Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380224401

Issued 10/04/00
Expires 04/04/01
Revenue Code 3157

Establishment

DAVID CYGAN
T9N R6E SEC 21 QTR SE
S 1/4 OF SE 1/4 BLK 1 LOT 2
1800 W FOOTHILLS RD

FEES: $200.00

Permitee

DAVID CYGAN
2830 S 44 ST
LINCOLN NE 68506-3324

TOTAL: $200.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

013775

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

A

Permit Number: 00 38 02 244

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 1800 W Foothills Rd (no rural route) City Lincoln NE, Zip

Legal Description S SE 21 9N 6E Burr Oaks 1 2
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 David and Shelly Cygan Signature David Cygan by Jeanette Kaple

Address 2830 S 44 City/State/Zip Lincoln Ne 68510

☐ Check if owner designed system Home Phone 486-3183 Work Phone 420-2200

C. Contractor Steve Fulton

Name Fulton Construction Company Name Fulton Construction Inc

Address PO Box 4438 City/State/Zip Lincoln, Ne 68504-0438

☐ Check if contractor designed system Work Phone 464-7272 430-9979

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

Designer Name Larry Schwarck Firm Schwarck Trenching Work Phone 489-7294

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 4 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 10-3-00 Date frwd — ACTION ☒ Approved ☐ Disapproved Signature
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 10-6-2000 Date frwd — ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 10-6-00 Date frwd 10-6-00 — ACTION ☐ Approved ☐ Disapproved Signature

10/20 Line + tank inspected
10/27 Completed installation inspection

Installation Final Written Approval

By Doug Schwarck

Date 10/31/2000

Business Office Use Only
Date Rec'd 10/4/00
Amt Paid $200.00
Rec'd By Cash/Check No. 2843.

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

Lincoln-Lancaster County Health Department
Environmental Health Division
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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 1800 W Foothills Rd City LINCOLN NE, Zip

(no rural route)

Owner David and Shelly Cyg Address 2830 N 44 LINCOLN Ne. 68510

Soil Type (SCS): Percolation Rate: 60 min./inch

Date of Tests 10-3 to 10-4-00 Weather: Precipitation ← Temperature 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	30	10-3	6:15 pm	10-4	7:15 Am	10-4	10:45	15	10-4	11:15	30	3/4	40
2								13 1/4				3/4	40
3								15 1/8				3/4	40
4								14				1/2	60
5								12 1/2				1/2	60
6								15 1/4				1/2	60
7								16 1/2				1/2	60
8								16					

Person Conducting Percolation Tests

Name: Larry Schwenk

Phone: 489-7294

Address 8200 old Cheney Rd.

Sum of Percolation Rates:

Average of Rates:

