# LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

3140 "N" STREET Lincoln, NE 68510-1514 (402) 441-8000

NON TRANSFERABLE

## PERMIT

Permit No. 97380170201

SEWAGE INSTALLATION
SEPTIC SYSTEM

Issued 12/17/97
Expires 06/17/98
Revenue Code 3157

Establishment

RICHARD WIESE
T11N R5E SEC 29 QTR NE
LOT 26
8801 NW 112 ST-MALCOLM

FEES: $150.00

Permittee

RICHARD WIESE
6316 TANGLEWOOD CT
LINCOLN NE 68516-2351

TOTAL $150.00

5579

Issued By Gregg Wright MO.
~~M. Jane Ford~~
~~Health Director~~

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"

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

**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 8801 N.W. 112 Th (no rural route) City Malcolm NE, Zip 68402

Legal Description NE 1/4 NE 1/4 29 (Section) 11N (Township) 5E (Range) Subdivision Addition Block 26 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 & Lurge Wiese Signature Richard Wiese

Address 6316 Tanglewood Court City/State/Zip Lincoln, NE 68516

☐ Check if owner designed system Home Phone 402 423 1632 Work Phone —

### C. Contractor

Name Roland E. Casburn Company Name Casburn Const.

Address 3820 N. 42 City/State/Zip Lincoln Nebr

☐ Check if contractor designed system Work Phone 432-0720

### 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 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 12-16-97 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature Ron Maynard
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 1-5-98 Date frwd 1-5-98 ACTION ☒ Approved ☐ Disapproved Signature [illegible]
3. **City or County Engineer** Date rec'd 1-2-98 Date frwd 1-2-98 ACTION ☒ Approved ☐ Disapproved Signature [illegible]

12-30-97 rvw Sewer Line & tank
12-31-97 rvw Drain field.

### Installation Final Written Approval

By Ron Maynard

Date 1-5-98

***Business Office Use Only***

Date Rec'd 12/16/97
Amt Paid #150.00 Cash
Rec'd By [illegible] Cash/Check No. _____

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

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

**B**

Permit Number:

# Sewage Disposal System

## Soil Absorption Test Data Report

## Annex to Application

29-11-5

PLEASE PRINT OR TYPE

### System Location (Indicate correct number and street)

Address 112th + West Mckelvey City Malcolm NE, Zip

SW corner (no rural route)

Owner R. Wiese Addresss 6316 Stanglewood ct Zip: NE 68516

Soil Type (SCS): Percolation Rate: NO min./inch

Date of Tests 11-20-97 to 11-21-97 Weather: Precipitation Temperature 45

### 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 11-19 | | 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 | 18" | 11-19 | 3 PM | 11-20 | 3PM | 11-20 | 2PM | 6" | 11-20 | 3PM | 60 | 1 1/2 | 40 |
| | | | 11-3PM | | | | | | | | | | |
| 2 | | | | | | | | | | | | 1 1/2 | 40 |
| 3 | | | | | | | | | | | | 1 3/8 | 37 |
| 4 | | | | | | | | | | | | 1 3/8 | 27 |
| 5 | | | | | | | | | | | | 1 7/8 | 27 |
| 6 | | | | | | | | | | | | 1 1/8 | 53 |

