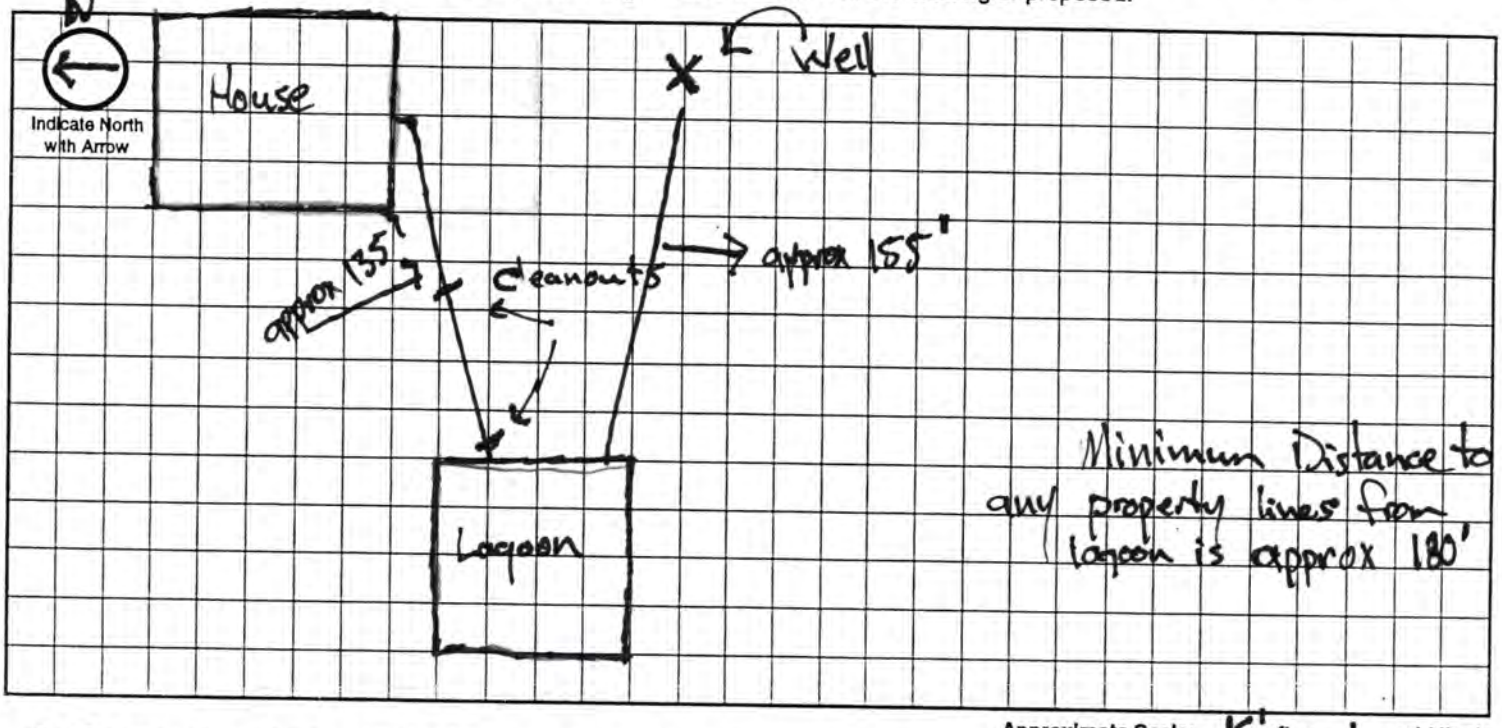
C

Permit Number: 033802580

1 grid = 15'

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: 15' ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 28801 S. 82nd St. City Firth NE, Zip 68358

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☒ Other Lagoon must be sealed so that no more than ¼" seepage/24 hours

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

Percolation Rate _____ (min. per inch) Soil Type: PAWNEE CLAY LOAM Land Slope: _____ %

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: _____

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

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

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 William D. Boden Date 12-26-02

Installer William D. Boden Date 12-26-02

FORM 23-102 10-96

RECORD

RED BY
JRVEYING
CRETE, NE 68333
326-4620

CORNER TIES - SECTION 34, T7N, R7E

E¼ Corner - Found LCSM 2" Aluminum Cap.

258.14' SE to a 5/8" rebar.
216.41' SW to a 5/8" rebar.
79.43' North to a 5/8" rebar.

