MAR 19 2014

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

A

Permit Number
HS000876

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 11700 SW 2nd St (no rural route) City Roca NE Zip 68430

Legal Description NW 2 8N 6E Wilderness Park Estates 3 5
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 08-02-100-017-000

B. Owner

Name Nathan J Dorn Signature Nathan Dorn

Address 8746 Fountain Dr City/State/Zip Lincoln, NE 68526

Home Phone 402-480-4991 Work Phone 402-467-8617

C. Certified Installer

Name: Lloyd Jakubek Signature Lloyd Jakubek for Lloyd

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

Work Phone 402-890-1009

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 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres 6.47
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 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 3/20/14 Amount Paid $365.00
Received By SB Cash/Check No. 8331

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

Form A Updated 1/13

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

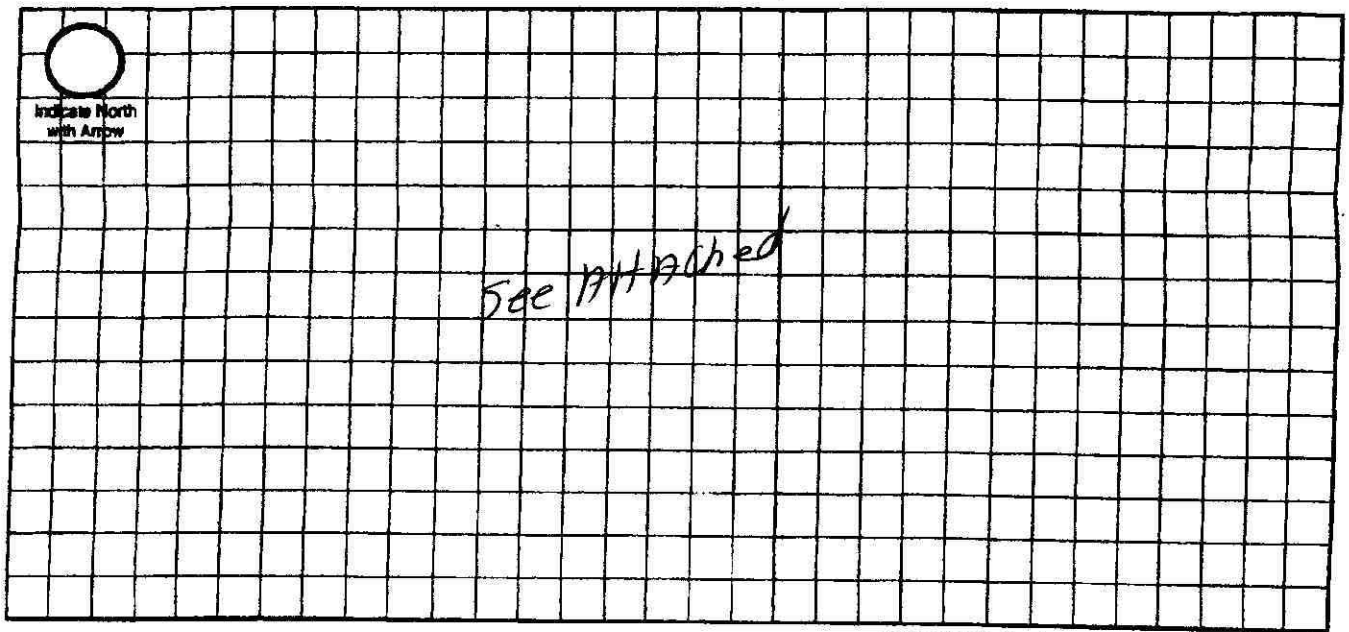
C

Permit Number: HS000876

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) _____ City Roca NE, Zip 68430

B. Proposed Septic Tank/s

NW 1/4 S2-T7N-R6E

Septic Tank Cap._____ 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____ (min/inch = mpi) No. of Bedrooms_____ Soil Type_____ Land Slope_____%

☐ Trench ☐ Bed ☐ Non-Standard (engineer designed and NDEQ approved Total Square feet of drainfield_____sq.ft.