Sum of Percolation Rates: 224

Average of Rates: 38 min/inch

Rate Used for Calculation: 38

### Person Conducting Percolation Tests

Name: Sam Steele

Phone: 435-8564

Address 6710 NO 70 DR S Zip: NE 6852(

DO NOT WRITE BELOW THIS LINE

### Reviewing Action

Remarks Shrapsburg silty clay loam according to soils mgr

Signature of Reviewing Official Ron Moyer Date 12-16-97

FORM 23-101 10-96

AGRONOMY DEPARTMENT ANALYTICAL LABORATORY
UNIVERSITY OF NEBRASKA LINCOLN

NAME Sutton
REF M 114
PA 1

| SAMPLE ULNT | PERCENT SAND | PERCENT COARSE SILT | PERCENT FINE SILT | PERCENT VERY FINE SILT | PERCENT CLAY | TEXTURAL CLASS |
|---|---|---|---|---|---|---|
| 1 | 7.13 | 26.22 | 28.32 | 4.20 | 34.11 | SILTY CLAY LOAM |
| 2 | 9.60 | 24.17 | 27.33 | 10.51 | 28.40 | SILTY CLAY LOAM |
| 3 | 9.90 | 24.99 | 27.08 | 6.25 | 31.78 | SILTY CLAY LOAM |
| 1 | 11.36 | 18.87 | 27.26 | 5.24 | 37.24 | SILTY CLAY LOAM |
| 5 | 9.29 | 23.07 | 25.69 | 3.67 | 38.29 | SILTY CLAY LOAM |
| 6 | 6.88 | 24.22 | 31.59 | 5.27 | 30.04 | SILTY CLAY LOAM |

Test taken at site No 2

1½ 1½ 1⅝ 1⅞ 1⅞ 1⅛
Hole 1 2 3 4 5 6

423-4460

Richard Wiese, 8801 NW 12th

29-11-5 Lot 26 NW/12th & McKelvie

SW. corner

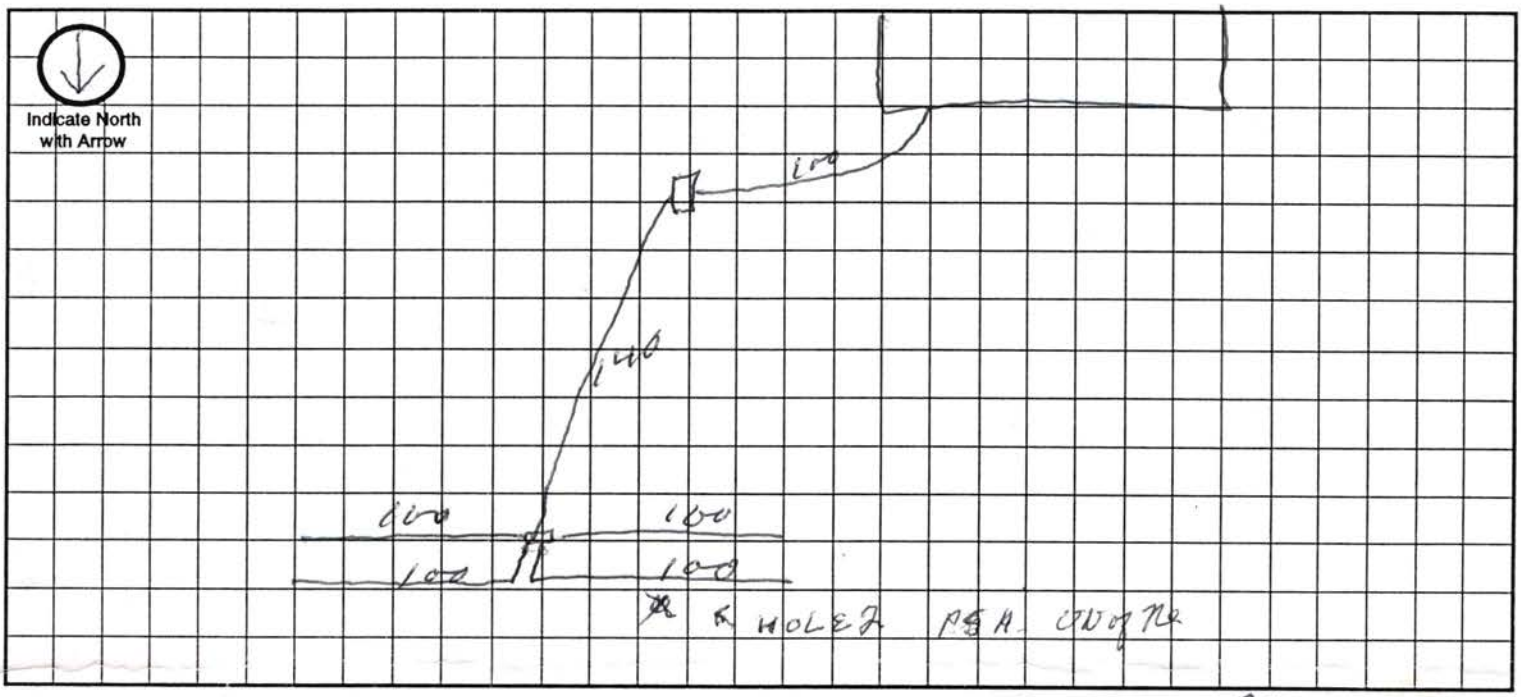
C

**Lincoln-Lancaster County Health Department**
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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:** 20 ft. = _____ grid line/s

