Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380227001

Issued 11/27/00
Expires 05/27/01
Revenue Code 3157

FEES: $200.00

Establishment

RICHARD M HEINKE
T9N R8E SEC 23 QTR SE
W 1/2 OF SE 1/4
17300 YANKEE HILL RD-BENNET

TOTAL: $200.00

Permitee

RICHARD M HEINKE
17300 YANKEE HILL RD
BENNET NE 68317

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

013941

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

NOV 21 2000

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 17300 YANKEE HILL ROAD City BENNET NE, Zip 68317
(no rural route)

Legal Description W ½ SESE 23-9-8
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 RICHARD M. HENKE Signature [signature]

Address 17300 YANKEE HILL Rd. City/State/Zip BENNET, NE 68317

☐ Check if owner designed system Home Phone 402-782-2886 Work Phone 402-432-2199

C. Contractor

Name LARRY SCHWARK Company Name SCHWARK TRENCHING

Address 8200 OLD CHENEY Rd. City/State/Zip LINCOLN, NE

☐ Check if contractor designed system Work Phone 489-7294

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

Designer Name LARRY SCHWARK Firm SCHWARK TRENCHING Work Phone 489-7294

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 11/22/00 Date frwd 12/5/00 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 12-5-00 Date frwd 12-5-00 **ACTION** ☒ Approved ☐ Disapproved Signature [signature]
3. **City or County Engineer** Date rec'd 12/5/00 Date frwd 12/5/00 **ACTION** ☒ Approved ☐ Disapproved Signature [signature]

System was installed before permit taken out but was inspected before covering

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date SEPTEMBER 26, 2005

Business Office Use Only

Date Rec'd 11/27/00

Amt Paid 200.00

Rec'd By LS Cash/Check No. 3523

FORM 23-100 9-00 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 17400 Yankee Hill Road City Lincoln NE, Zip

(no rural route)

Owner Richard M. Heinke Address 6024 Oakridge Drive

Soil Type (SCS): Percolation Rate: min./inch

Date of Tests 9-8 to 9-9-97 Weather: Precipitation 1/10 Temperature 70°

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	28	9-8	8:15	9-9	7:15	9-9	8:45	17	9-9	9:15	30	1 1/4	37.5
2	11							20 3/8				1 1/8	33.75
3	"							18				1 1/8	33.75
4	"							14 3/4				1	30
5	"							13 3/4				3/4	22.5
6	"							17				3/4	22.5
7	"							DRY				1/2	

Sum of Percolation Rates: 180

Average of Rates: 30

Rate Used for Calculation: 30 60

JM

Person Conducting Percolation Tests

Name: Darrey Sokolowski

Phone: 489-2294

Address 8200 Old Cheney Rd.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks AVERAGE OF 30 MIN/IN WOULD BE ACCEPTABLE. "C" SHEET SHOWS 60 MIN/IN TO BE USED.