Rate Used for Calculation: 60 min/inch

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks OK @ 60 MIN/IN

Signature of Reviewing Official [signature] Date 10-4-00

FORM 23-101 10-96

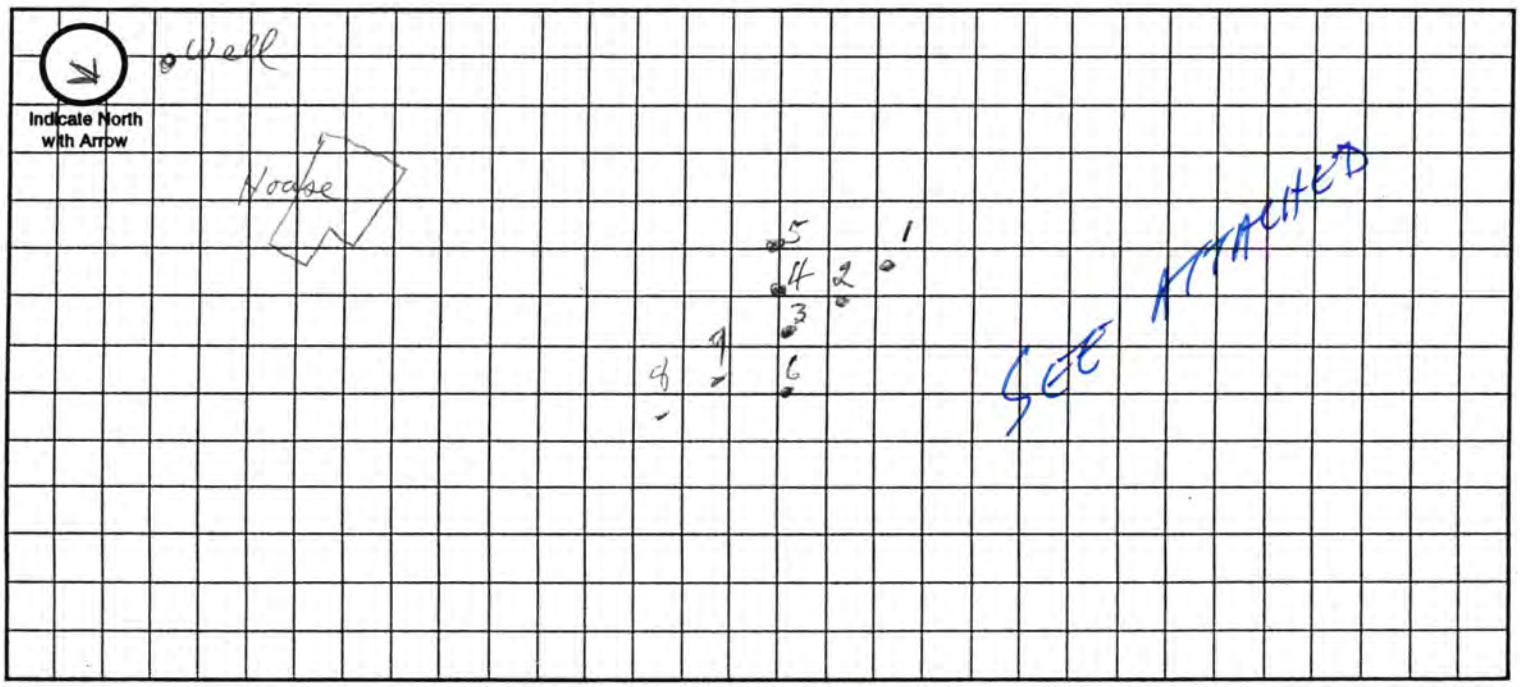
Lincoln-Lancaster County Health Department
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C

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) 1800 W Foothills 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 60 (min. per inch) Soil Type: Clay Land Slope: ½ To 1½ %

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

Total Square Feet of Field Required: 1400 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: Infiltrator 4" wide

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

Total Length of Laterals 350 ft. Number of Trenches 5 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 Fulton Construction, INC. Date 10-2-00