## A. System Location (Indicate correct number and street)

Address (no rural route) _____ 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 38 (min. per inch) Soil Type: Sharpsburg silty clay loam Land Slope: _____ %

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

Total Square Feet of Field Required: 1123 sq. ft.

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

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

Total Length of Laterals 374 ft. Number of Trenches 4 Trench Width 36"

## 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 Roland E. Cashman Date 12-17-97

Installer [illegible] Date 12-15-97

FORM 23-102 10-96

**Lincoln-Lancaster County Health Department**
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**D**

Permit Number:

# Sewage Disposal System

## As Built Plans & Specifications

Date 31 Dec 1997

**System Location (Indicate correct number and street)**

Address 8801 NW 112th. (no rural route) City _____ NE, Zip _____

## A. Building Sewer

1. Material: PLASTIC sch40
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 18 in.
3. Distance between dwelling and septic tank: 79 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line OVER 100 ft.
   stream _____ ft.
   pressure line _____ ft.
   property line OVER 100 ft.

## B. Septic Tank

1. Material: CONCRETE
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☒ above ☐ below grade 6 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 OVER 100 ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

## C. Distribution Box

1. Material: PLASTIC
   Number available outlets: 7
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 156 ft.

## D. Absorption Field

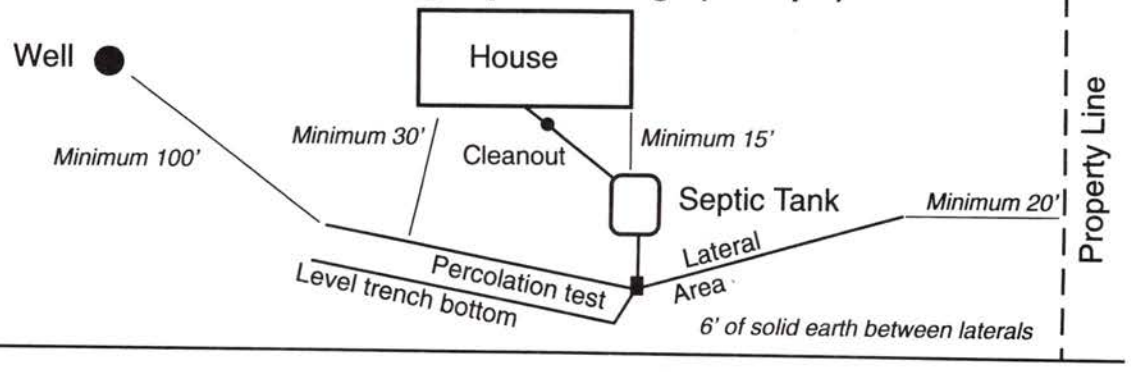
*(Provide as-built drawings on back of this form)*

1. Type: ☐ Half rounds ☒ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: 4"
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 4
   Length of each line: 100 ft. 100 ft.
   100 ft. 100 ft., _____ ft.
3. Trench dimensions: Width 36" ft.
   Slope 4 in/100 ft.
   Average depth 28 in
4. Filter material: GRAVEL
   Depth of material 12 in.
5. Distances to: Well or suction line OVER 100 ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

