Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008626

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 06380314401

Issued 01/25/06
Expires 01/25/07
Revenue Code 3157

Establishment:
CHERRY HILL HOMES INC
T11N R6E SEC 6 QTR SW
BENES NELSON LOT 3
5338 W MILL RD-RAYMOND

FEES: $275.00

Permittee:
CHERRY HILL HOMES INC
14101 RITTER PL
LINCOLN NE 68317

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

FEB 0 1 2006

A

JAN 2 1 2006

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

Permit Number: 06380314401

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 5338 W. Mill Rd. (no rural route) City Raymond NE, Zip _____

Legal Description SW 1/4 6 1/4 Section T11N Township R6E Range ~~BCRS~~ Nelson Subdivision _____ Addition _____ Block 3 Lot _____

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Cherry Hill Homes, Inc Signature _____

Address 14101 Litak Place City/State/Zip Bennet, NE 68317

☐ Check if owner designed system Home Phone 782-2400 Work Phone 730-5907

C. Contractor

Name Randy Seiffko Company Name Cherry Hill Homes, Inc

Address Same City/State/Zip Same

☐ Check if contractor designed system Work Phone Same

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

Designer Name _____ Firm Vogt Engineering Work Phone 560-4267

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 1/25/06 Date frwd 2/3/06 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 1/30/06 Date frwd 1/31/06 **ACTION** ☒ Approved ☐ Disapproved Signature Nancy K. Thomas, VILLAGE CLERK
3. **City or County Engineer** Date rec'd 2/3/06 Date frwd 2/3/06 **ACTION** ☒ Approved ☐ Disapproved Signature _____

Line tank, lateral 6/19/06 DS.

Installation Final Written Approval

By _____

Date 7/20/06

Business Office Use Only

Date Rec'd 01/25/06

Amt Paid 275.00

Rec'd By _____ ~~Cash~~/Check No. 4806

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

FORM 20105-0477
SOIL ABSORBTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPT.
Division of Environmental Health
3140 "N" Street
Lincoln, Nebraska 68510
Phone: (402) 441-8000

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B

FILE NO 06B803144

PROPERTY WHERE SOIL TESTED:

Owner:
Address: 5338 West Mill Road, Raymond, NE
Township: T12N
Range: R6E
Sect. & 1/4 Sect.: 6 SW1/4
Dimensions (ft x ft):
Area (acres):
(Attach Sheet C with sketch of property)

TEST CONDITIONS
Weather: Cool and Clear

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings					Results		
		Start		End			Start		End				
Perc. Hole No.	Hole Depth (In.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Water Level (in.)	Time (Hr./ Min.)	Water Level (in.)	Time Elapsed (Min.)	Water Level Drop (in.)	Percolation Rate (Min./in.)
1	32"	1/6	11:00	1/7	11:30	1/7	3:00	0.000	3:30	5.500	30	5.500	5.5
2	32"	1/6	11:10	1/7	11:34	1/7	3:04	0.000	3:34	6.340	30	6.340	4.7
3	32"	1/6	11:20	1/7	11:36	1/7	3:06	0.000	3:36	1.250	30	1.250	24.0
4	32"	1/6	11:30	1/7	11:38	1/7	3:08	0.000	3:38	5.000	30	5.000	6.0
5	32"	1/6	11:40	1/7	11:40	1/7	3:10	0.000	3:40	6.000	30	6.000	5.0
6	32"	1/6	11:50	1/7	11:42	1/7	3:12	0.000	3:42	6.250	30	6.250	4.8

Kirk Hughes
Signature of Person Conducting Test
Geotechnical Services, Inc.
Address: 5701 North 58th, Lincoln, NE 68418 Phone: (402) 466-8154

Sum of Percolation Rates: 50.0
Average of Rates: 8.3
Mean of Rates: 8.3

(Do not write below this line)

REVIEWING ACTION

Remarks:
Soil Type (SCS): Sharpsburg silty clay loam grading into Dickenson Sandy loam
Date: FEBRUARY 3, 2006

Approved Percolation Rate (a)
A. _____ min./inch
B. _____ min./inch
C. _____ min./inch

