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. HS000563

System Type: STANDARD

Situs: 3600 NW 70th

Legal Description: T10N-R05E-S12-Lot 34

Owner:

Permit Fee:	$345.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$345.00

Issued:	11/18/2011
Expires:	11/17/2012

Judith A Halstead

Judith A. Halstead, MS, Health Director

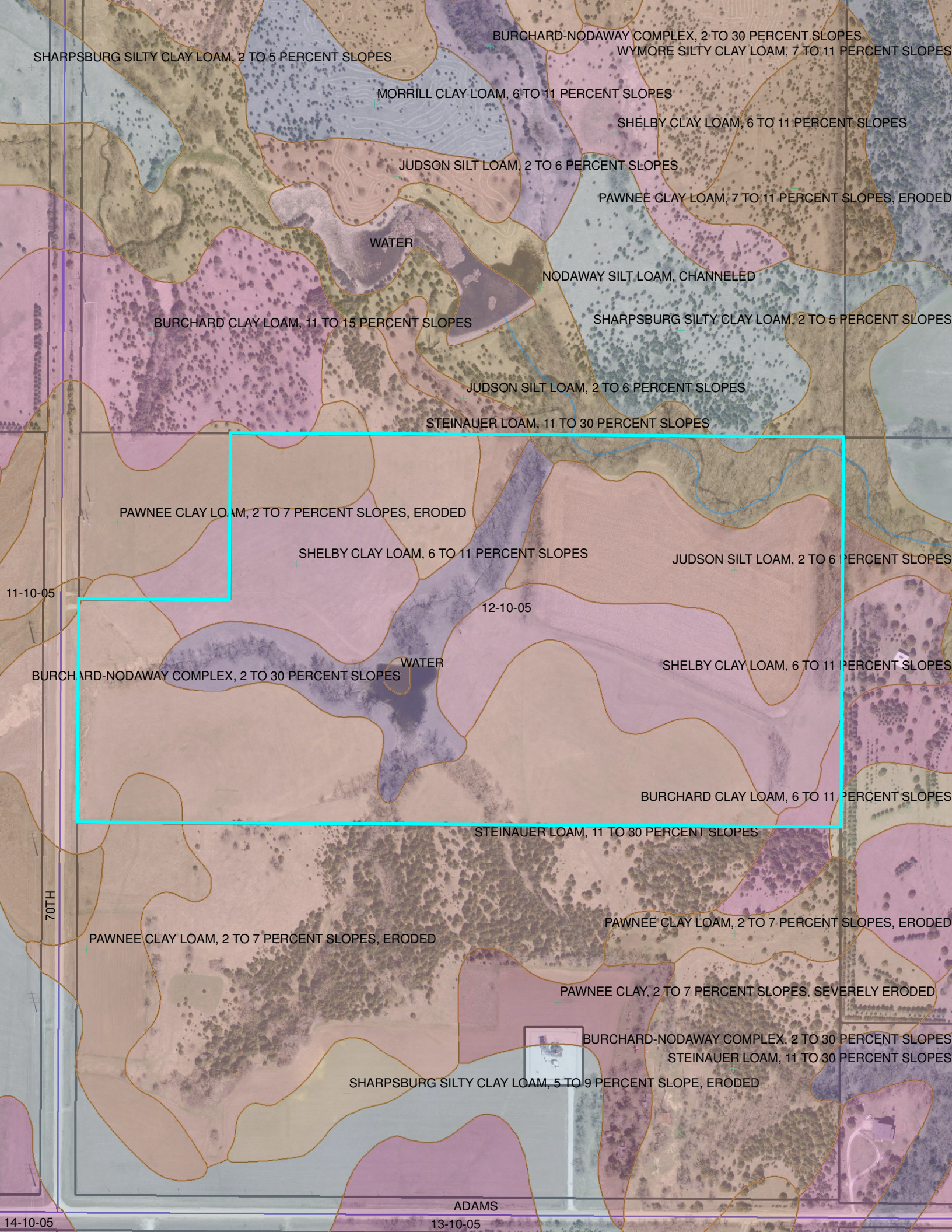
On-site Waste System Permit Holder:

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


BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
WYMORE SILTY CLAY LOAM, 7 TO 11 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES
MORRILL CLAY LOAM, 6 TO 11 PERCENT SLOPES
SHELBY CLAY LOAM, 6 TO 11 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
WATER
NODAWAY SILT LOAM, CHANNELED
BURCHARD CLAY LOAM, 11 TO 15 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
STEINAUER LOAM, 11 TO 30 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
SHELBY CLAY LOAM, 6 TO 11 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
11-10-05
12-10-05
WATER
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
SHELBY CLAY LOAM, 6 TO 11 PERCENT SLOPES
BURCHARD CLAY LOAM, 6 TO 11 PERCENT SLOPES
STEINAUER LOAM, 11 TO 30 PERCENT SLOPES
70TH
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
STEINAUER LOAM, 11 TO 30 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
ADAMS
14-10-05
13-10-05

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

A

Permit Number H3000563

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 04-12-360-006-000

A. Onsite System Location

Address 3600 NW 70th St (no rural route) City Lincoln, NE Zip 68524

Legal Description SW 12 10 5 34

1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot

Geographical Location (if known): Longitude: _____ Latitude: _____

☐ Check if system mail address is not the same as the owner's address Total Acres: 76.90

B. Owner

Name Robert Wiechert Signature _____

Address 1700 SW 9th St City/State/Zip Lincoln, NE 68522

☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name: Lloyd Jakowbek Company Name Raymond Contracting Inc

Address 3800 NW 70th St City/State/Zip Raymond, NE 68428

☒ Check if contractor designed system Work Phone 402-840-6609

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 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 11/15/11
Date frwd 11/17/11
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 11/17/2011
Date frwd _____
ACTION ☒ Approved ☐ Disapproved
Signature _____

Installation Final Written Approval
By Clancy Campsey
Date 11-22-11

Business Office Use Only
Date Received 11-18-11 Amount Paid 345.00
Received By BAH Cash/Check No. 7781

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

Form A Updated: 5-07

NOV 17 2011

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

A

Permit Number

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 04-12-360-006-000

A. Onsite System Location

Address 3600 NW 70th St (no rural route) City Lincoln, NE Zip 68524

Legal Description SW 12 10 5 34
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Longitude: Latitude:

☐ Check if system mail address is not the same as the owner's address Total Acres: 7.490

B. Owner

Name Robert Wiechert Signature 11/14/11

Address 1700 SW 9th St City/State/Zip Lincoln, NE 68522

☐ Check if owner designed system Home Phone 402-476-9336 Work Phone

C. Contractor

Name: Doug Jakobek Company Name Raymond Contracting Inc

Address 3800 NW 70th St City/State/Zip Raymond, NE 68428

☒ Check if contractor designed system Work Phone 402-840-6609

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 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 Date frwd
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 Amount Paid
Received By Cash/Check No.

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

Form A Updated: 5-07

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

04-12-300-006-000
SW 1/4 S12-T10-R5 Lot 34

System Location (Indicate correct number and street)

Address _____ (no rural route) City Lincoln NE, Zip _____

Owner Bob Wiechert Addresss 900 SW 98th St Lincoln, NE 68532

Soil Type (SCS): Sharpsburg/Judson Loam Percolation Rate: 37 min./inch

Date of Tests 3/21/2011 to 3/22/2011 Weather: Precipitation 0 Temperature 79°

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	3/21	2:30p	3/21	4:30p	3/22	4:30p	6	3/22	5:00p	30	7/8	34
2	24	"	"	"	"	"	"	"	"	"	"	1 3/16	25
3	33	"	"	"	"	"	"	"	"	"	"	2 3/8	13
4	40	"	"	"	"	"	"	"	"	"	"	2 3/8	13
5	28	"	"	"	"	"	"	"	"	"	"	1 3/16	25
6	28	"	"	"	"	"	"	"	"	"	"	13/16	37

Person Conducting Percolation Tests

Name: Terri L. Jakolebek, Raymond Contracting, Inc.
Phone: 402-783-2603 or 402-890-3870
Address 13800 NW 70th St
Raymond, NE 68428 # C1198

Sum of Percolation Rates: 147
Average of Rates: 25
Rate Used for Calculation: 37 (20 min variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