Signature of Reviewing Official J E Mann Date 11-22-00

FORM 23-101 10-96

FROM : Panasonic FAX SYSTEM PHONE NO. : Sep. 10 1997 10:15PM P2

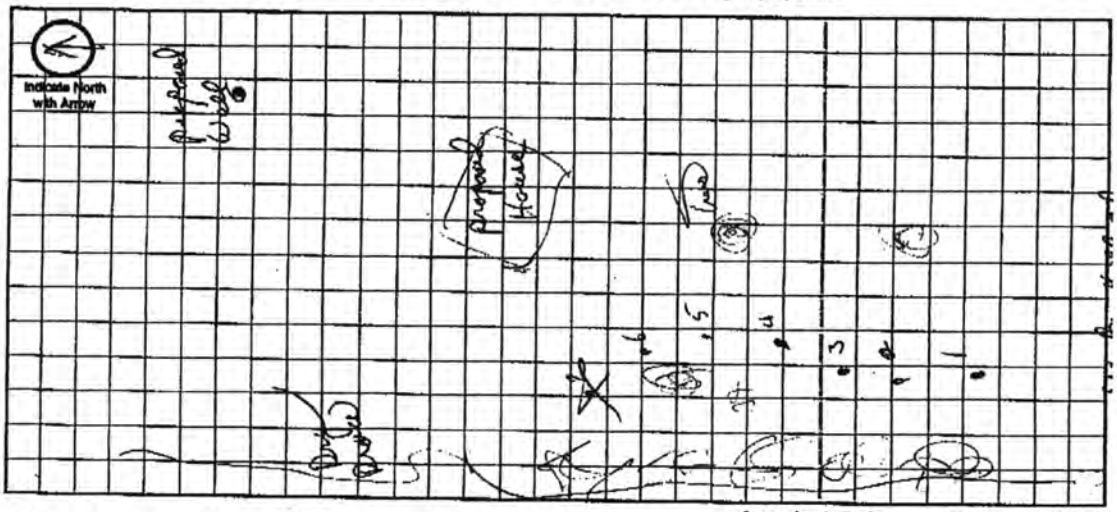
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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) 12400 Yankee Hill Rd City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other _____

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

Percolation Rate 60 (min. per inch) Soil Type: Silty clay loam Land Slope: 1% %

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

Total Square Feet of Field Required: 1016 sq. ft.

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

Capacity of Septic Tank 1250 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 300 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 _____ Date _____

Installer Larry Schwanke Date 9-9-97

FORM 23-102 10-96

FROM : Panasonic FAX SYSTEM PHONE NO. : Sep. 10 1997 10:16PM P3

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 11-15-99

System Location (Indicate correct number and street)
Address 17300 Yankee Hill Rd (no rural route) City Lincoln NE, Zip

A. Building Sewer
1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 40 in.
3. Distance between dwelling and septic tank: 87 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line ____ ft.
   stream ____ ft.
   pressure line ____ ft.
   property line ____ ft.

B. Septic Tank
1. Material: precast
   Number of compartments: ____
2. Capacity: 1250 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: 10 in.
8. Distances to: Well or suction line ____ ft.
   Stream ____ ft.
   Pressure line ____ ft.
   Property line ____ ft.

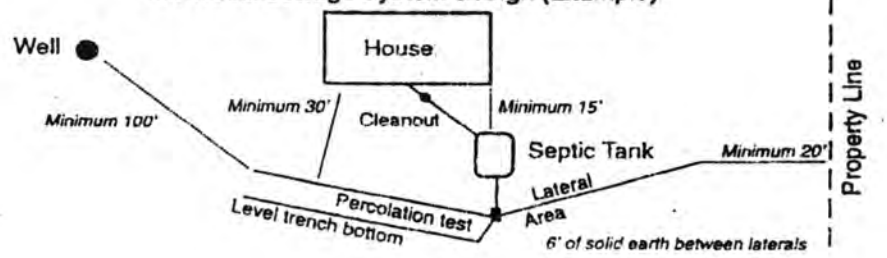
C. Distribution Box
1. Material: Plastic Drop Boxes
   Number available outlets: ____
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 64 - 110 ft.

D. Absorption Field
(Provide as-built drawings on back of this form)
1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 15" Infiltrator
   or perforated pipe: ____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 4
   321' Length of each line: 100 ft. 100 ft.
   96 ft. 25 ft., ____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 3 in/100 ft.
   Average depth 30 in
4. Filter material: Road Gravel
   Depth of material 18 in.
5. Distances to: Well or suction line ____ ft.
   Stream ____ ft.
   Pressure line ____ ft.
   Property line ____ ft.

