# Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380213201

Issued 01/04/00
Expires 07/04/00
Revenue Code 3157

FEES: $150.00

Establishment

MCKEE CONSTRUCTION INC
T9N R5E SEC 2
RIDGE PARK-2ND ADDN BLK 2 LOT 4
3001 PHEASANT RIDGE RD

TOTAL: $150.00

Permitee

MCKEE CONSTRUCTION INC
221 GREGORY ST
LINCOLN NE 68521

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

011578

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

**A**

Permit Number: 00380232

# 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 3001 Pheasant Ridge Road (no rural route) City Lincoln NE, Zip

Legal Description — 1/4 | 1/4 | Section: 2 | Township: 9N | Range: 5E | Subdivision: Ridge Park | Addition: 3rd | Block: 4 | Lot: 2

Geographical Location (if known): Longitude Latitude

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

### B. Owner

Name McKee Construction, Inc. Signature Joseph F McKee

Address 221 Gregory St. City/State/Zip Lincoln, NE. 68521

☐ Check if owner designed system Home Phone 475-4100 Work Phone 560-4569

### C. Contractor

Name McKee Construction, Inc. Company Name Joseph F McKee

Address 221 Gregory St City/State/Zip Lincoln, NE. 68521

☐ Check if contractor designed system Work Phone 560-4569

### 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 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 1/4/00 Date frwd 1/4/00 — ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 1-4-00 Date frwd — ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 1/4/00 Date frwd 1/4/00 — ACTION ☒ Approved ☐ Disapproved Signature Chas Baker

3/22/00 C.N. Need drawing
3/24/00 C.N.

### Installation Final Written Approval

By Jerrold C. Hood

Date MARCH 28, 2000

***Business Office Use Only***

Date Rec'd 01/04/00
Amt Paid 150.00
Rec'd By — Cash/Check No. 4159

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

Also Well

Lot 2 Blk 4 Ridge Park 1st

B

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

Permit Number: 00 3802132

RECEIVED
AUG 20 1999

Lot 2 Blk 4

# Sewage Disposal System
## Soil Absorption Test Data Report
## Annex to Application

PLEASE PRINT OR TYPE

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

Address 3001 PLEASANT RIDGE ROAD (no rural route) City LINCOLN NE, Zip _____

Owner McKee CONST- Addresss _____

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

Date of Tests 8-16 to 8-17-99 Weather: Precipitation — Temperature 75°

## 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 | 8-16 | 2:30 | 8-17 | 2:45 | 8-17 | 10:45 | 11 1/2 | 8-17 | 11:15 | 30 | 3/4 | 40 MIN/IN |
| 2 | | | | | | | | 13 1/2 | | | | 1/2 | 60 MIN/IN |
| 3 | | | | | | | | 12 1/4 | | | | 3/4 | 40 MIN/IN |
| 4 | | | | | | | | 11 3/4 | | | | 1/2 | 60 MIN/IN |
| 5 | | | | | | | | 10 | | | | 1/2 | 60 MIN/IN |
| 6 | | | | | | | | 10 3/4 | | | | 1/8 | |
| 7 | | | | | | | | 10 | | | | 2 | 15 MIN/IN |
| 8 | | | | | | | | 13 1/2 | | | | 1 3/4 | 17 MIN/IN |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Sum of Percolation Rates: _____
Average of Rates: _____
Rate Used for Calculation: 60

**Person Conducting Percolation Tests**

Name: Danny Sobieszek
Phone: 489-7294
Address 8200 old Cheney Rd.