W¼ Corner - Found LCSM 2" Aluminum Cap.

32.22' NW to a nail in disk in south face of tree.
62.05' East to a 1" pipe 3' north of fence.
90.84' SSE to a 1" pipe.

LEGAL DESCRIPTION

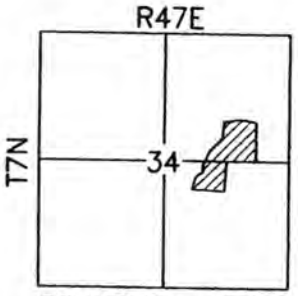
A tract of land located in part of the NE¼ and SE¼ of Section 34, T7N, R7E of the 6th P.M., Lancaster County, Nebraska, described as follows:

Commencing at the SE Corner of said NE¼; thence N90°00'00"W (Assumed Bearing) on the south line of said NE¼, 672.00 feet to the point of beginning; thence continuing N90°00'00"W on the south line of said NE¼, 610.00 feet; thence S04°30'00"W, 612.00 feet; thence N88°18'00"W, 676.00 feet; thence N16°08'51"E, 242.48 feet; thence N43°02'11"E, 102.11 feet; thence N61°53'36"E, 110.77 feet; thence N02°14'37"W, 139.27 feet; thence N24°56'58"E, 318.12 feet; thence N40°29'39"E, 99.02 feet; thence N48°12'43"E, 193.67 feet; thence N34°07'41"E, 105.56 feet; thence N05°50'43"E, 329.85 feet; thence N83°44'04"E, 306.46 feet; thence S83°30'50"E, 254.85 feet; thence S81°22'46"E, 112.06 feet; thence S00°00'00"W, 805.00 feet to the point of beginning. Containing 23.34 acres more or less.



LEGEND

- ◓ Corners Found
- ● Corners Found
- o Corners Set (5/8"Rebar)
- △ Temporary Point
- R Record Distance
- M Measured Distance



SITUATION SKETCH

SURVEYOR'S CERTIFICATE

I, Leslie J. Siedschlag, a Registered Land Surveyor in the State of Nebraska, hereby certify that this survey was made under my direct supervision on January 13, 2002 and that all dimensions shown are in feet and decimals of a foot and correct to the best of my knowledge and belief.

