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

A

Permit Number HS001101

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 11179 W Hwy 34 (no rural route) City Malcolm NE Zip 68402

Legal Description NW 33 11N 5E 20
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 05-33-100-006-000

B. Owner

Name Meysenberg Properties LLC, Shannon Meysenberg Signature Shannon Meysenberg

Address 2555 Kensington Dr City/State/Zip Lincoln, NE 68521

Home Phone 402-314-6159 Work Phone

C. Certified Installer

Name: Lloyd Jakoubek, Raymond Contracting Inc Signature Kevin Patterson for Lloyd

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-6009 or 402-783-2663

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 3 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 5.24
Garbage Grinder? ☐ 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. 02-30

1. Health Department
Site visits
Comments
Date rec'd
Date fwd
ACTION ☐ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd
Date fwd
ACTION ☐ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd
Date fwd
ACTION ☐ Approved ☐ Disapproved
Signature

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 7-23-15 Amount Paid $375.00
Received By SVB Cash/Check No. VISA

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated 1/13

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

B

Permit Number: HS001101

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 11179 W Hwy 34 (no rural route) City Malcolm NE, Zip 68402

Owner Shannon Meysenburg Address 2555 Kensington Dr, Lincoln, NE 68521

Date of Tests 7/8/15 to 7/9/15 Weather: Precipitation 0 Temperature 80°

Percolation Test Data Table

A.	B.	C.	D.	E.	F.	G.	H.	Water Level Drop I.	J.	K.	L.	M.	N.
		Saturation/Swelling Time				Last 30 mins of 4 hr or last 10 mins of 1 hr					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)	Initial Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	23	7/8	11:30a	7/8	3:30p	7/9	2:45p	6	7/9	3:15p	30	9/16	53
2	27	"	"	"	"	"	"	6	"	"	"	1/2	60
3		"	"	"	"	"	"	6	"	"	"	2-5/16	13
								6					
								6					
								6					
								6					
								6					

Person Conducting Percolation Test

Name: Terri L Jakoubek, Raymond Contracting, Inc.
Phone: 402-783-2663 or 402-890-6009
Address 13800 NW 70th St
Raymond, NE 68428 Cert #1198

Sum of Percolation Rates: 126
Average of Rates: 42
Rate Used for Calculation: 60 (20 mpi variance)

Soil type (NRCS Maps/Other) Aksarben Silty Clay Loam
Groundwater Depth >6.7'

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Comments (Soil type, groundwater, floodplain, etc.)

