HS001284

Application to Alter or Repair an Onsite Wastewater Treatment System

The applicant is applying for a permit to: ☒ **ALTER** ☐ **REPAIR** an existing Onsite Wastewater Treatment System, and agrees to comply with LMC 24.38 or County Resolution 02-0030.

1. **Street Address (No Rural Route):** 6930 SW 37th South Fork

Legal Description of Property: Township:____ Range:____ Section:____

Block 4 Lot 6 SubDivsion South Fork Add:____

***Parcel ID** 09-17-304-006-000 (i.e. 99-99-999-999-999)

2. **Property use:** ☒ Residential ☐ Commercial ☐ Other use (Describe: ____)
Number of bedrooms 4 Does the system have a: ☐ Garbage Grinder (No) ☐ Large Capacity Tub (No)

3. **Type of Present Individual Disposal System** ☒ septic system ☐ lagoon ☐ other

4. **Description of proposed alteration or repair:**
Add 148' Infiltrator Quick 4 Plus

5. **Current Type of Lateral-** Infiltrator **Current Linear Ft. Of Lateral -** 262'

Current Tank Gallonage- 1250

6. Print Name Kevin Lewis Address 4810 W Claire Av Phone: 402 310 9160

Applicant Signature: ____

Please contact LLCHD for the current permit fee for this application
Fee must be included before the application will be processed. Incomplete information will delay processing.

HEALTH DEPARTMENT USE ONLY

☐ Municipal Code 24.38 ☐ County Resolution Number 02-30

Date received __/__/__ REVIEW: ☐ Approved ☐ Disapproved By:____

Comments (if any):____

Site visits
Date 06/15/16 By DS
Date __/__/__ By____

Installation final written approval
Date 06/16/16 By Doug Ann

Return application to:
Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 "N" Street, Lincoln, NE 68510
Phone: (402) 441-8643

Business Office Use Only
Received: Date: 6/16/16 Amount $210.00 Check No. 8246 Initials SB

Revised 4/8/13

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Exhibit 5

Permit Number: HS001284

Onsite Wastewater Treatment System

Inspection Sheet

Date 6/16/15 Legal Description South Fork – Blk 4 Lot 6

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 6930 SW 37th City _____

Owner _____ Address _____

Mark One: ☒ Dwelling ☐ Non-dwelling

☐ New System ☒ Alteration [☒ ~~Repair~~ Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

Drainfield Absorption System: Alteration / Repair Added 148' of lateral

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 1,486 Sq. Ft. Tank Size 1,250 gals

Total length of laterals 410' Type of Distribution: ☒ Chamber ☐ Perforated Pipe ☐ Other (describe)_____

No. of Absorption Laterals 3 Width 3.625 factor No. of Drop Boxes _____ Distribution Box 2

Leveling Method Used _____

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☐	10 ☑	5 ☐
Field (ft)	100 ☐	500 ☑	50 ☑	4 ☑	25 ☑	5 ☐

Geographical Coordinates to 6 Decimals:

Tank _____

Lateral #1 N/A Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Inspections prior to Final Approval
Initial DS Date 6/15/16

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By Joey Amen

Date 6/16/15

Field Note Drawing (See Reverse Side):

6930 SW 37th

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

B

Permit Number: HS001284

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 6930 SW 37th Str. Rural (no rural route) City Denton/Lincoln NE, Zip 68523

Owner Roger W. Smid Addresss 7021 Helen Witt Dr #902 Lincoln, NE 68512

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

Date of Tests 2-17-97 to 2-18-97 Weather: Precipitation 0 Temperature Fair

N

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)
7	28-32"	2-17	9:00	2-18	9:30	2-18	10:00	6	2-18	10:30	30	3/4	40
8	28-32"	"	"	"	"	"	"	"	"	"	"	5/8	48
9	28-32"	"	"	"	"	"	"	"	"	"	"	1/2	60
10	"	"	"	"	"	"	"	"	"	"	"	5/8	48
11	"	"	"	"	"	"	"	"	"	"	"	3/4	40
12	"	"	"	"	"	"	"	"	"	"	"	3/4	40