Gerald C. Hood
Signature of Reviewing Official

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

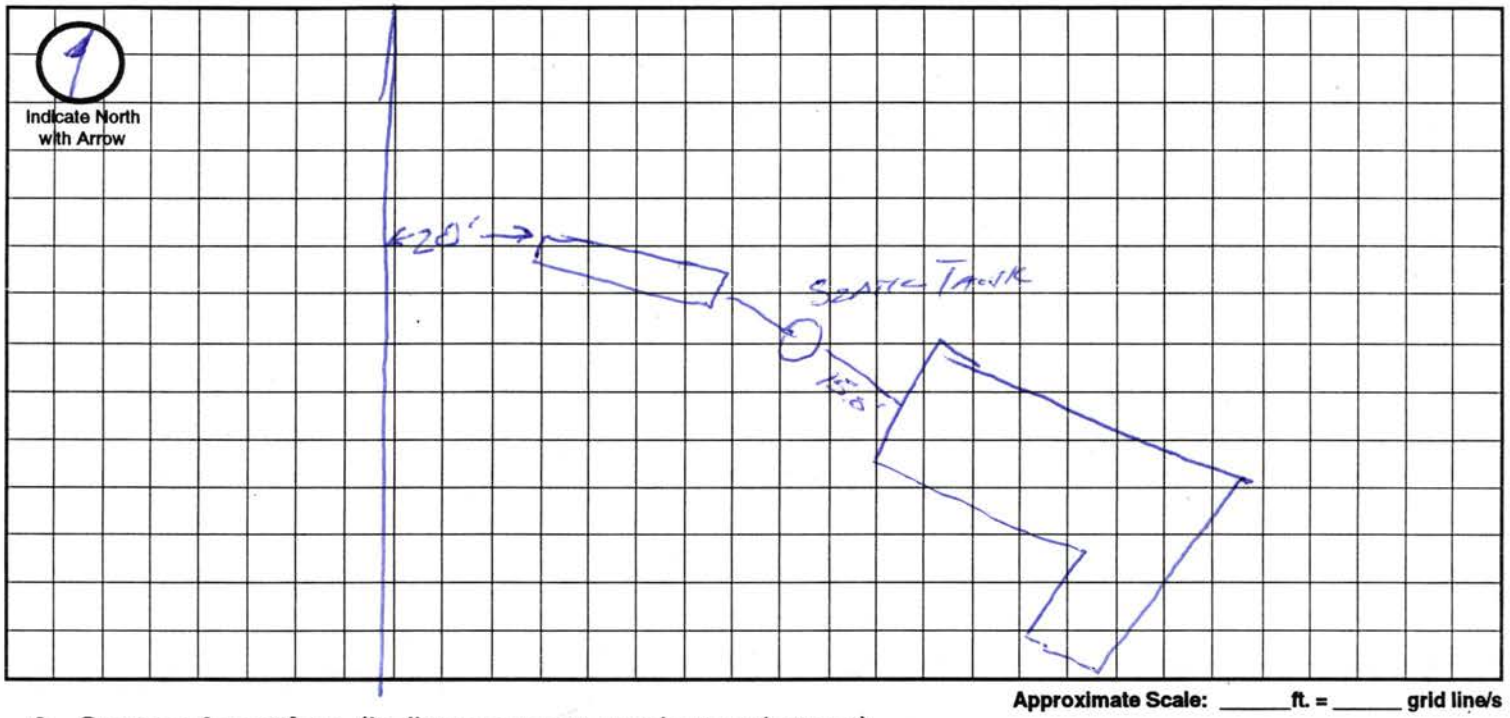
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C

Permit Number: 06380344

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) 5338 W Mill Rd City Lincoln NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 8.3 (min. per inch) Soil Type: _____ Land Slope: 1 %

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

Total Square Feet of Field Required: 660 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: In Ditch or

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 165 ft. Number of Trenches 2 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 _____ Date 1-25-06

Installer _____ Date 1-25-06

FORM 23-102 10-96

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

11-6-6 **D**

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

Date 6-19-06

System Location (Indicate correct number and street)
Address 5338 West Mill Road (no rural route) City Raymond NE, Zip

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 36 in.
3. Distance between dwelling and septic tank: ____ ft.
4. Number of clean-outs: ____
5. Distances to: well or suction line 60 ft.
   stream NA ft.
   pressure line 10 ft.
   property line 50+ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☒ above ☐ below grade 1 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 100+ ft.
   Stream NA ft.
   Pressure line 50+ ft.
   Property line 50+ ft.

C. Distribution Box

1. Material: PVC
   Number available outlets: 8
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 4 ft.

D. Absorption Field

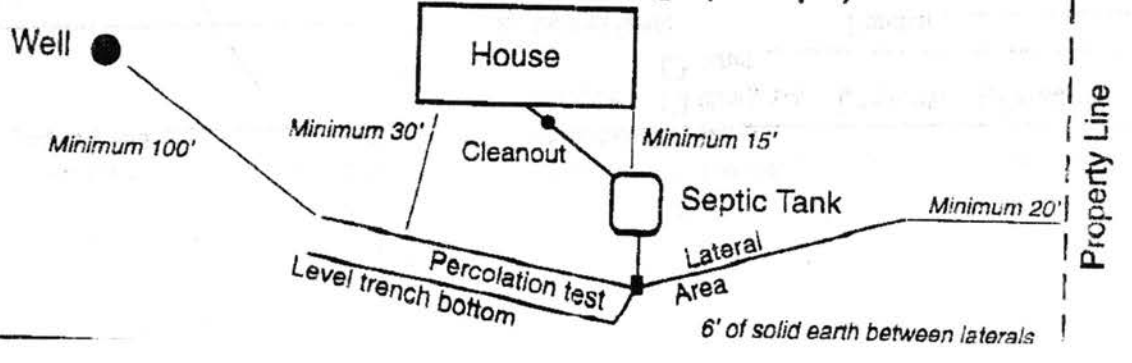
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: 32"
   or perforated pipe: ____
   Material: ☐ fibergiass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 2
   Length of each line: 100 ft. 100 ft.
   ____ ft. ____ ft., ____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 2 in/100 ft.
   Average depth 30 in
4. Filter material: Dirt
   Depth of material ____ in.
5. Distances to: Well or suction line 100+ ft.
   Stream NA ft.
   Pressure line 100+ ft.
   Property line 15+ ft.

