LLCHD HS000546

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

SEP 06 2011

A

Permit Number
HS000546

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 5101 Waverly Rd (no rural route) City Lincoln, NE Zip 68514

Legal Description NE 17 11 7 18
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Lat/Long: _____ PID 18-17-200-003-000

B. Owner

Name Anthony Meyers Signature Kim Jakowlek for Anthony Meyers

Address 5101 Waverly Rd City/State/Zip Lincoln, NE 68514

Home Phone 402-440-2951 Work Phone _____

C. Certified Installer

Name: Lloyd Jakowlek, Raymond Contracting Signature Kim Jakowlek for Lloyd

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

Work Phone 402-890-6004 or 402-783-2603

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 4 Is there a Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 4.5

☐ Commercial Establishment/Other Facility Specify _____ Design flow in gallons per day _____

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☑ County Resolution No. 02-30

1. Health Department
Site visits _____
Date rec'd 9/7/11
Date frwd 9/7/11
ACTION ☑ Approved ☐ Disapproved
Signature _____

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

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

Installation Final Written Approval
By _____
Date _____

Business Office Use Only
Date Received 9-7-11 Amount Paid 335.00
Received By BH Cash/Check No. 7718

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

Form A Updated: 5/10

9-9-2011 10:37:47

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
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 5101 W Waverly Rd (no rural route) City Lincoln NE, Zip 68514

Owner Anthony Meyers Addresss Same

Soil Type (SCS): OKSarben silty clay loam Percolation Rate: 60 min./inch

Date of Tests 8/22/11 to 8/23/11 Weather: Precipitation 0 Temperature 94°

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	21	8/22	12:45p	8/22	4:45p	8/23	4:20p	6	8/23	4:30p	30	5/8	48
2	23	"	"	"	"	"	"	"	"	"	"	1/2	60
3	24	"	"	"	"	"	"	"	"	"	"	9/16	54
4	18	"	"	"	"	"	"	"	"	"	"	7/8	34
5	22	"	"	"	"	"	"	"	"	"	"	1/2	60
6	20	"	"	"	"	"	"	"	"	"	"	5/8	48

Person Conducting Percolation Tests

Name: Terri L. Jahnlubek, Raymond Contracting, Inc.

Phone: 402-783-2603 or 402-890-3870

Address 13800 NW 70th St

Raymond, NE 68428 # C1198

Sum of Percolation Rates: 364

Average of Rates: 51

Rate Used for Calculation: 60 (20 min. variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96
9-9-2011 10:37:48

LLCHD HS000546

C

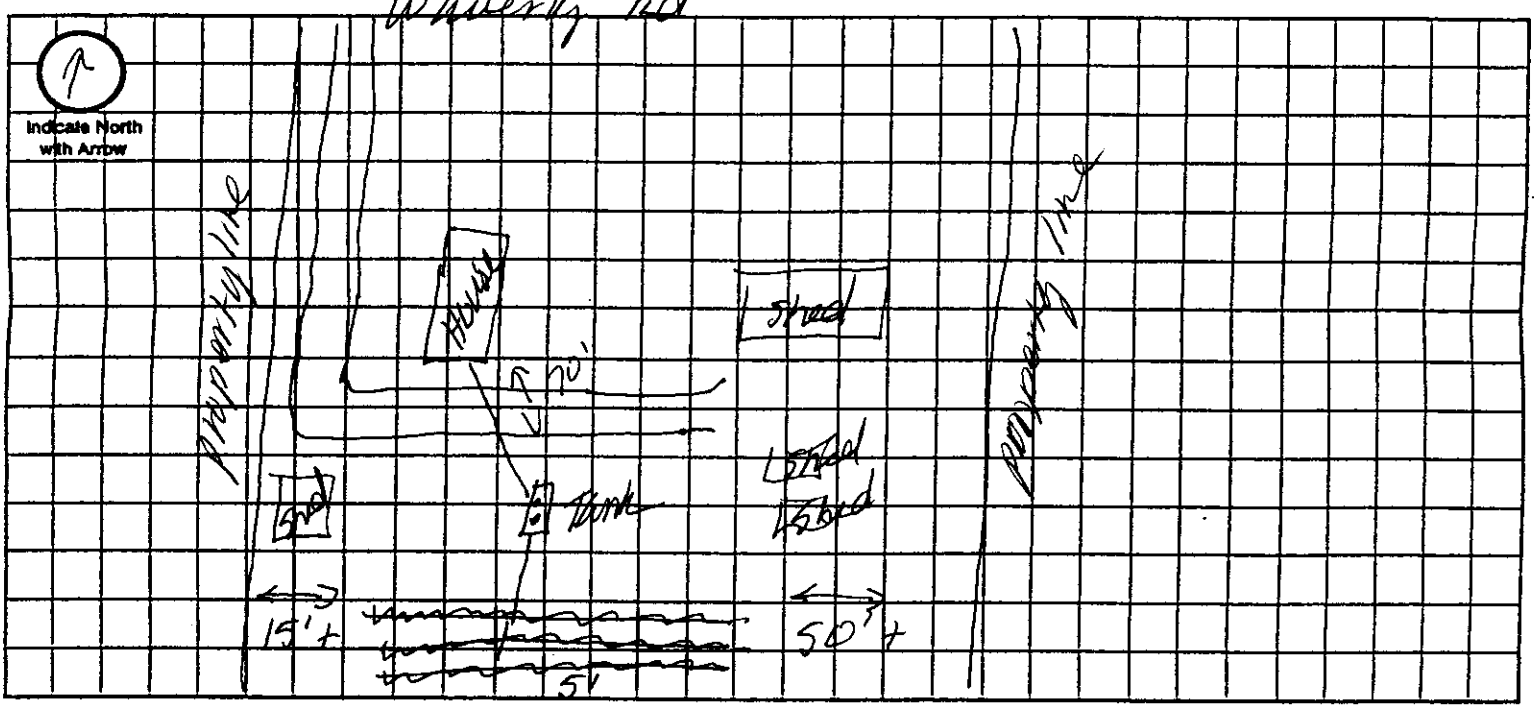
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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) 5101 Waverly rd City Lincoln NE, Zip 68524