Leslie J. Siedschlag, Nebraska L.S. No. 469

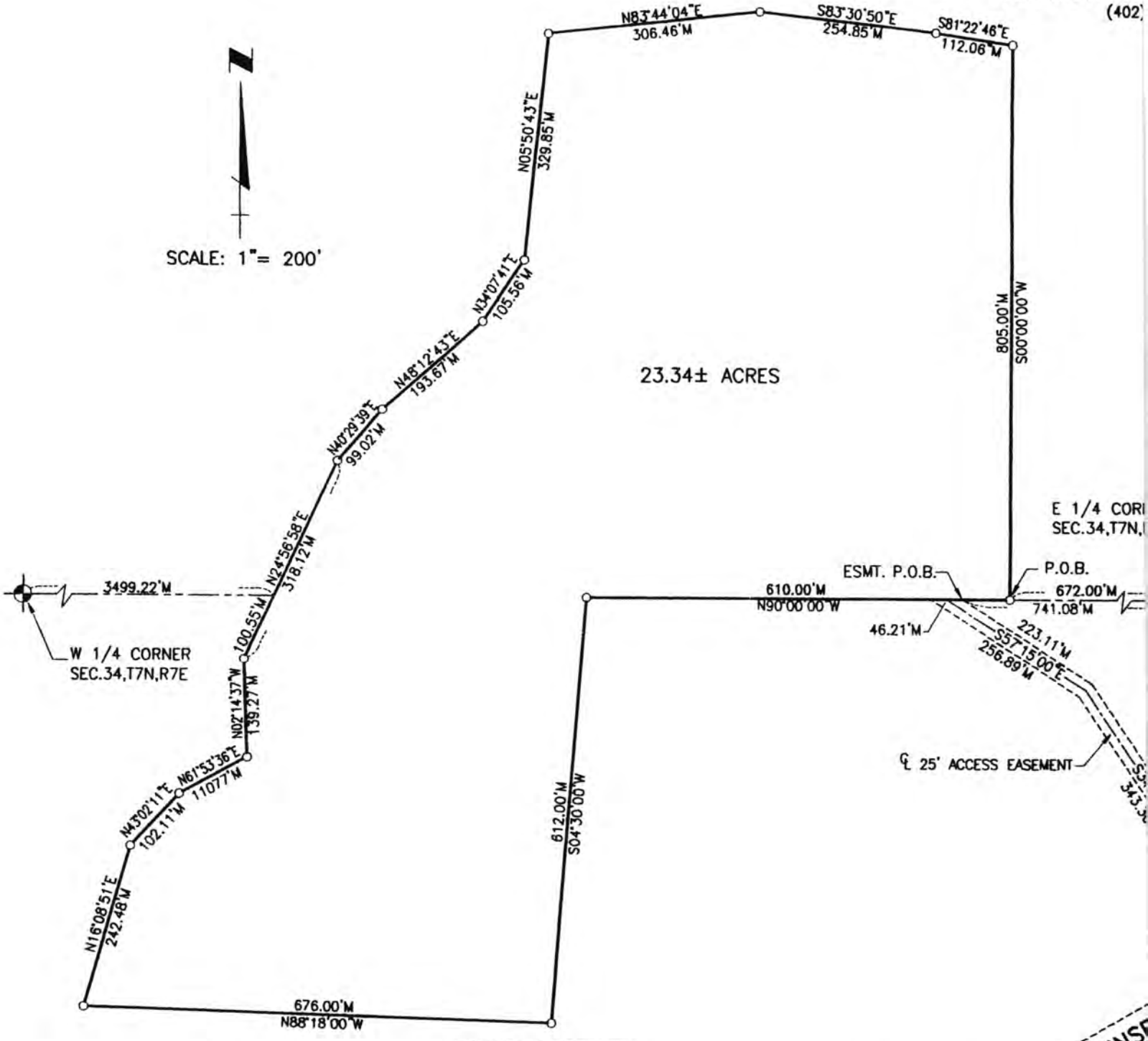
NEBRASKA REGISTERED LS-469 LAND SURVEYOR LESLIE J. SIEDSCHLAG

DRAWN by: Dick 2-21-02

SHEET 1 OF 1

SURVEY

PRE
L & S
PO. BOX 354
(402)



ACCESS EASEMENT

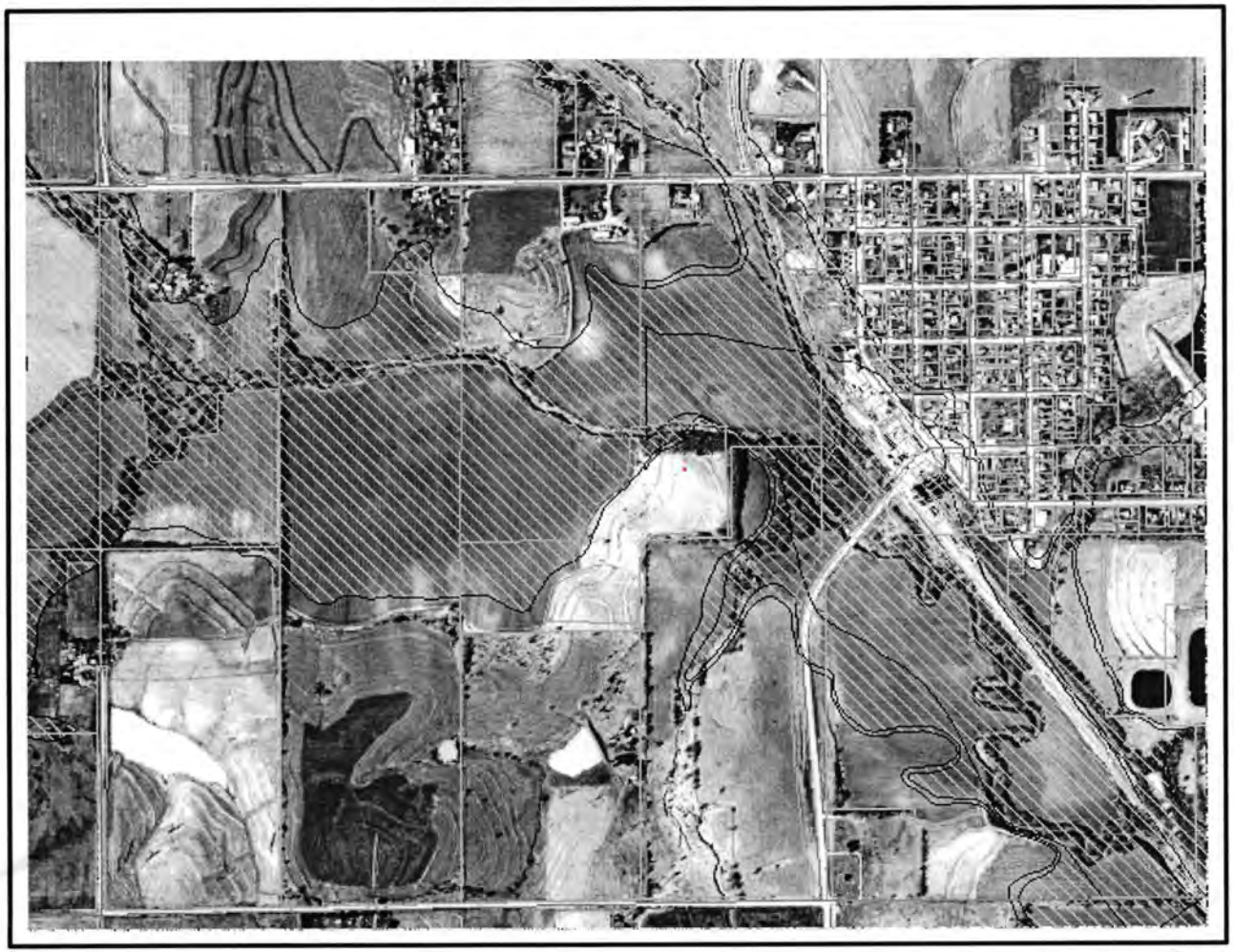
A 25.0 foot wide strip of land located in the SE¼ of Section 34, T7N, R7E of the 6th P.M., Lancaster County, Nebraska, described as follows:

Commencing at the NE Corner of said SE¼; thence N90°00'00"W (Assumed Bearing) on the north line of said SE¼, 741.08 feet to the point of beginning; thence S57°15'00"E, 223.11 feet; thence S34°13'00"E, 340.70 feet; thence S68°24'00"E, 116.52 feet to the northerly boundary line of of Sunset View Addition, located in the SE¼ of said Section 34; thence S59°05'59"W on said northerly boundary line, 31.51 feet; thence N68°24'00"W, 105.02 feet; thence N34°13'00"W, 343.30 feet; thence N57°15'00"W, 256.89 feet to the north line of said SE¼; thence S90°00'00"E on said north line, 46.21 feet to the point of beginning.

© by FLYING R (16-102)

ESRI ArcExplorer 2.0

28801 South 82nd Street



Friday, Jan 3 2003

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

D

Permit Number: 03380 250001

Sewage Disposal System

As Built Plans & Specifications

Date 1.24.03

System Location (Indicate correct number and street)

Address 28801 S. 82nd Street (no rural route) City Firth NE, Zip 68358

A. Building Sewer

1. Material: "SDR 26" PVC Pipe
   Diameter: Round w/ 5.24" Diameter in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12' 10" in.
3. Distance between dwelling and septic tank: 128' 1/2" ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line 131' 5" ft.
   stream 249' ft.
   pressure line 133' ft.
   property line ~~168'~~ ft.

B. Septic Tank

1. Material: _____
   Number of compartments: _____
2. Capacity: _____ 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: _____ 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

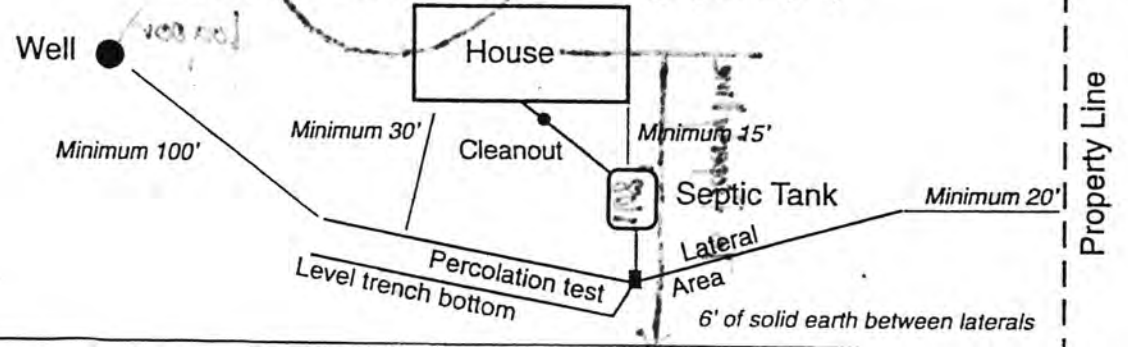
(Provide as-built drawings on back of this form)

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: _____ ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width _____ 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.