Person Conducting Percolation Tests

Name: Melvin Gragner

Phone: 432-5698 / 797-2365

Address West Claire Avenue 4810
Lincoln, NE 68523

Sum of Percolation Rates: 7

Average of Rates: 46

Rate Used for Calculation: 46

DO NOT WRITE BELOW THIS LINE

Reviewing Action

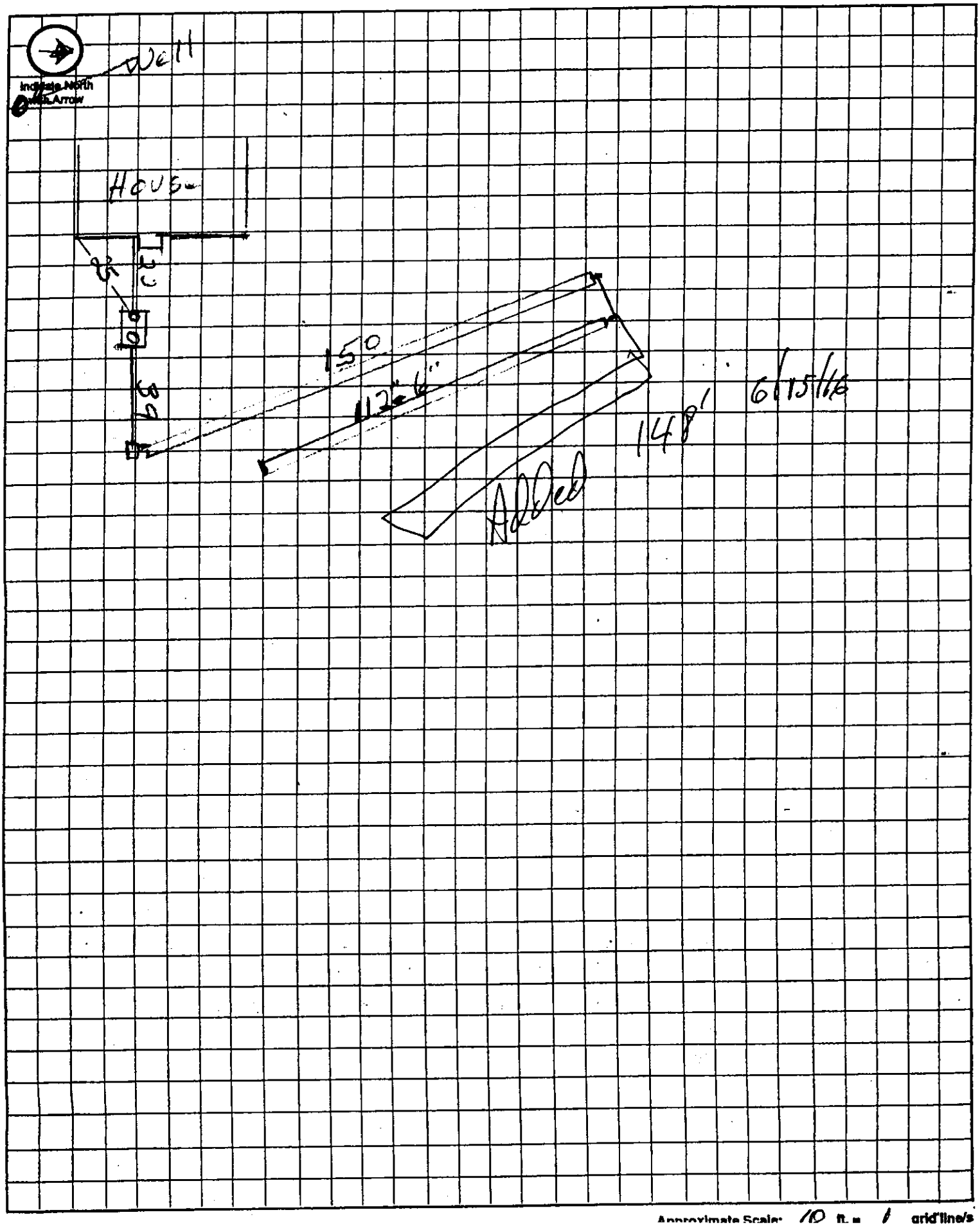
Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