Signature of Reviewing Official Date

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

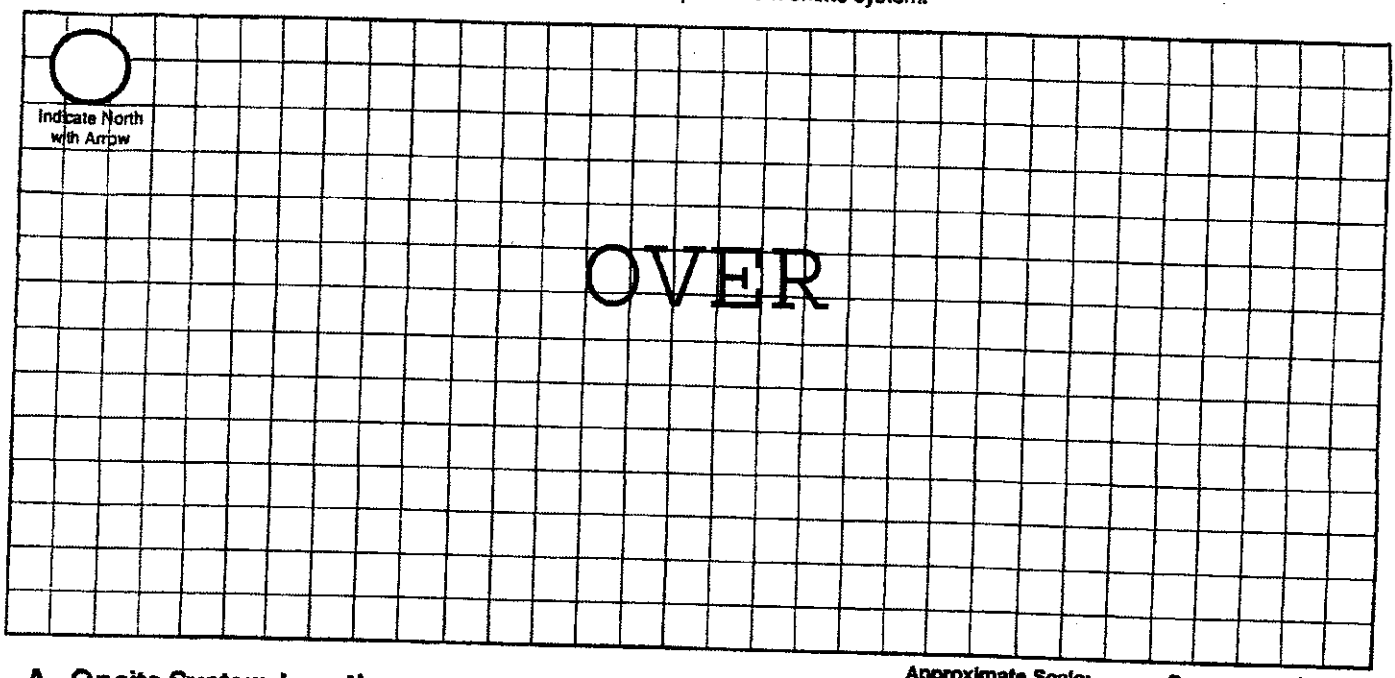
C

Permit Number: HS001101

Onsite Wastewater Treatment System

Preliminary Plan Specifications

Draw a plot plan showing onsite system sewer lines, drop of distribution boxes, tank, drainfields, percolation test holes, well, residence, direction of groundwater flow, property lines, and reserve area for replacement onsite system.



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

A. Onsite System Location

Address (no rural route) 11179 W Hwy 34 City Malcolm NE, Zip 68402

B. Proposed Septic Tank/s

Septic Tank Cap. 1,000 gals Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon(Max. seepage 1/8" per day)

C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☒ Lagoon

D. Drainfield Absorption System

Percolation Rate 60 (min/inch = mpi) No. of Bedrooms 3 Soil Type Aksarben Silty Clay Loam Land Slope 6-11 %

☒ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield 1,060 sq.ft.

Total length of laterals 265" Type of distribution: ☐ Perforated pipe ☐ Half-Round ☒ Chamber ☐ Other