Indicate North with Arrow

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

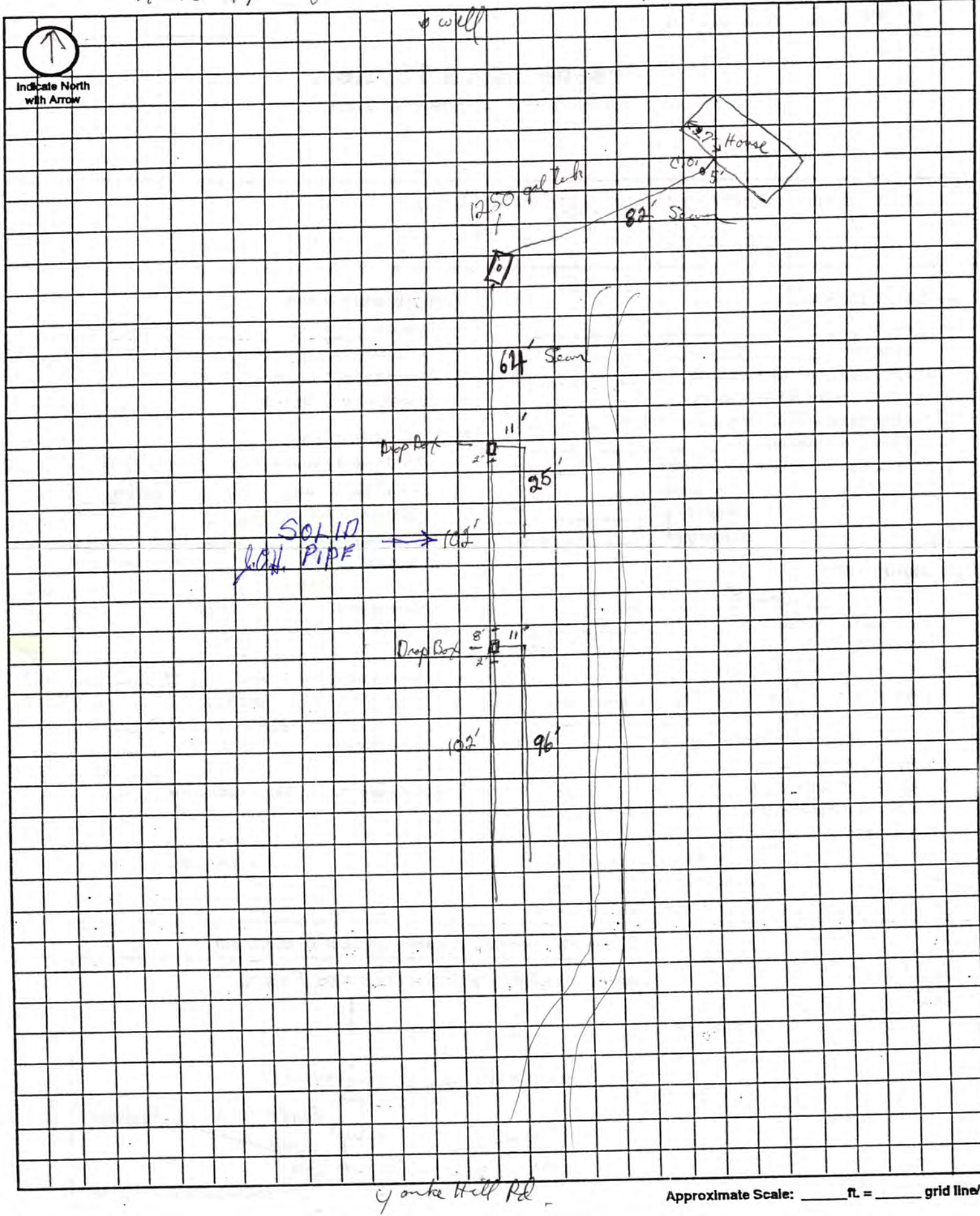
Individual Sewage System Design (Example)