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

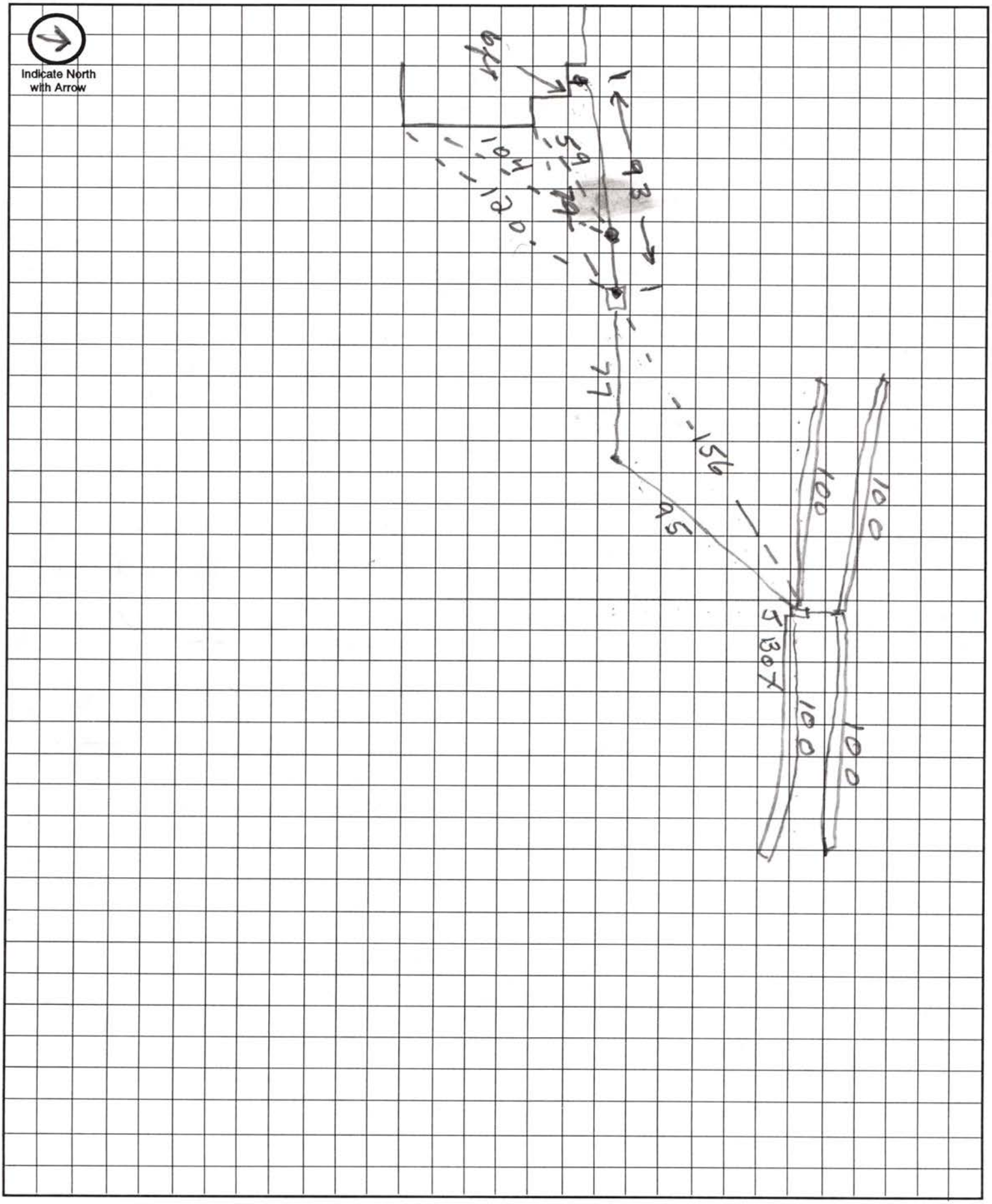
Indicate North with Arrow

### Individual Sewage System Design (Example)

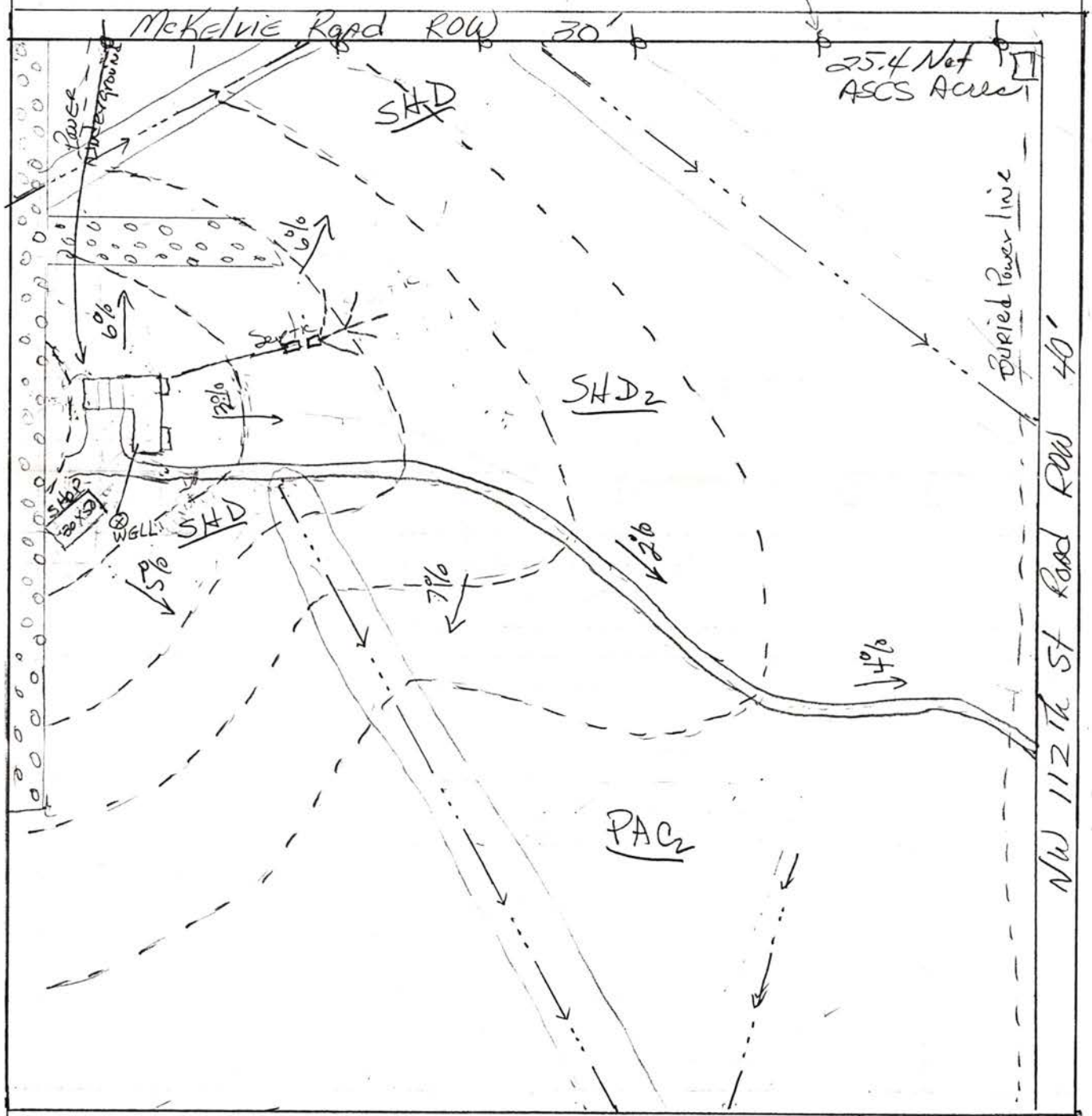


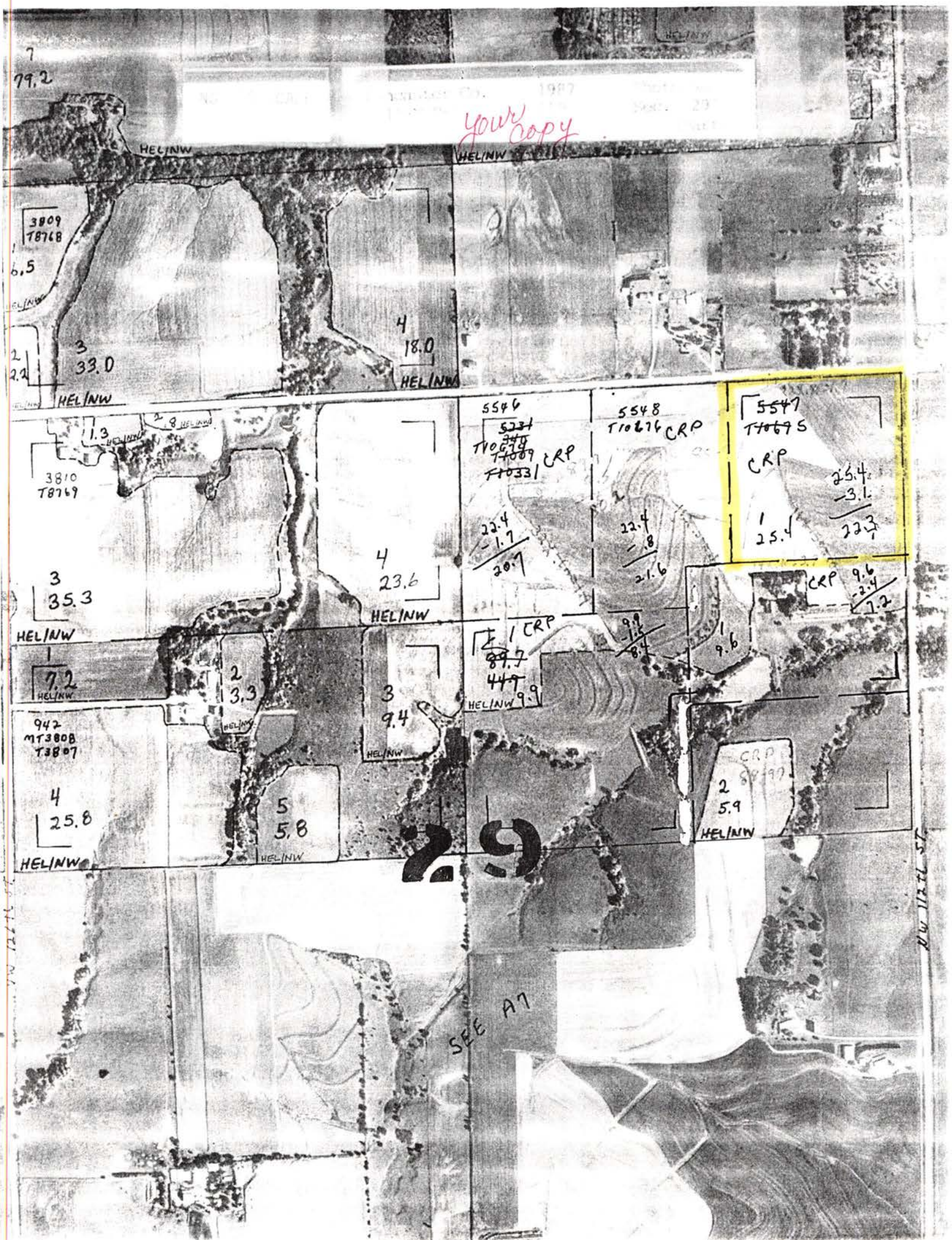

FORM 23-103 10-96