No. of absorption trenches 3 Width 40" No. of drop boxes _____ Distrubtion Box 1

No. of absorption beds _____ Width _____ No of Distribution lines per bed _____

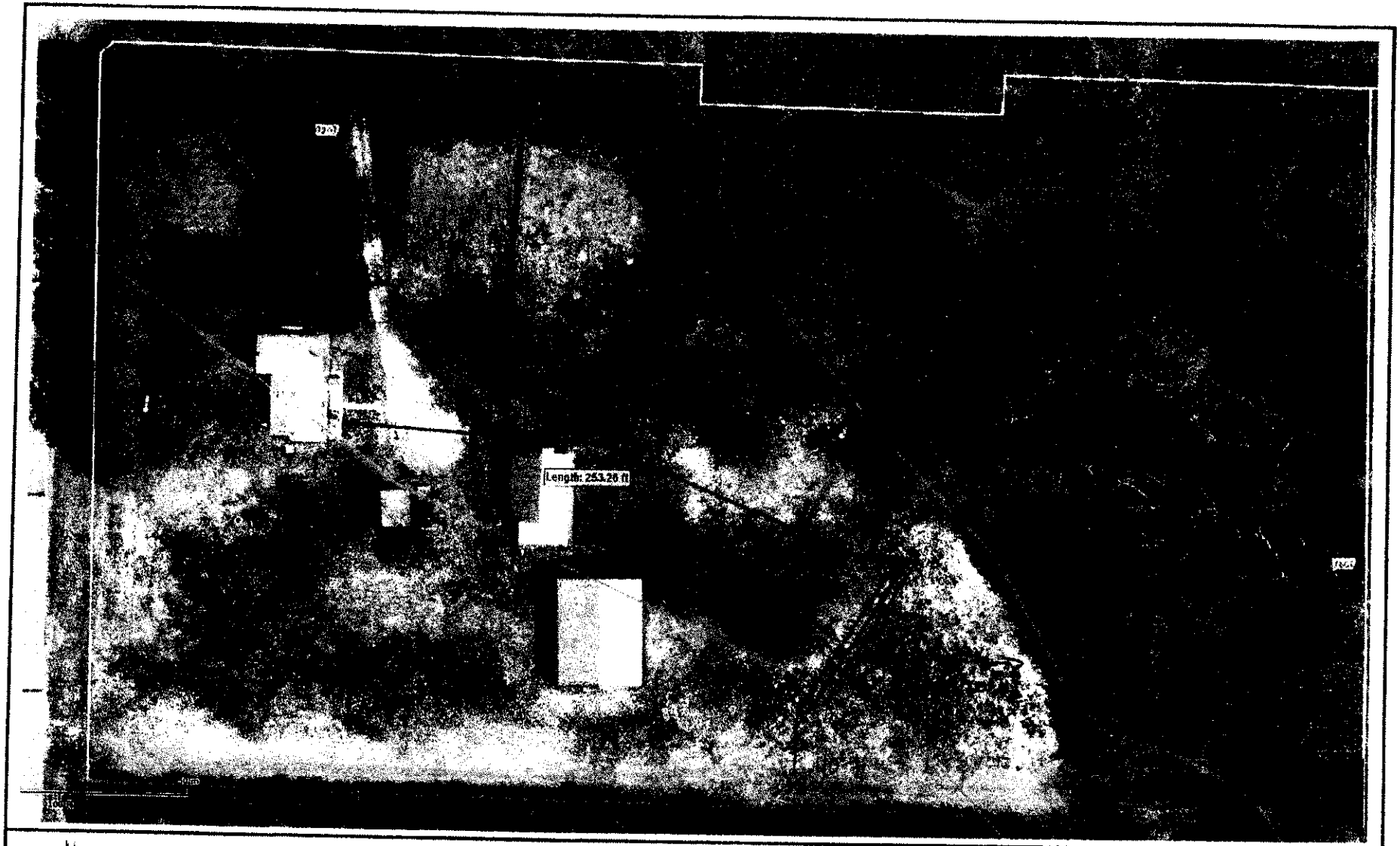
E. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

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 ☐	☐

F. Required Signatures

Home Building Contractor Existing House Date _____

Installer [signature] Date 7/22/15



N
W E
S

Lancaster County/City of Lincoln GIS Map

Meysenburg Properties LLC 11179 W Hwy 34, Malcolm, NE 68402 Shannon Meysenburg 402-314-6159

Printed: Jul 20, 2015

DISCLAIMER: The information is presented on a best-effort basis, and should not be relied upon for making financial, survey, legal or other commitments. If you have questions or comments regarding the data displayed on this map, please email gis@lincoln.ne.gov and you will be directed to the appropriate department.

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001101

System Type: Standard

Situs: 11179 W HIGHWAY 34, RURAL, NE

Issued: 7/23/2015

Expires: 7/23/2016

Description: S33, T11, R5, 6th Principal Meridian, LOT 20 NW

Owner: MEYSENBURG PROPERTIES LLC
2555 KENSINGTON DR
LINCOLN, NE 68521

Judith A Halstead
Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead
Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING
13800 NW 70TH ST
LINCOLN, NE

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

Exhibit 5

Permit Number: HS002101

Onsite Wastewater Treatment System

Inspection Sheet

Date 7/23/15 Legal Description 11-5-33 Lot 20

¼ ¼ Section/Township/Range

Onsite System Location (also RJ)