Installer Larry Sakevark Date 10-3-00

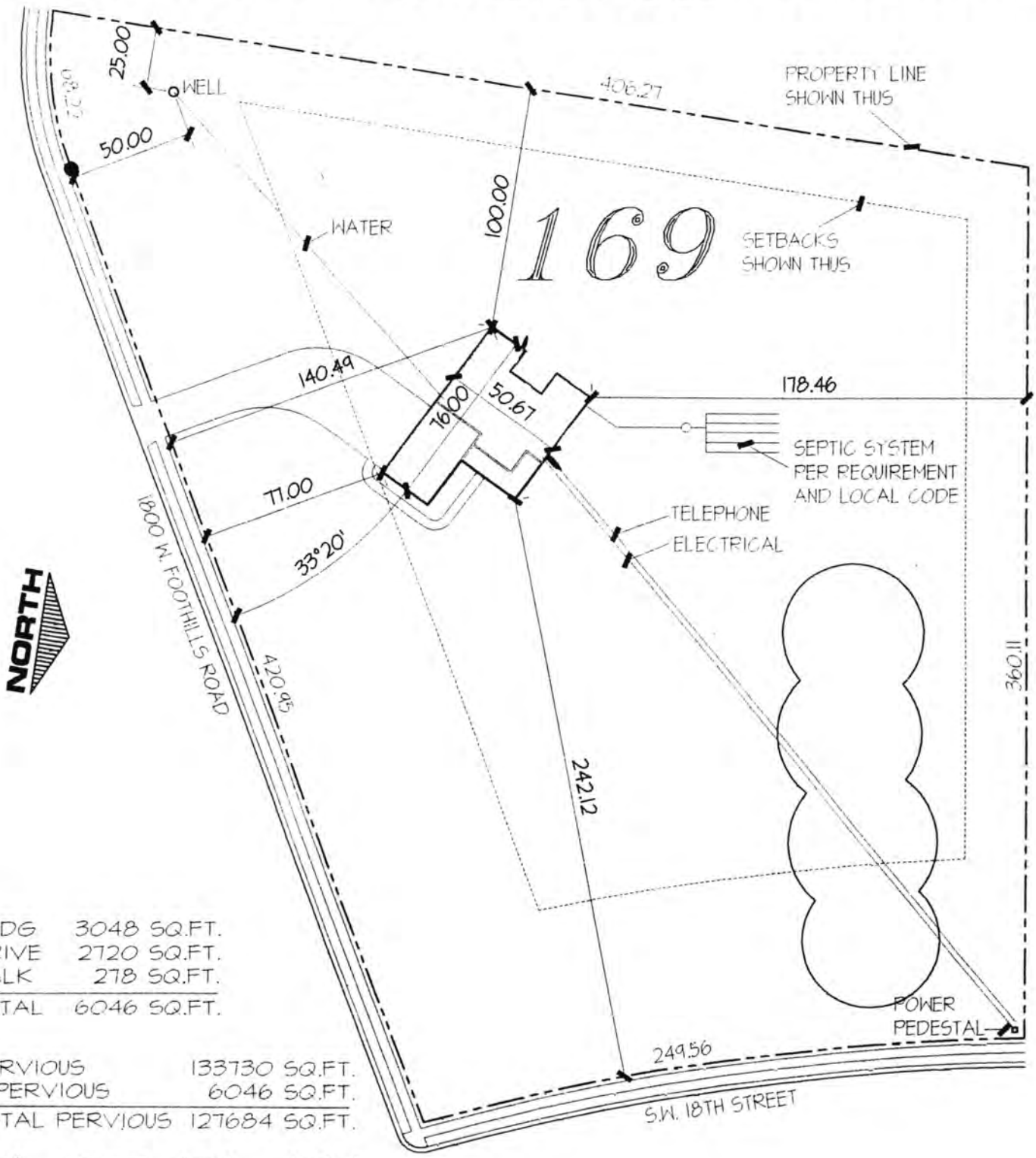
FORM 23-102 10-96

BURR OAKS

LOT #2 - BLOCK #1

"THE CYGAN RESIDENCE" 1800 W Foothills Rd

THIS SITE PLAN IS ACCURATE TO THE EXTENT OF THE INFORMATION RECEIVED. VERIFICATION IS THE RESPONSIBILITY OF THE CONTRACTOR.



BLDG	3048 SQ.FT.
DRIVE	2720 SQ.FT.
WALK	278 SQ.FT.
TOTAL	6046 SQ.FT.

PERVIOUS	133730 SQ.FT.
IMPERVIOUS	6046 SQ.FT.
TOTAL PERVIOUS	127684 SQ.FT.

PLOT PLAN

SCALE: 1" = 60'

OCT 31 2000

D

Lincoln-Lancaster County Health Department
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Phone: 402-441-8022

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10-27-00

System Location (Indicate correct number and street)

Address 1800 W Foothills Rd (no rural route) City Lincoln NE, Zip

A. Building Sewer

1. Material: plastic Class 160.
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: 120 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: 1500 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: 8 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: 2 plastic Drop Boxes
   Number available outlets: ~~4~~
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 40 + 72 ft.

D. Absorption Field

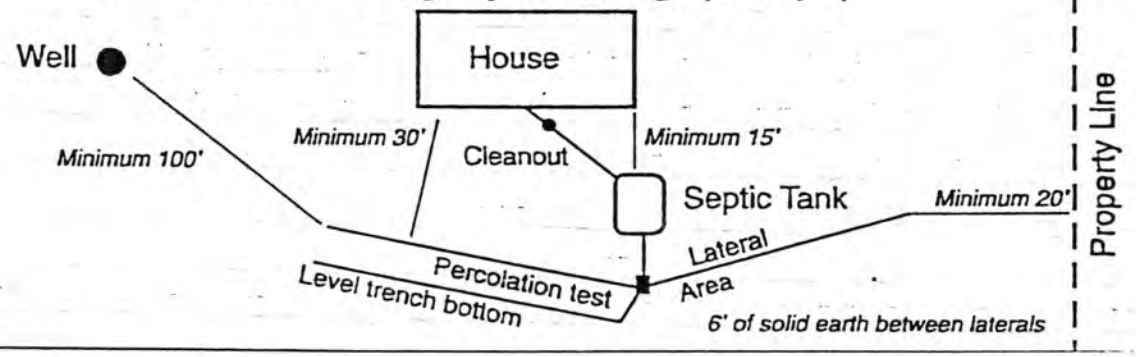
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: 15" Infiltrator
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 5
   Length of each line: 96 ft. 70 ft.
   354
   68 ft. 60 ft., 60 ft.
3. Trench dimensions: Width 4 ft.
   Slope — in/100 ft.
   Average depth 36 in
4. Filter material: Road Gravel
   Depth of material 16 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.