As Built Drawing

6930 SW 37th



Approximate Scale: 10 ft. = 1 grid line/s

6930 SW 37th

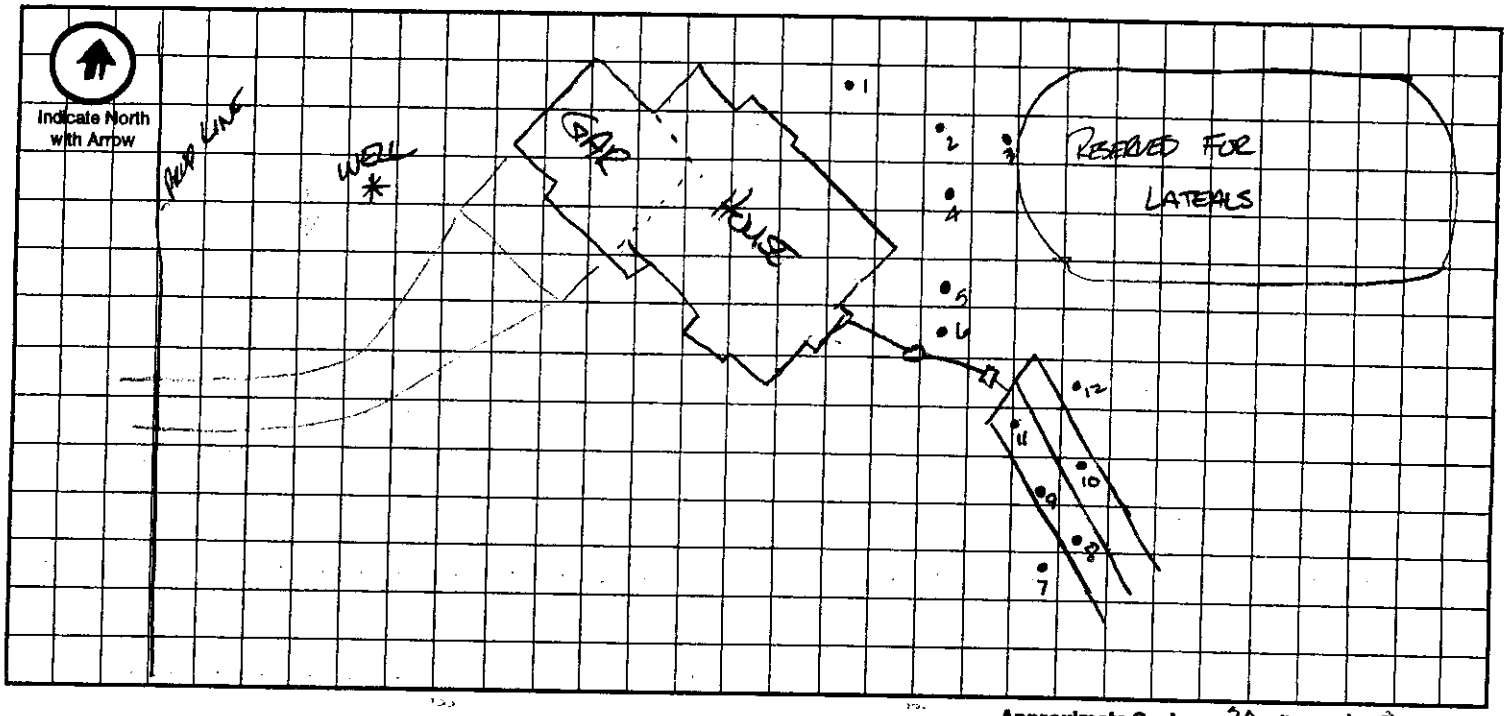
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: HS001284

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. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 6930 SW 37th Street City Lincoln/Denton NE, Zip 68523