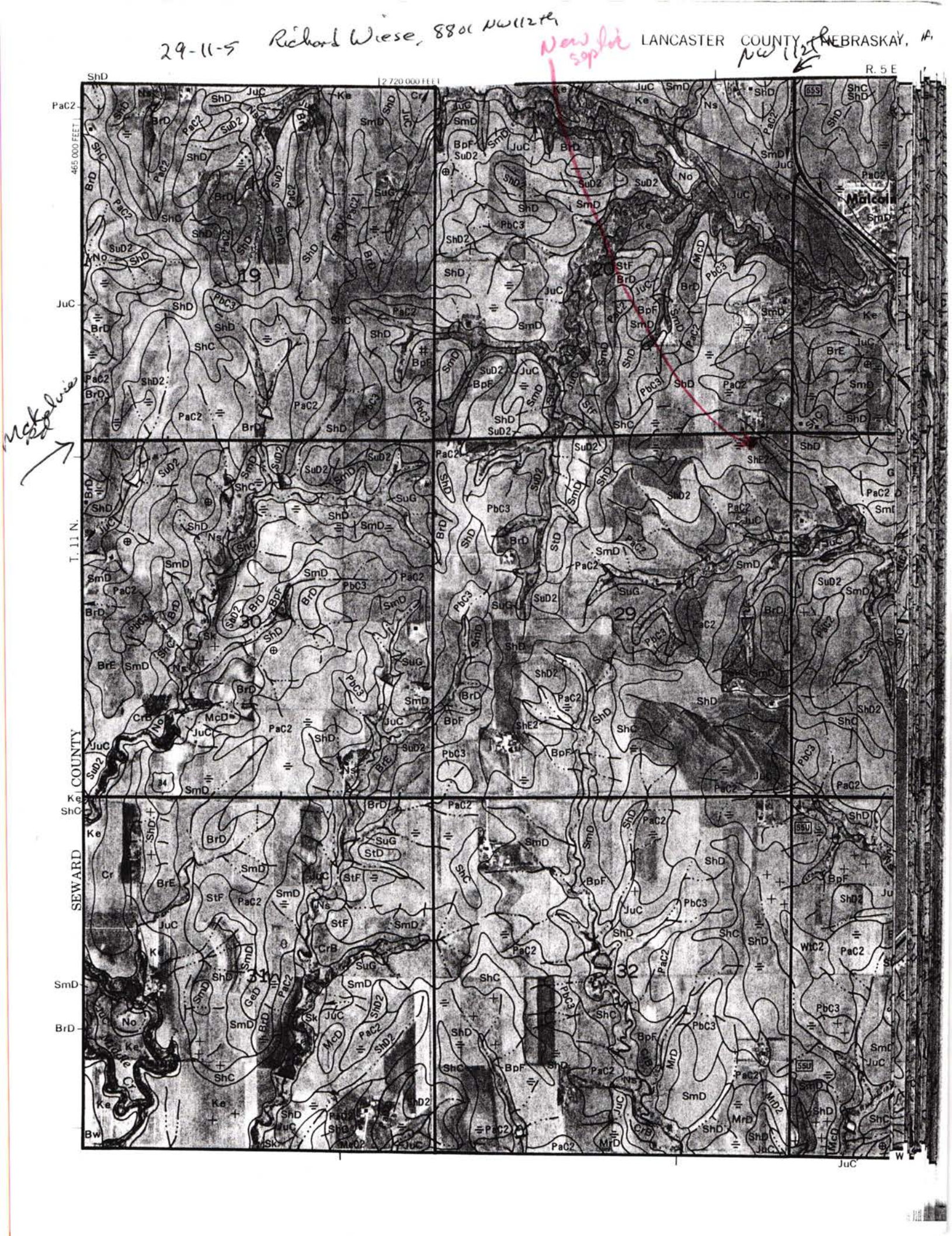
# As Built Drawing




Approximate Scale: _____ft. = _____ grid line/s


McKelvie Road ROW 30'
Above Ground Power Line
25.4 Net ACCS Acres
Buried Power Line
NW 112th St Road ROW 40'
SHD
SHD2
PAC2
Power Underground
6%
12%
5%
7%
4%
WELL
Septic
20'x20'
Buried Phone Line (East Side of NW 112th)
1 Div. = 30 feet.
Approx 1050 X 1050 Square


your copy
79.2
HEL/NW
3809
T8768
6.5
3
33.0
4
18.0
2
2.2
3810
T8769
1.3
5546
5548
T10676 CRP
5547
T10695
CRP
25.4
-3.1
22.3
22.4
-1.7
20.7
22.4
-.8
21.6
4
23.6
3
35.3
CRP
9.6
-2.4
7.2
1
7.2
2
3.3
3
9.4
942
MT3808
T3807
4
25.8
5
5.8
2
5.9
SEE A7
NW 112th ST


29-11-5 Richard Wiese, 8801 NW 112th
LANCASTER COUNTY, NEBRASKA
R. 5 E
T. 11 N.
SEWARD COUNTY
2 720 000 FEET
465 000 FEET
Malcolm
19
20
29
30
31
32
McKelvie