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

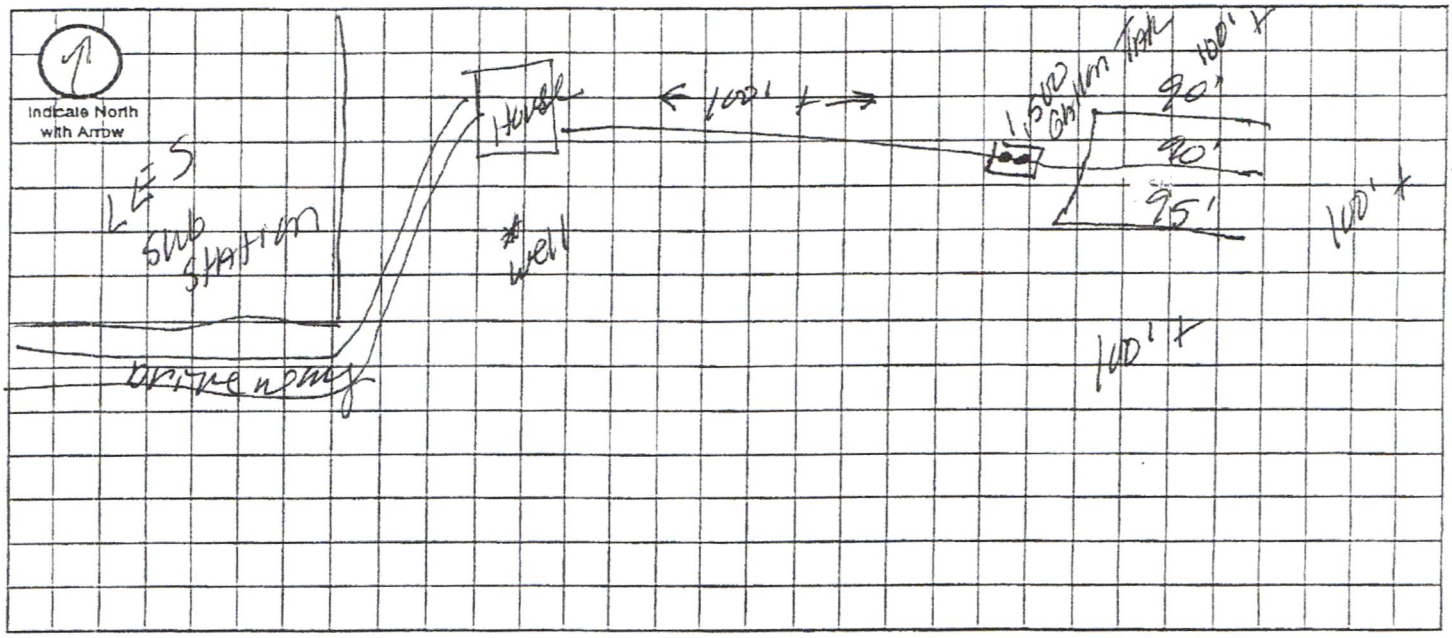
C

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) 3400 NW 70th St 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 37 (min. per inch) Soil Type: Judson/Kennebec Land Slope: _____ %

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

Total Square Feet of Field Required: 1,100 sq. ft.

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

Capacity of Septic Tank 1,500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 265 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 _____ Date 11/15/11

Installer _____ Date 11/4/11

FORM 23-102 10-96

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

D

Permit Number:

Onsite Wastewater Treatment System

As Built Plans & Specifications

Date 11/15/11 Legal Description SW 1/4 SW 1/4 12-10-5 Section Township Range Lot 34

Onsite System Location

Address (no rural route) 31600 NW 70th St City Lincoln NE, Zip 68524

Owner Bob Wiechert Address 1700 SW 9th St Lincoln, NE 68522

A. Sewer Pipe

1. Material: SDR26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 175 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 10'+ 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: 18"-12 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 10' ft.
   Property line 100+ ft.