DO NOT WRITE BELOW THIS LINE

**Reviewing Action**

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

Lot 2 Blk 4 Ridge Park 1st

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

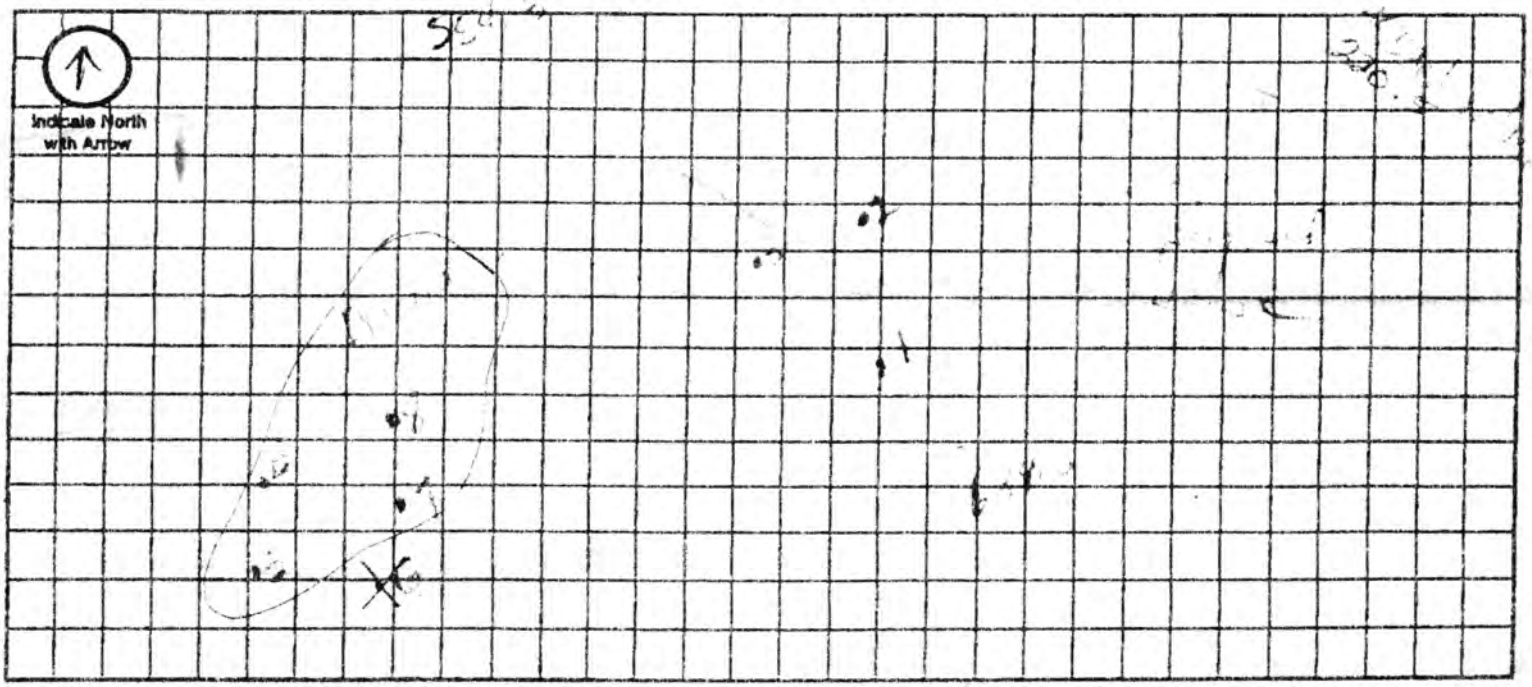
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AUG 20 1999

C

Permit Number:
00380232

# 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) _____ 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: _____ Land Slope: 2 %

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

Total Square Feet of Field Required: 990 sq. ft.

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

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 247 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 Joseph E. McCue Date 1-4-2000

Installer Larry Schwarck Date 8-12-99

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

MAR 2 8 2000

D

Permit Number:

Lot 2 Blk 4
Ridge Park 1st Add.

# Sewage Disposal System
## As Built Plans & Specifications

Date 3-22-99

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

Address 3001 Pheasant Ridge Rd. (no rural route) City _____ NE, Zip _____

## A. Building Sewer

1. Material: precast class 160.
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 210' ft.
4. Number of clean-outs: 3
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: 6 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: _____
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 203' + 215' ft.