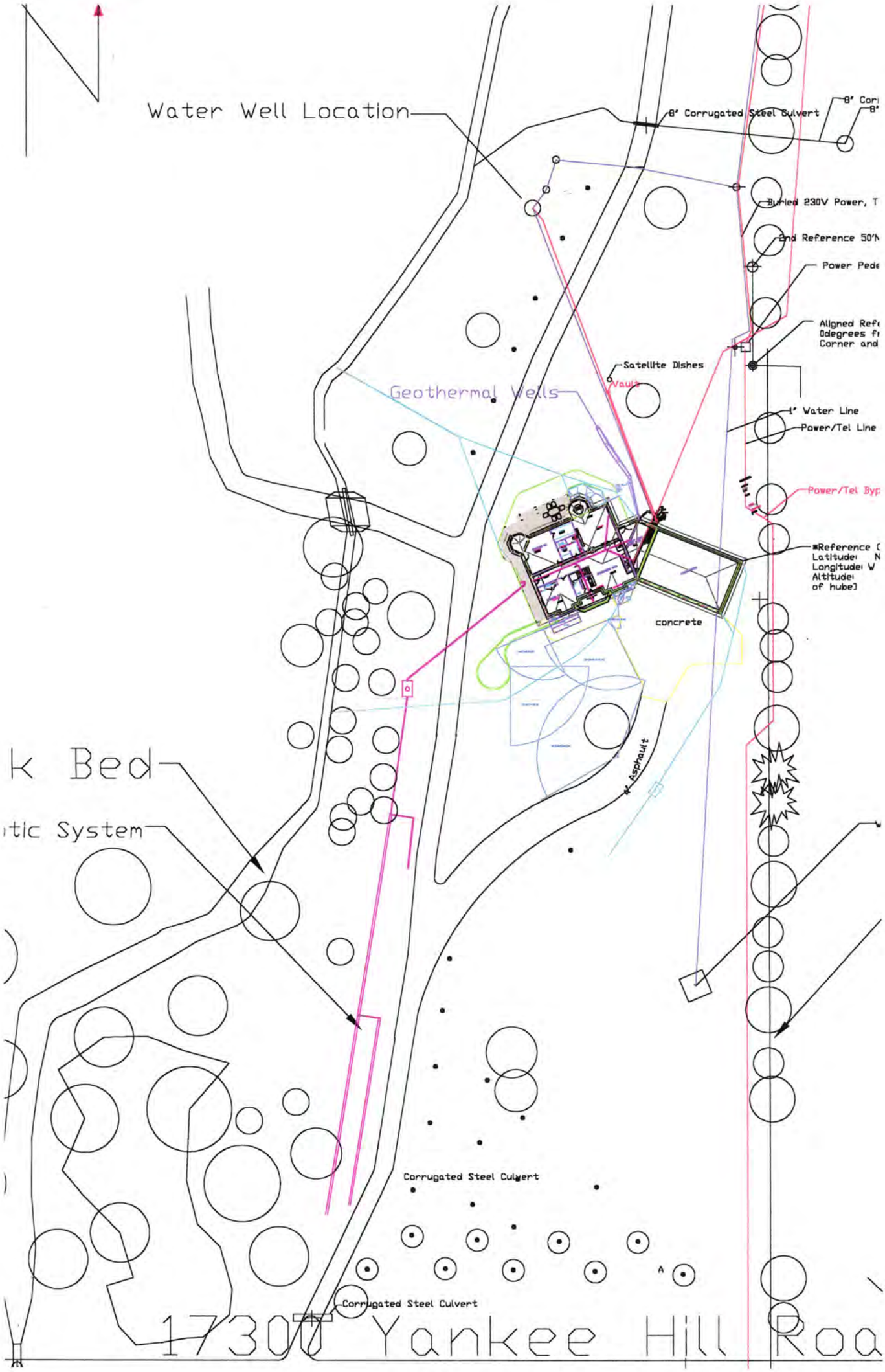
FORM 23-103 10-96

As Built Drawing

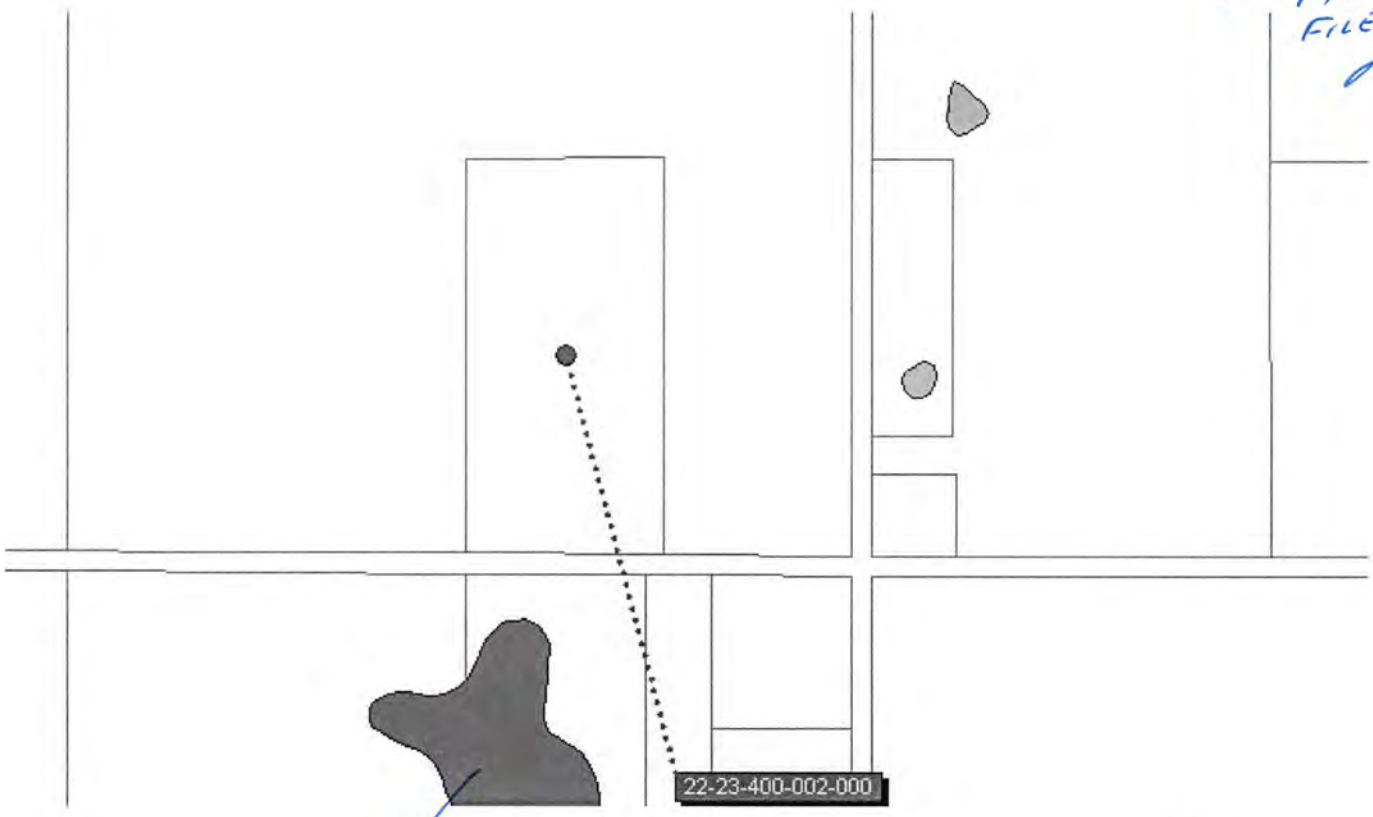
by Larry Schewaeck
11-15-99 for Richard Heinke 17400 Yankee Hill Rd.



Approximate Scale: _____ ft. = _____ grid line/s


Water Well Location
8" Corrugated Steel Culvert
Buried 230V Power, T
End Reference 50'N
Power Pede
Aligned Refe
Odegrees fr
Corner and
Satellite Dishes
Vault
Geothermal Wells
1" Water Line
Power/Tel Line
Power/Tel Byp
Reference C
Latitude: N
Longitude: W
Altitude:
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concrete
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Corrugated Steel Culvert
Corrugated Steel Culvert
17300 Yankee Hill Roa

JERRY FYI FILE JM



17300 YANKEE HILL RD

100 YEAR FLOOD PLAIN