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: Silty clay loam Land Slope: _____ %

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

Total Square Feet of Field Required: 1,400 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: ADS Gravelless Chambers

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 3 Trench Width 40"

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 Existing Home Date _____

Installer [signature] Date 9/3/11

FORM 23-102 10-96

9-9-2011 10:37:50

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

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000546

System Type: STANDARD

Situs: 5101 WAVERLY RD

Legal Description: T11N-R07E-S17-Lot 18

Owner: MEYERS, ANTHONY & BARBARA
5101 WAVERLY RD
LINCOLN NE
68514

Permit Fee:	$335.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$335.00
Issued:	09/07/2011
Expires:	09/06/2012

Judith A Halstead

Judith A. Halstead, MS, Health Director

On-site Waste System Permit Holder:

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
RAYMOND NE 68428

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

SEP 06 2011

SCANNED

A

Permit Number H5000546

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Signature

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

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

Installation Final Written Approval
By Doug Ahrens
Date 9/12/11

Business Office Use Only
Date Received 9-7-11 Amount Paid 335.00
Received By BH Cash/Check No. 7718

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

Form A Updated: 5/10

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

SEP 12 2011

D

Permit Number:

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date 9/7/11 Legal Description NE (1/4) 17-11-7 (1/4 Section Township Range) Lot 18

Onsite System Location

Address (no rural route) 5101 Waverly Rd City Lincoln NE, Zip 68514

Owner Anthony Meyers Address Same

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4" in.
2. Distance above basement floor: 60 in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: 143 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 30 ft.
   property line 100+ ft.

B. Septic Tank

☑ Label with Manufacturer, address and gallon capacity

1. Material: concrete
   Number of compartments: one
2. Capacity: 1500 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade At grade 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 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: 4 Endcap
   Number available outlets: 2
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 41' + 8' + 8' + 8' ft.