Address (no rural route) 11179 W Hwy 34 City _____

Owner _____ Address _____

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

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

_____

Drainfield Absorption System:

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

Total square feet of drainfield 1060 Sq. Ft. Tank Size 1000 gals

Total length of laterals 265 Type of Distribution: ☒ Chamber ☐ Perforated Pipe ☐ Other (describe)_____

No. of Absorption Laterals 2 Width 3' No. of Drop Boxes 0 Distribution Box 1

Leveling Method Used Laser

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 N/O

Lateral #1 N/O Lateral #3 N/O

Lateral #2 N/O Lateral #4 N/O

Comments: see back

Inspections prior to Final Approval
Initial DH Date 7/23/15

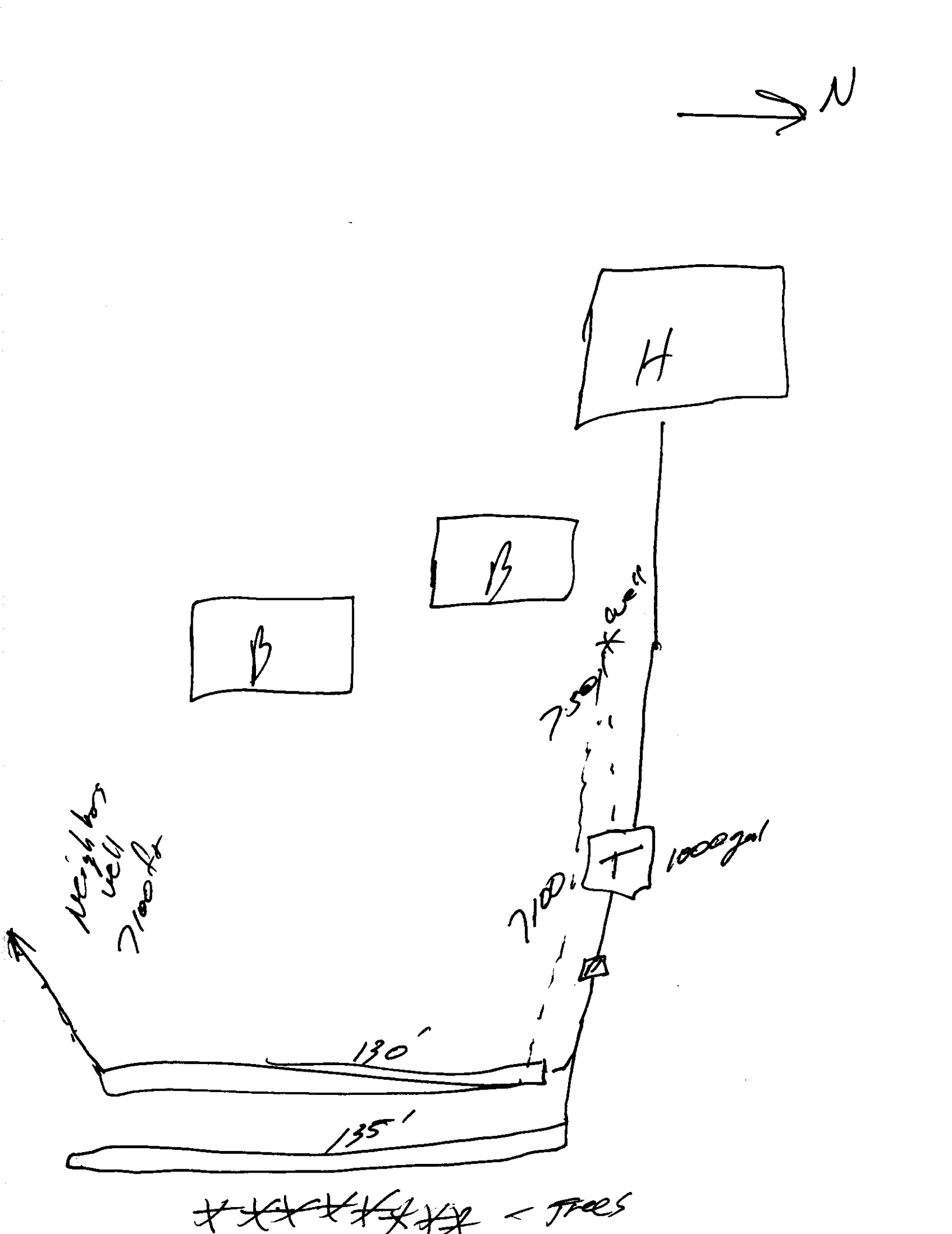
Follow-Up _____ Date _____

Follow-Up _____ Date _____

~~Installation Final Written Approval~~
By _____

Date 7/23/15

Field Note Drawing (See Reverse Side):


N
H
B
B
7-5" ø well
T
1000 gal
7100 ft
Neighbors well 7100 ft
130'
135'
* * * * * * * * = Trees

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

D

Permit Number: HS001101

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date July 23, 2015 Legal Description NW 1/4 NW 1/4 33-11N-5E Lot 20
Section Township Range

Onsite System Location

Address (no rural route) 11129 W Hwy 34 City Malcolm NE, Zip 68402
Owner Meysenburg Properties LLC Address 2553 Kensington Dr Lincoln, NE 68521
Shannon Meysenburg

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: 52 in.