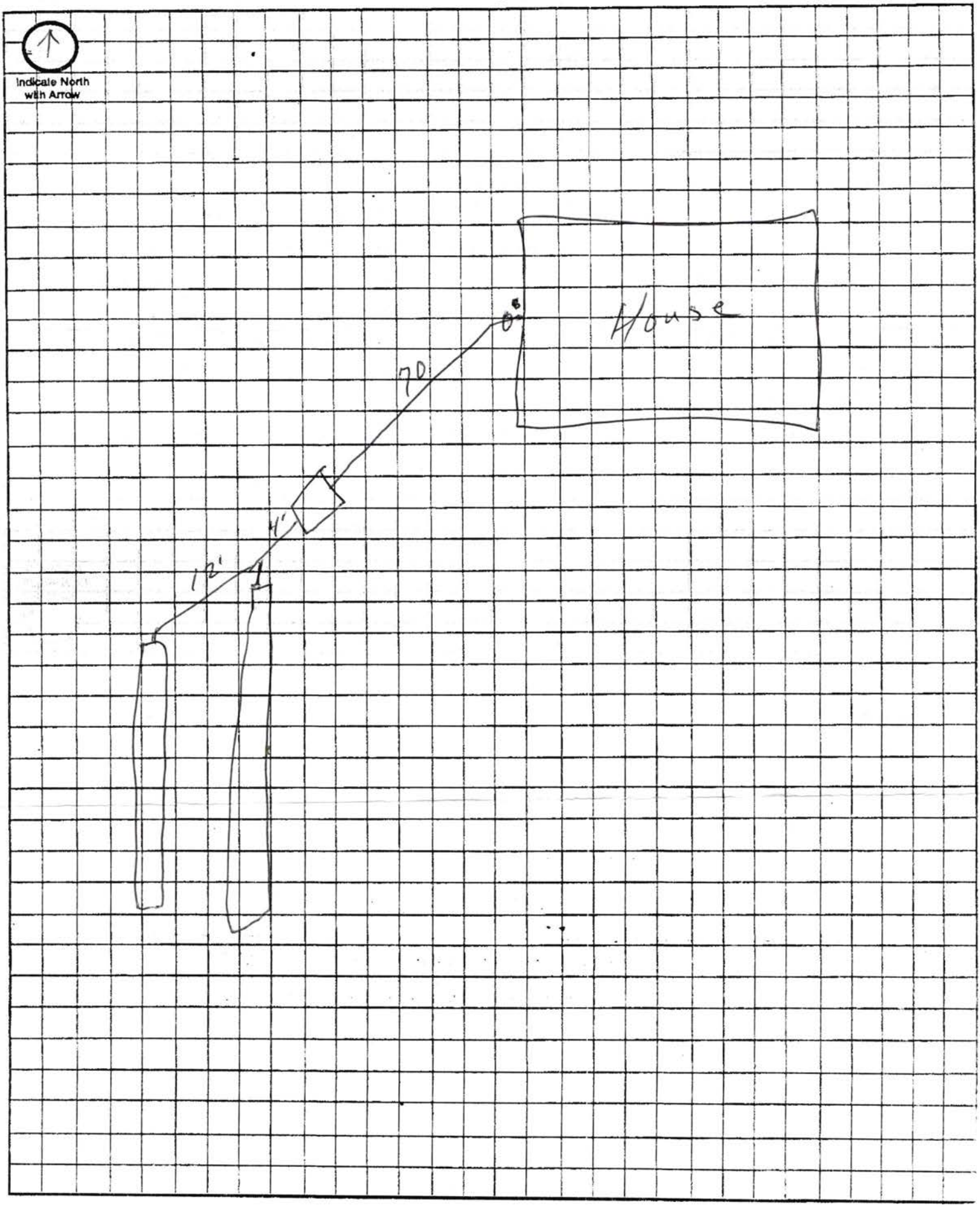
Indicate North with Arrow

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

Individual Sewage System Design (Example)



As Built Drawing



Approximate Scale: _____ ft. = _____ grid lines