C. ☐ Distribution Box ☐ Drop Boxes

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

1. Material: Plastic
   Number available outlets: 2 Percmp
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 41' ft.

D. Drainfield Absorption

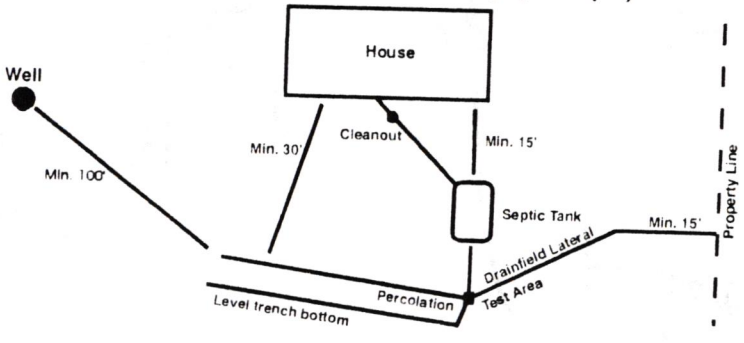
☑ Trench ☐ Bed ☐ Level Bottom

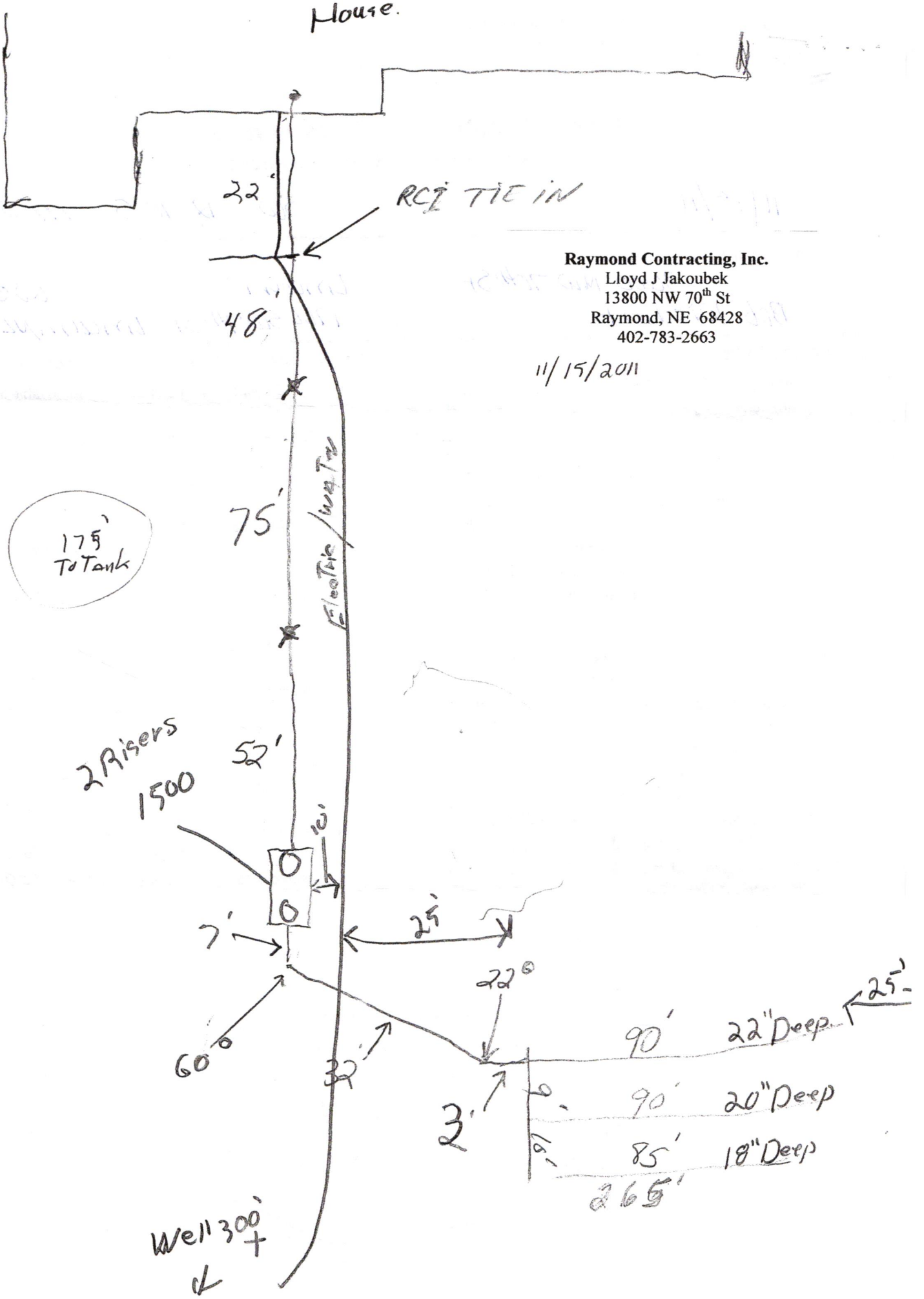
1. Type: ☑ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: 12"T-34"wd. ADS.
   Number of distribution lines in bed _____
   Material: ☑ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 3
   Length of each line: 90 ft. 90 ft.
   85 ft. _____ ft., _____ ft.
3. Drainfield dimensions: Width 40" ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 18"-24" in
4. Filter material: Soil
   Depth of material 18"-24" in.
5. Distances to: Well or suction line 100+ ft.
   Pressure line 25' ft.
   Property line 25' 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





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

11/15/2011