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other _____

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

Percolation Rate 46 (min. per inch) Soil Type: _____ Land Slope: _____ %

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: _____

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

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

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 Paul Mentzer Date _____

Installer Melvin F Gagner Date 17 Dec 02

FORM 23-102 10-96

SCANNED

HS001284

OK JR 6/21/16

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1. **Street Address (No Rural Route):** 6930 SW 37th Denton 68523

   Legal Description of Property: Township: 9 Range: 6 Section: 17 South Fork

   Block 4 Lot 6 SubDivsion South Fork Add: _____

   ***Parcel ID** 09-17-304-006-000 (i.e. 99-99-999-999-999)

2. **Property use:** ☒ Residential ☐ Commercial ☐ Other use (Describe: _____)

   Number of bedrooms 4 Does the system have a: ☐ Garbage Grinder No ☐Large Capacity Tub No

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4. **Description of proposed alteration or repair:** Add 148' Infiltrator Quick 4 Plus

5. **Current Type of Lateral-** Infiltrator **Current Linear Ft. Of Lateral -** 262'

   Current Tank Gallonage- 1250

6. Print Name Kevin Lewis Address 4810 W Claire Ave Phone: 402 310 9160

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HEALTH DEPARTMENT USE ONLY

☒Municipal Code 24.38 ☐County Resolution Number 02-30

Date received 6/20/16 REVIEW: ☒ Approved ☐ Disapproved By: _____

Comments (if any): _____

Site visits

Date 06/15/16 By DS

Date ___/___/___ By _____

Installation final written approval

Date 06/16/16 By _____

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Received: Date: 6/16/16 Amount $210.00 Check No. 8246 Initials SB

Revised 4/8/13

Mel - 402-797-7475

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 6/1/03

System Location (Indicate correct number and street)
Address 6930 SW 37th (no rural route) City DENTON NE, Zip 68339

A. Building Sewer
1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: NA in.
   or distance below basement floor: ____ in.
3. Distance between dwelling and septic tank: 1 ft.
4. Number of clean-outs: 0
5. Distances to: well or suction line OVER 100 ft.
   stream NA ft.
   pressure line ____ ft.
   property line ____ 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 12 in.
   Riser: ☒ above ☐ below grade 0 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 30 in.
8. Distances to: Well or suction line OVER 100 ft.
   Stream NA ft.
   Pressure line OVER 30 ft.
   Property line OVER 30 ft.

C. Distribution Box
1. Material: PLASTIC
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 39 ft.

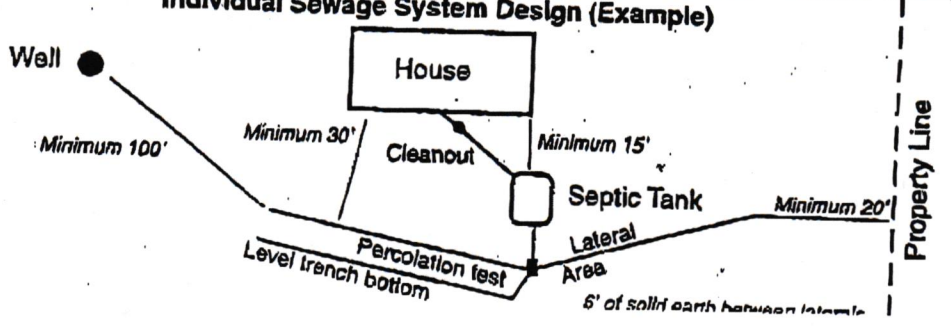
D. Absorption Field
(Provide as-built drawings on back of this form)
1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: ____
   or perforated pipe: ____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other INFILTRATOR
2. Lateral lines: Number ____
   Length of each line: 150 ft. 112 ft.
   ____ ft. 150 ft., ____ ft.
3. Trench dimensions: Width 36 ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: NA
   Depth of material NA in.
5. Distances to: Well or suction line OVER 100 ft.
   Stream NA ft.
   Pressure line OVER 30 ft.
   Property line OVER 20 ft.