## D. Absorption Field

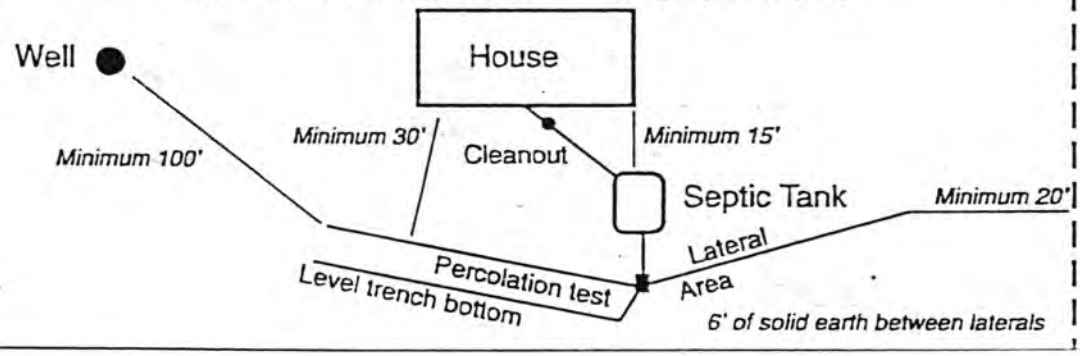
*(Provide as-built drawings on back of this form)*

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 16 Infiltrator
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other Infiltrator
   300 total
2. Lateral lines: Number 4
   Length of each line: 90 ft. 75 ft.
   75 ft. 60 ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 2 in/100 ft.
   Average depth 32 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

# Lincoln-Lancaster County Health Department

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

Permit

WATER WELL
NEW WATER WELL CONSTRUCTION

Establishment

MCKEE CONSTRUCTION INC
T9N R5E SEC 2
RIDGE PARK-2ND ADDN BLK 2 LOT 4
3001 PHEASANT RIDGE RD

Permitee

MCKEE CONSTRUCTION INC
221 GREGORY ST
LINCOLN NE 68521

Permit # 00400087101

Issued 01/04/00
Expires 07/04/00
Revenue Code 3162

FEES: $75.00

TOTAL: $75.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

011577

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

Permit No. _____

# Request for Site Clearance and Permit for Individual Water Well

The undersigned hereby requests:

- ☒ Site Clearance and Permit to construct a new individual water well - $75.00
- ☐ Annual Permit for an existing well - $50.00
- ☐ Permit to repair or alter existing well involving opening of well - $25.00

1. Well Site Address 3001 Pheasant Ridge Road City Lincoln, NE Zip _____
   (No Rural Route Please)
   Legal description of property:
   Twp 9N; Range 53; Section 2; Block 4; Lot 2; Addition Ridge Park 1st Add.
2. Well use: ☒ Residential; ☐ Commercial; ☐ Other; Describe: _____
3. Distance to Public Water Supply _____ feet.

Signature of Owner McKee Construction
Joseph E. McKee
Print Name Joseph E. McKee
Current Address 221 Gregory St.
Lincoln, NE 68521
Current Home Phone 475-4100
Work Phone 560-4569

Signature of Contractor Joseph E. McKee
Print Name Joseph E. McKee
Address 221 Gregory St.
Lincoln, NE 68521
Home Phone 475-4100
Work Phone 475-4100
Cellular Phone 560-4569

Sewage Permit Applied for: ☒ Yes ☐ No ☐ Not applicable

**Please Submit Permit Fee with This Request**

P15456-31

**Please Do Not Write Below This Line**

Approval Process: Lincoln Municipal Code 8.44

| | | | | |
|---|---|---|---|---|
| 1. Health Department | Date received 1/4/00<br>Date forwarded 1/4/00 | ACTION ☒ Approved ☐ Disapproved<br>Signature: Gerald C. Neef |
| 2. Building & Safety | Date received 1/4/00<br>Date forwarded ___/___/___ | ACTION ☒ Approved ☐ Disapproved<br>Signature: |
| 3. City Engineer | Date received 1/4/00<br>Date forwarded 1/4/00 | ACTION ☒ Approved ☐ Disapproved<br>Signature: |

**REMARKS OR REASONS FOR DISAPPROVAL:** _____

**Site Visits:**
Date: 05/10/00 By D.S
Date: ___/___/___ By _____
Date: ___/___/___ By _____

**Installation Final Written Approval**
By: Doug Mrsny
Date: 05/12/00

**Distribution:**
White - Health Dept. Lt. Green - Engineer Lt. Blue - Bldg Inspector

Nitrate Level 1.7 mg/L
Chloride Level _____ mg/L
Bacteriological Analysis Satisfactory
Yes X No ____
Other _____