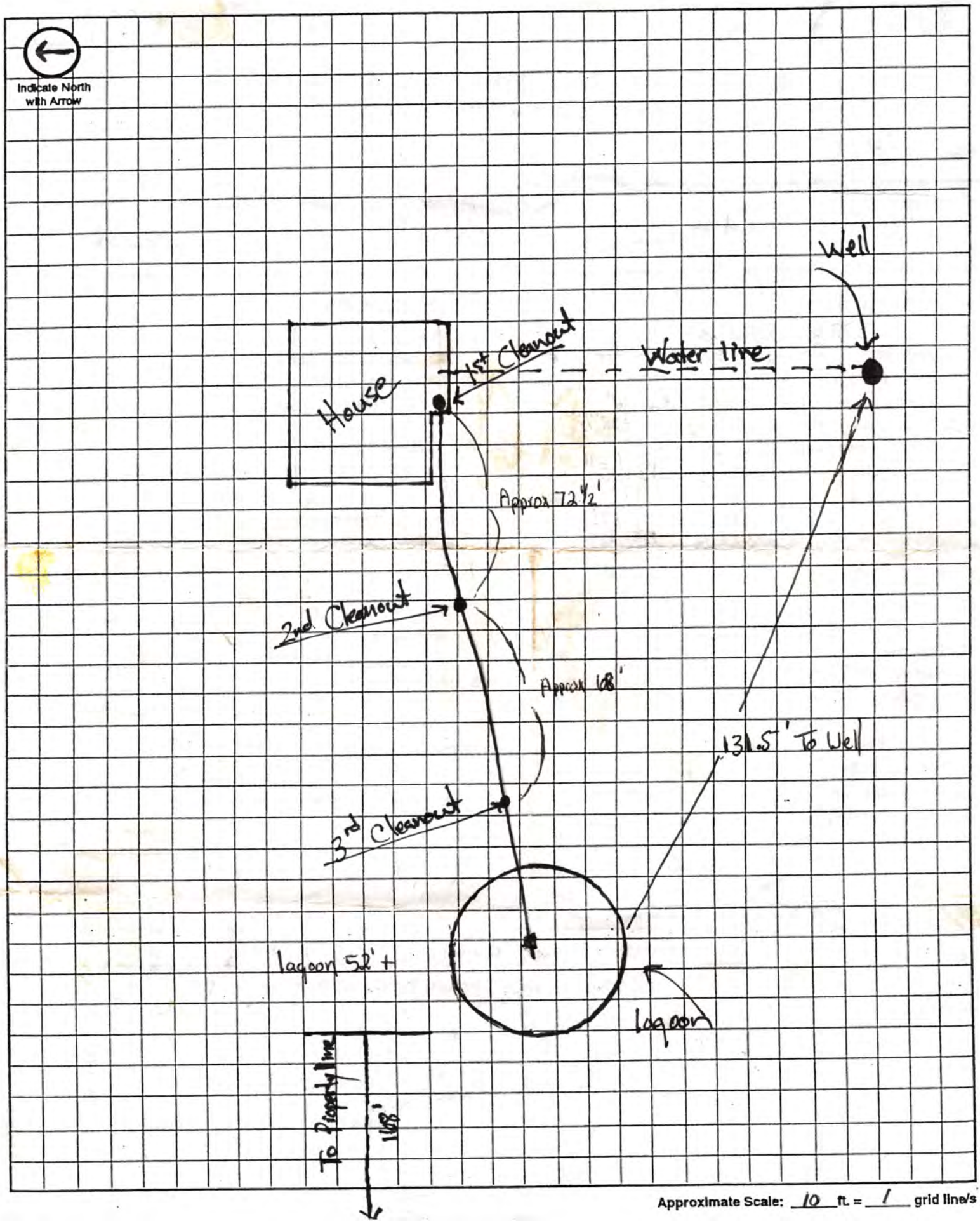
Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



Approximate Scale: 10 ft. = 1 grid line/s