   or distance below basement floor: ____ in.
3. Distance between dwelling and septic tank: 260 ft.
4. Number of clean-outs: 5
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 100+ ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: concrete
   Number of compartments: one
2. Capacity: 1000g. gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade AT in.
5. Inlet: ☐ baffle ☐ tee ☐ 6" dia. inspection pipe
6. Outlet: ☐ baffle ☐ tee ☐ 6" dia. inspection pipe
7. Depth to top of tank, below unfinished grade: 12-12 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. ☑ Distribution Box ☐ Drop Boxes

(≥ 12" inspection opening) (removable lid to inspect)

1. Material: 1-Plastic Dist-Box, 1 PVC Valve
   Number available outlets: 3 per Box, 2 per Valve
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 11' + 13' ft.

D. Drainfield Absorption

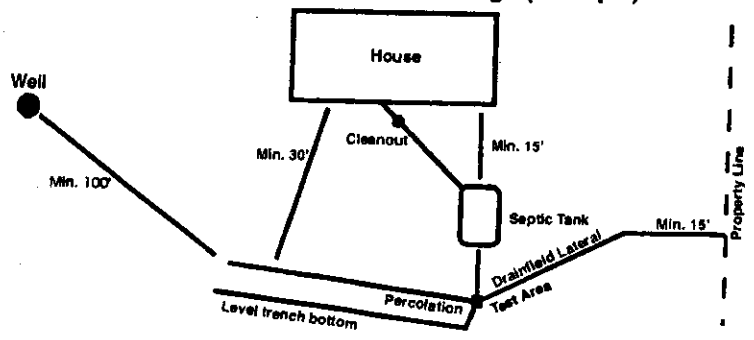
☑ Trench ☐ Bed ☐ Level Bottom

1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: ____
   Number of distribution lines in bed ____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other ____
2. Drainfield Laterals: Number 2
   Length of each line: 130 ft. 135 ft.
   ____ ft. ____ ft., ____ ft.
3. Drainfield dimensions: Width 40 ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 24-32 in
4. Filter material: Soil
   Depth of material 24-32 in.
5. Distances to: Well or suction line 100+ ft.
   Pressure line 100+ ft.
   Property line 50+ ft.
   House or building 100+ ft.
   Lake or Stream 100+ ft.