New 2016

Indicate North with Arrow

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

Individual Sewage System Design (Example)

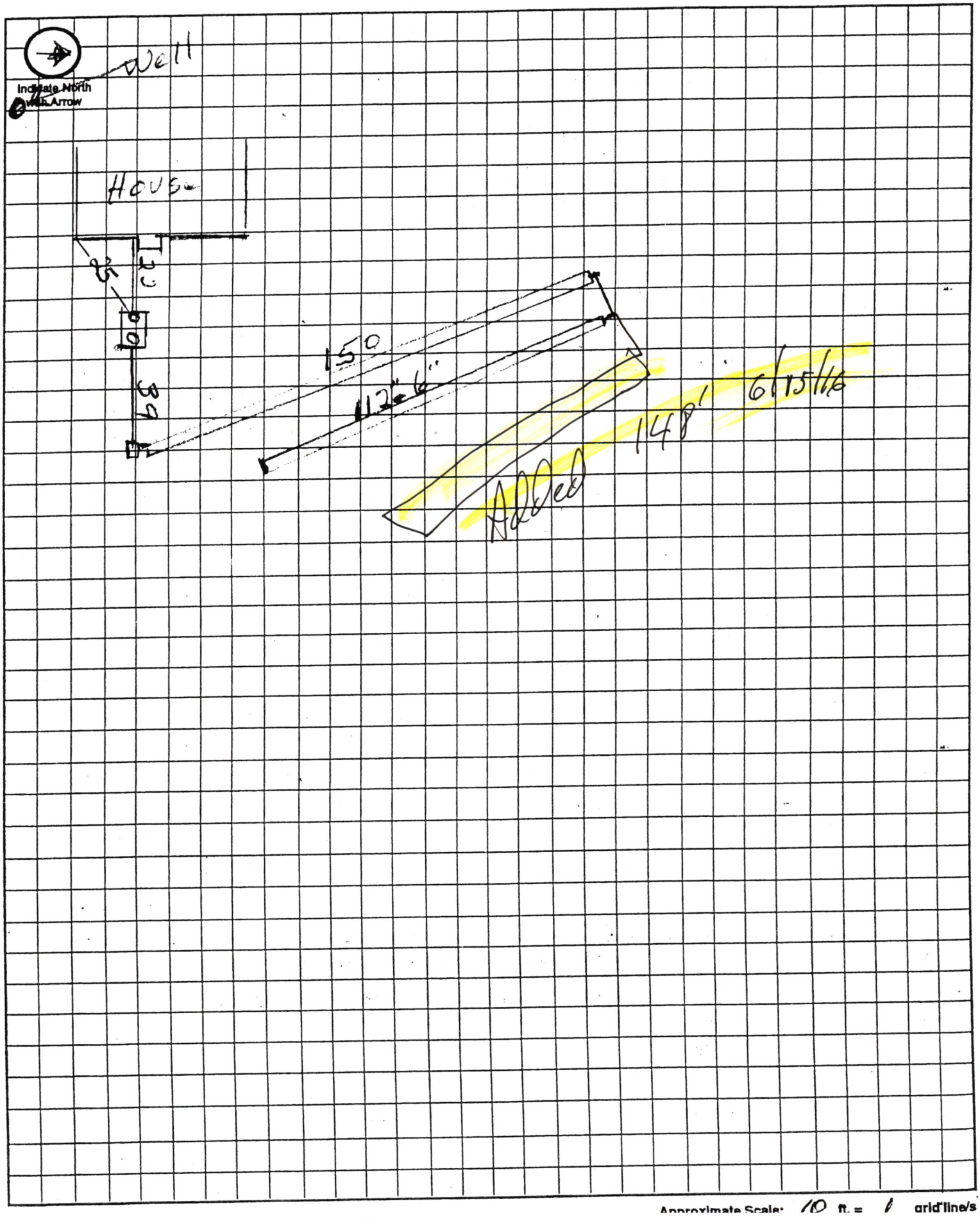


RM 23-103 10-96

SCANNED

As Built Drawing

6930 SW 37th



Approximate Scale: 10 ft. = 1 grid line/s

As Built Drawing

6930 SW 37th