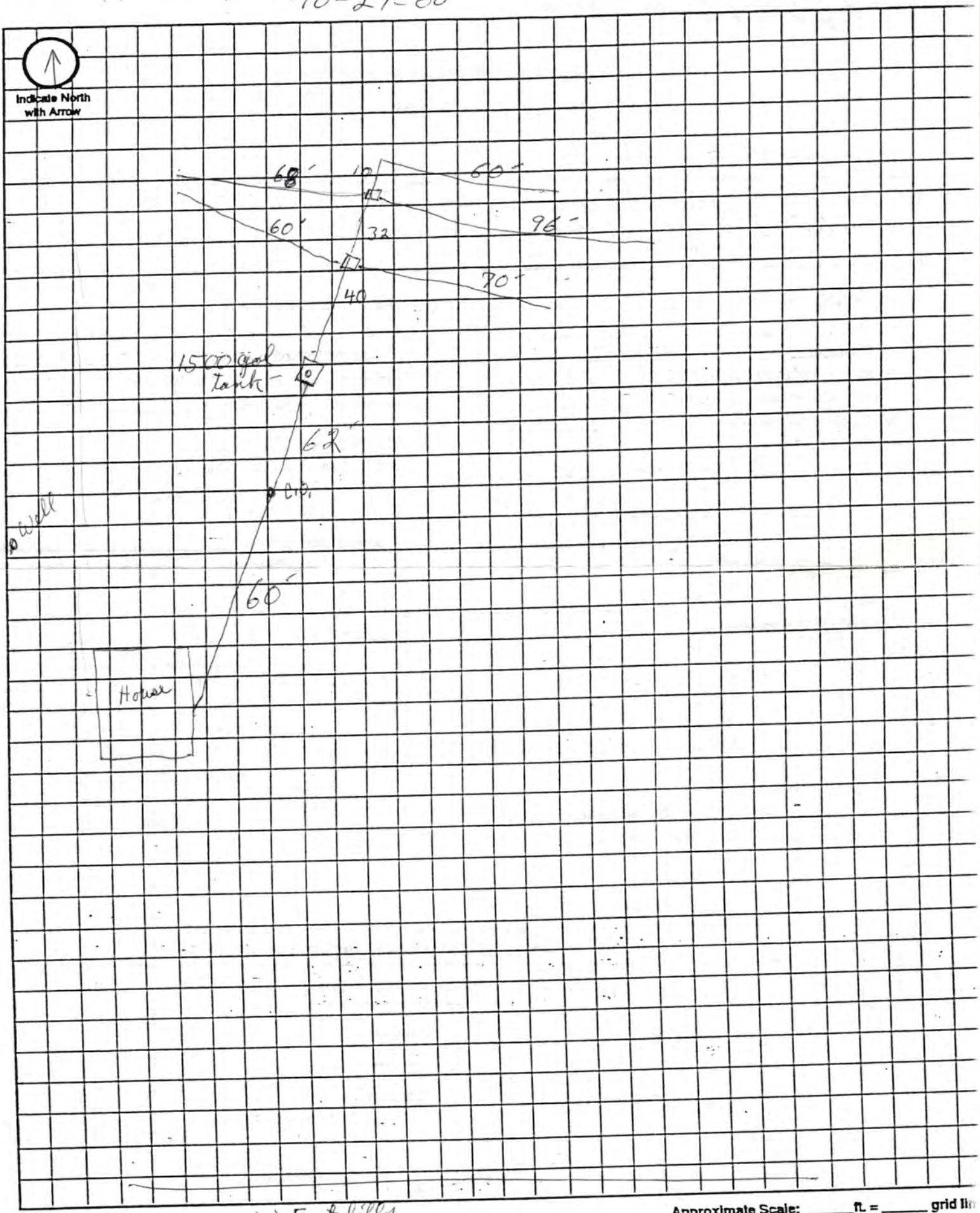
Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing

by Larry Schwarck for Fulton Const
10-27-00



Approximate Scale: _____ ft. = _____ grid li