***Business Office Use Only***
Date Rec'd: 01/04/00
Amt Paid: $ 75
Rec'd By ____ ~~Cash~~/Check No. 4159

Also Sewage

FEB 1 2000

FORM: 20223-0483
REQUEST FOR SITE CLEARANCE AND PREMIT
FOR INDIVIDUAL WATER WELL
CITY ORDINANCE NO. 13558
FILE NO. _____

**LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT**

3140 "N" STREET LINCOLN, NE 68510-1514

DATA SHEET FOR WATER WELL

Legal Description: Sec. 2 T. 9 R. 5 Block ____ Lot ____ Addition RIDGE PARK 3001 PHEASANT RIDGE RD

Owner JO MC KEE CONSTRUCTION Address 2221 GREGORY ST., LINCOLN, NE 68521

| LOG OF WELL | |
|---|---|
| Depth Ft to: | Description |
| 0- 65 | YEL CLAY |
| 65-125 | BLUE CLAY |
| 125-158 | SILTY BLUE CLAY |
| 158-170 | FINE GRAY SAND |
| 170-250 | SANDY RED & GRAY SHALE |
| 250-270 | VERY FINE WHITE SS |
| 270-275 | MED FINE WHITE SS |
| 275-285 | CRS LIGHT BRN SS |
| 285-290 | MED CRS WHITE SS |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

WELL COMPLETION RECORD

Drilling Method: ROTO/WATER

Depth ( from ground level ). Ft. 282'

Date Completed 1/6/00

Casing: Length, Ft. 272' :Dia. In. 4"

Wall Thickness, Inc. .214" :Type PVC

Screen: Length, Ft. 10' Dia. In. 4"

Type PVC WOP , Slot Size .020

Drop Pipe: Length, Ft. 140' Dia. In. 1 1/4"

Water Level, Surface to top of water, Ft.:

Static 97' , Pumping 105' EST

Yield: 20 gpm, Measured XX . Est. ____

Chlorination Completed Yes XX No ____

The above informatioin including "Log of Well" is a true record of the job performed by me.

Driller _____ (Signed)

Address: P.O. BOX 308 HICKMAN, NE 68372

Date: 31 JANUARY 2000

Remarks _____

DO NOT WRITE BELOW THIS DOUBLE LIN

Health Department forwarded copy of record to Nebraska Conservatioin and Survey Department for Scientific Record _____

# Moser Well Drilling and Service Inc.

Marvin Moser
Hickman, NE

Bill Moser
Roca, NE

Allen Moser
Hickman, NE

Chris Thornton
Hickman, NE

Hickman, Nebraska 68372
Phone: (402) 792-2515
Lincoln: 477-7291

Pumps & Well Supplies - Trenching - Drilling

Date: 1/6/00 Well #: 1-00 Driller: Bill

Owner/Builder: Joe Mc Kee Construction, 2221 Gregory St., Lincoln, Ne 68521 Phone# H-475-8101

Location: 3001 Pheasant Ridge Road in Ridge Park which is about S.W. 72nd & W. Van Dorn

0- 65 Yellow clay
65-125 Blue clay
125-158 Silty blue clay
158-170 fine gray sand (chattered)
170-250 Sandy red and gray shale
250-270 Very fine white sandstone
270-275 Medium fine white sandstone
275-285 Coarse light brown sandstone
285-290 Medium coarse white sandstone

Depth: 282' Elevation:

**Casing Information**

Type: pvc Thickness: 200#
Length: 272' Diameter: 4"
Bore Size: 8.5" SWL: 97'
PWL: GPM: 100 w/air

Filler Pack: 30-265'
Grout: 6-30'

**Screen**

Length: 10' Diameter: 4"
Type: pvc wop Slot: .020
Area of:
Screen(s):272-282'
Pack: 265-283'
Type of Pack: "B"

**Chemical Analysis**

Total Chlorides: 100
Hardness:
Nitrates: 0.7 ppm
Bacteria:
Iron:

STATE & CTY SENT 1/31/00

**Lancaster/Denton**

T.N. 9 R.E. 5 SEC. 2

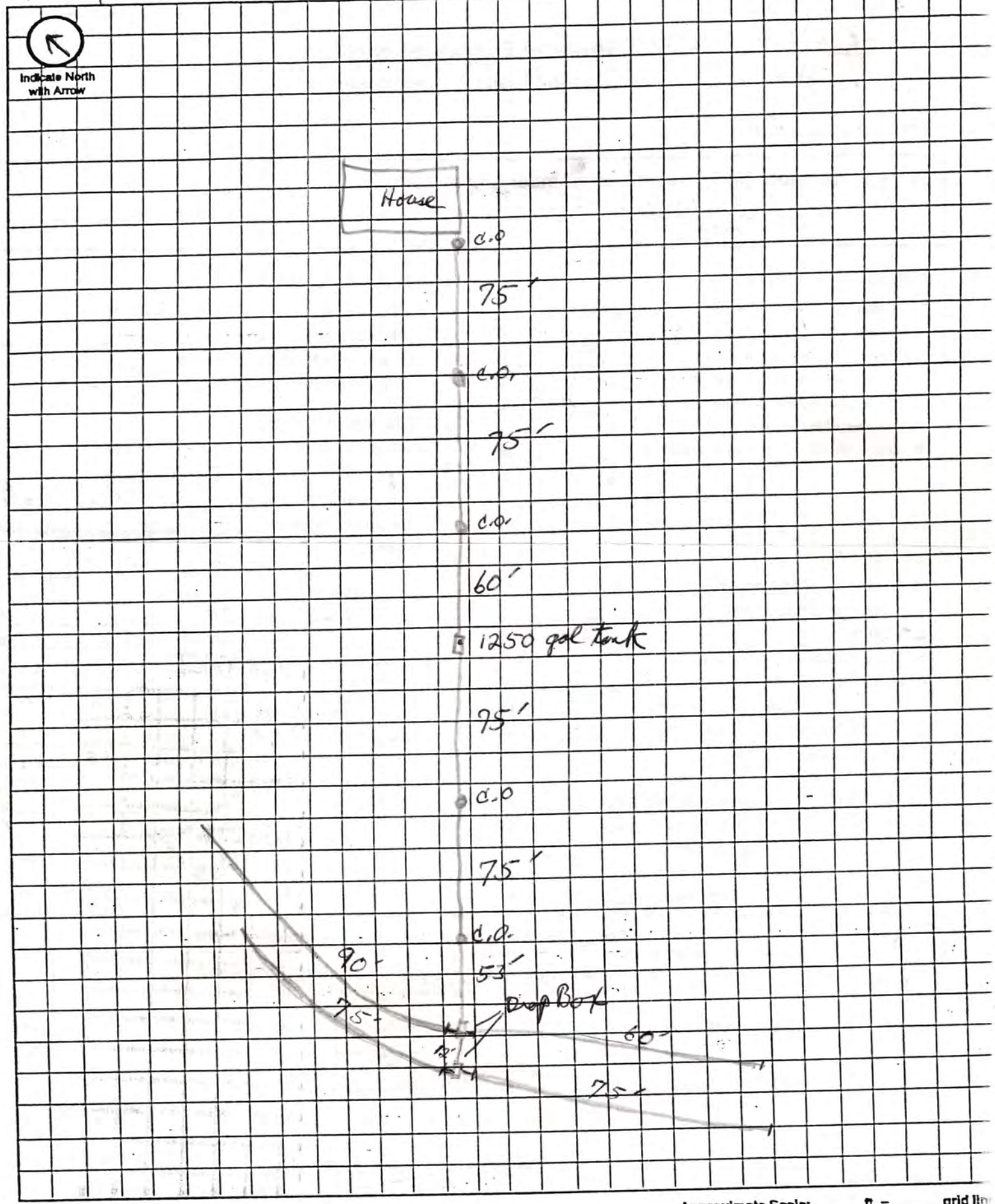
REG# G-105430 5/5/00

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# As Built Drawing

Lot 2 Blk 4

by Larry Schwark




Approximate Scale: _____ ft. = _____ grid lin