D. Drainfield Absorption

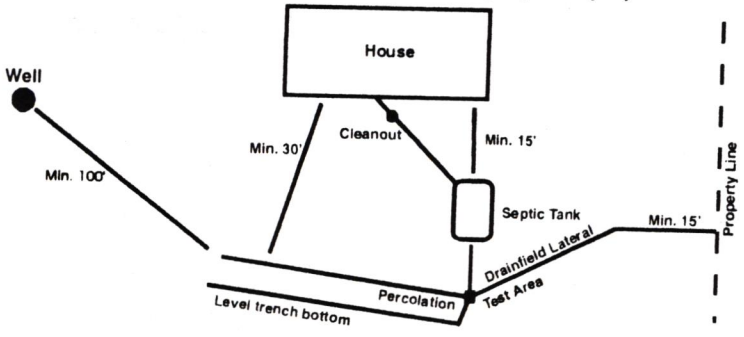
☑ Trench ☐ Bed ☐ Level Bottom

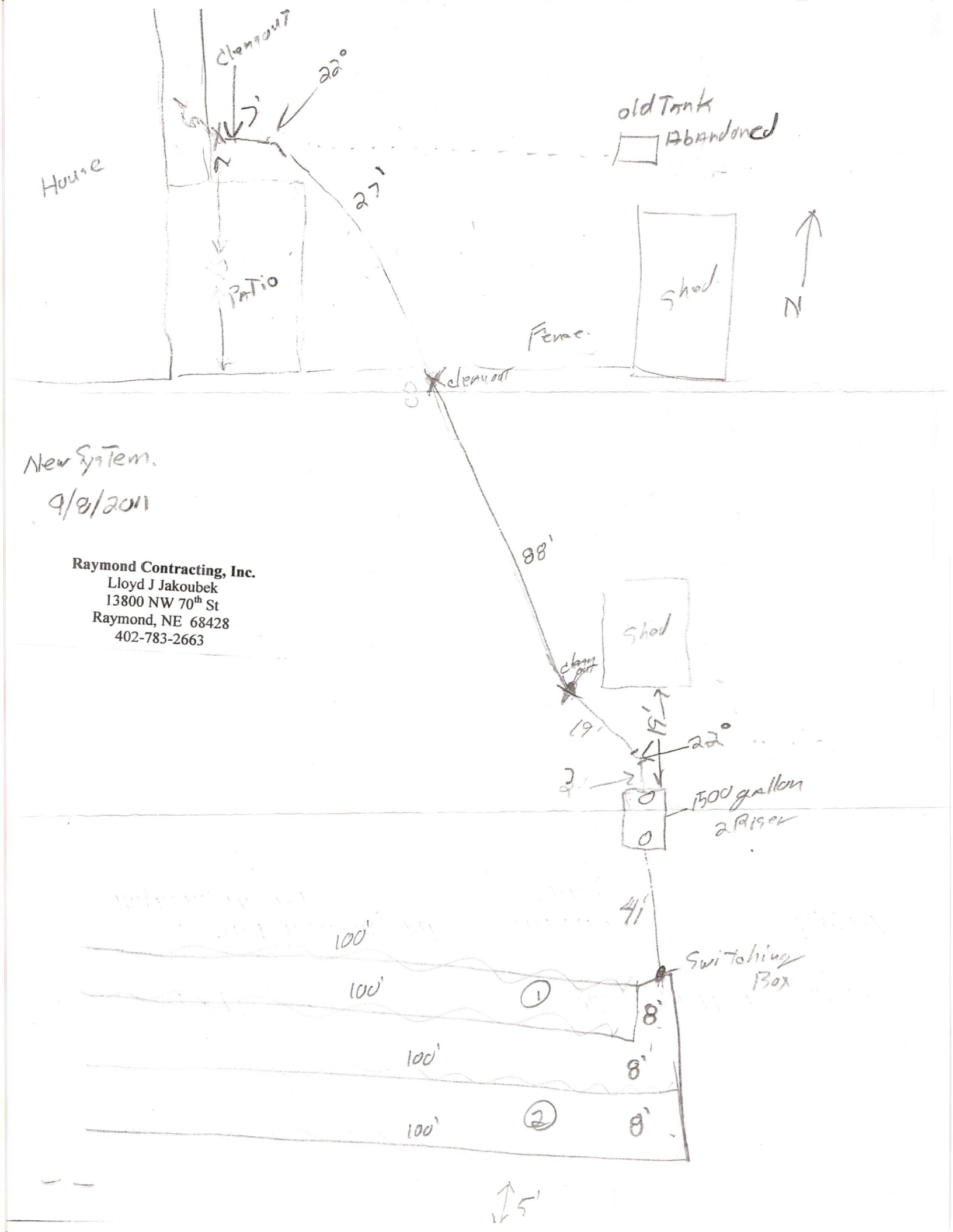
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4
   Length of each line: 100 ft. 100 ft.
   100 ft. 100 ft., _____ ft.
3. Drainfield dimensions: Width 40" ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 24"-46" in
4. Filter material: Dirt
   Depth of material 24"-46" in.
5. Distances to: Well or suction line 100+ ft.
   Pressure line 100+ ft.
   Property line 5+ 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




Cleanout
22°
3'
House
Old Tank
Abandoned
27'
Patio
Shed
N
Fence
Cleanout
New System.
9/8/2011
88'
Raymond Contracting, Inc.
Lloyd J Jakoubek
13800 NW 70th St
Raymond, NE 68428
402-783-2663
Shed
clean out
19'
15'
22°
2'
1500 gallon
2 Riser
41'
100'
100'
1
8'
100'
8'
100'
2
8'
Switching
Box
5'