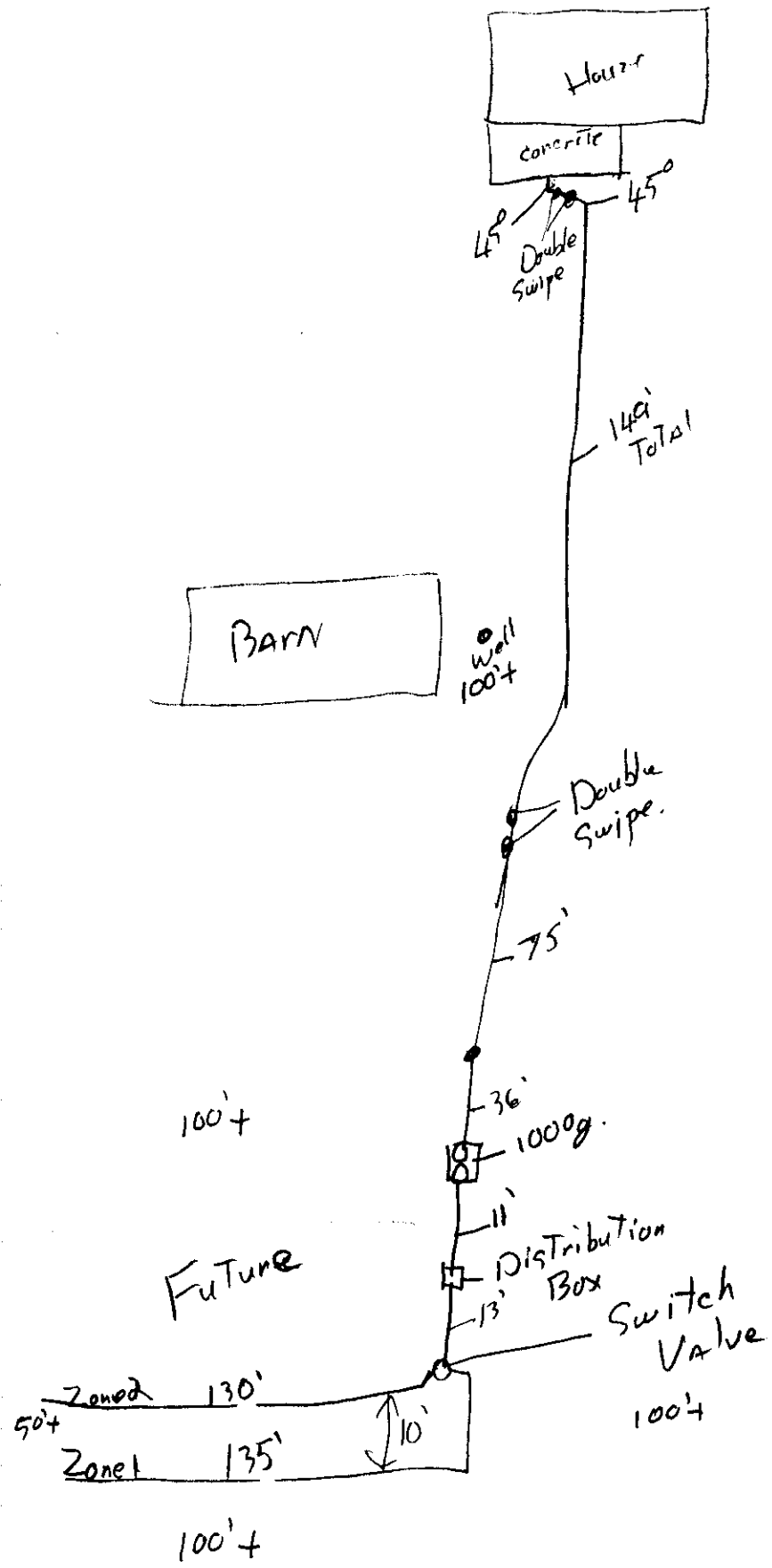
Complete As-Built drawing on the back fo this form.

Onsite Wastewater System Design (Example)

Indicate North with Arrow



3 Bed Room
No Garbage
No Grinder.



2
149
75
36
260 To Tank
11
13
284' Total

7/23/2015

Raymond Contracting, Inc.
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663