Total length of laterals_____ Type of distribution: ☐ Perforated pipe ☐ Half-Round ☐ Chamber ☐ Other

No. of absorption trenches_____ Width_____ No. of drop boxes_____ Distrubtion Box_____

No. of absorption beds_____ Width_____ No of Distribution lines per bed_____

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

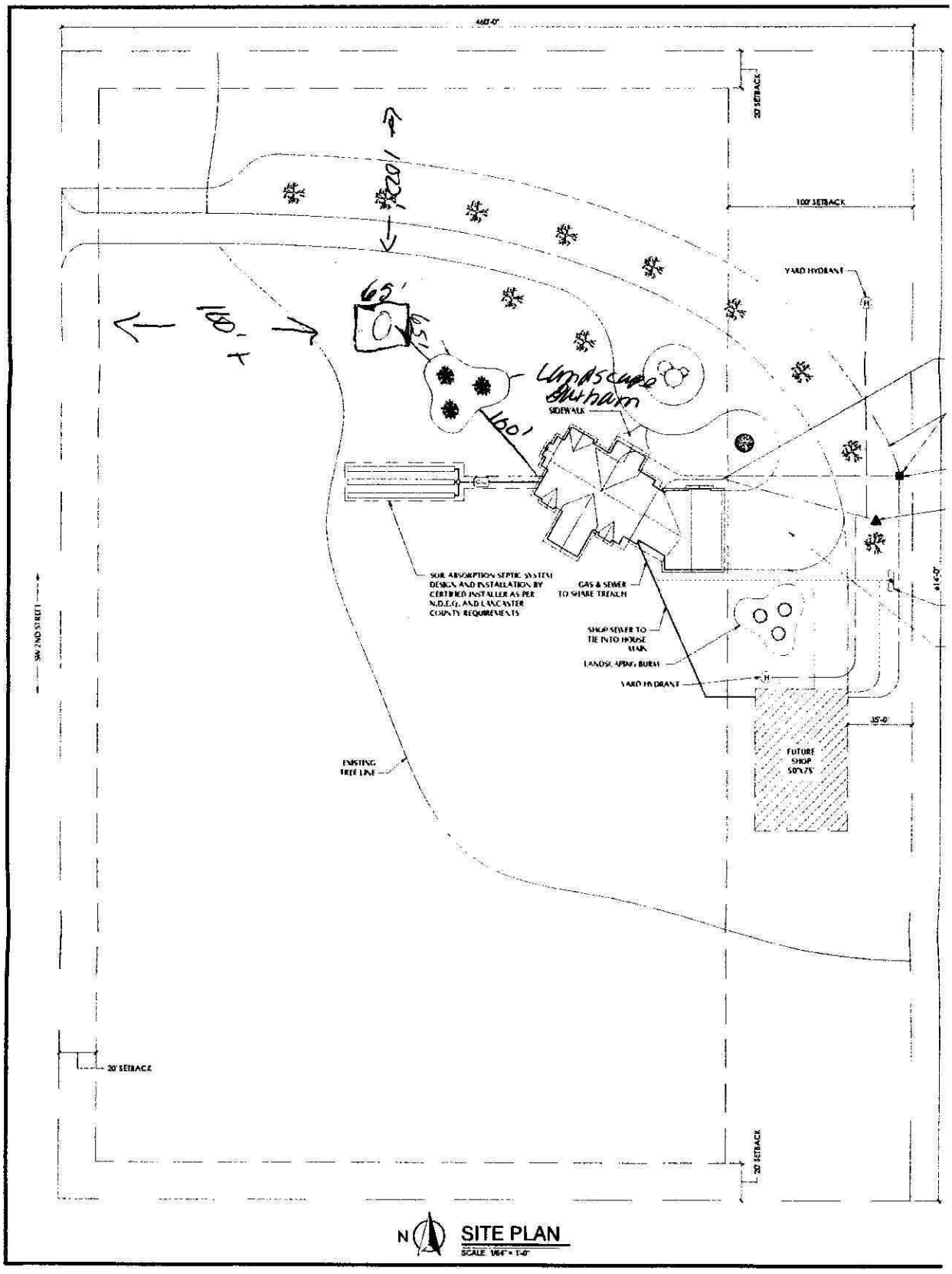
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☑	500 ☑	50 ☑	N/A ☐	30 ☑	50 ☑	100 ☑	200 ☑	☑

F. Required Signatures

Home Building Contractor _____ Date 3/17/14

Installer Kevin L. Johnson Date 3/12/14

salitillo rd



Nate C. Hartman

From: Todd A. Stutzman
Sent: Thursday, March 20, 2014 10:02 AM
To: Nate C. Hartman
Subject: 26055 Ironhorse Ct & 11700 SW 2nd St

Nate,

26055 Ironhores Ct In Iron horse Acres addition lot 10 is a buildable lot

11700 SW 2nd St in Wilderness Park Estates Addition lot 5 Block 3 is a buildable lot.

Todd Stutzman

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. HS000876

System Type: Lagoon

Situs: No Site Address Specified

Issued: 3/21/2014

Expires: 3/21/2015

Description:

Owner:

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
RAYMOND, NE 68428

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

1st Test

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 11700 SW 2nd St (no rural route) City Lincoln Rural NE, Zip 68430

Owner Nathan & Susan Winn Address 8246 Fountain Dr

Soil Type (SCS): silty clay Loam Percolation Rate: failed min./inch

Date of Tests 3/30/2014 to 3/31/2014 Weather: Precipitation D Temperature

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	3/30	12:30p	3/31	4:30p	3/31	11:30a	10	3/31	12:00p	30	1/8	240
2	23	"	"	"	"	"	"	"	"	"	"	1/16	500
3	40	"	"	"	"	"	"	"	"	"	"	1/8	240
4	22	"	"	"	"	"	"	"	"	"	"	0	0
5	41	"	"	"	"	"	"	"	"	"	"	1/16	500
6	26	"	"	"	"	"	"	"	"	"	"	0	0
7	37	"	"	"	"	"	"	"	"	"	"	1/8	240

Person Conducting Percolation Tests

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

Phone: 402-783-2663 or 402-890-3870

Address 13800 NW 70th St
Raymond, NE 68428 # C1198

Sum of Percolation Rates: 1,720

Average of Rates: 344

Rate Used for Calculation: failed

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official

Date

M 23-101 10-96

2nd Test

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

B

Permit Number:

Onsite Wastewater Treatment System
Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 11760 270th St SW (no rural route) City Roca NE, Zip 68430

Owner Nathan Worm Address 8746 Fountain Dr Lincoln NE 68526

Date of Tests 6/13/14 to 6/14/14 Weather: Precipitation 0 Temperature 75°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					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)	Initial Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	15	6/13	4:00 pm	6/13	5:00 pm	6/14	4:30 p	6	6/14	5:00 pm	30	3/16	160
2	17	"	"	"	"	"	"	6	"	"	"	5/8	48
3	21	"	"	"	"	"	"	6	"	"	"	1/16	480
4	14	"	"	"	"	"	"	6	"	"	"	3/8	80
5	16	"	"	"	"	"	"	6	"	"	"	1/16	480
6	18	"	"	"	"	"	"	6	"	"	"	5/16	96
7	16	"	"	"	"	"	"	6	"	"	"	3/16	160
								6					

Person Conducting Percolation Test

Name: Terri Jakobsen, Raymond Construction Inc.
Phone: 402-783-2163 or 402-860-3870
Address 13800 NW 70th St
Raymond, NE 68428 # C1198

Sum of Percolation Rates: 1,564
Average of Rates: 215
Rate Used for Calculation: Failed

Soil type (NRCS Maps/Other)

Groundwater Depth

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official Date

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

B

Permit Number:

Onsite Wastewater Treatment System

Soil Evaluation Report

PLEASE PRINT OR TYPE

Onsite System Location

Address 11760 SW 28th St (no rural route) City Roca NE, Zip 68430

Owner Nathan Warren Address 8744 Fountain Dr Lincoln, NE 68526

Date of Tests 7/17/14 to 7/18/14 Weather: Precipitation 0 Temperature 75°

Percolation Test Data Table

A.	B.	C. D. E. F. Saturation/Swelling Time				G. H. I. J. K. Water Level Drop Last 30 mins of 4 hr or last 10 mins of 1 hr					L. M. N. Results		
		Start		End		Start		Initial	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 Interval	Water Level Drop (in)	Percolation Rates (Min/in = mpi)
1	84	7/17	9:00a	7/17	1:00p	7/18	12:30p	6	7/18	1:00p	30	5/8	48
2	84	"	"	"	"	"	"	6	"	"	"	1/2	60
3	84	"	"	"	"	"	"	6	"	"	"	3/4	40
4	83	"	"	"	"	"	"	6	"	"	"	1 1/16	28
5	85	"	"	"	"	"	"	6	"	"	"	1	30
6	84	"	"	"	"	"	"	6	"	"	"	9/16	53
								6					
								6					

Person Conducting Percolation Test

Name: Terri L. Jakoubek, Raymond Contracting, LLC

Phone: 402-783-2663 or 402-560-3870

Address 13800 NW 70th St

Raymond, NE 68428 #C1198

Soil type (NRCS Maps/Other) SCL

Groundwater Depth 99' (well registration)

Sum of Percolation Rates: 259

Average of Rates: 43

Rate Used for Calculation: 60 (20 min variance)

DO NOT WRITE BELOW THIS LINE

Reviewing Action

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

Signature of Reviewing Official _____ Date _____

SCANNED

MAR 19 2014

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

A

Permit Number
HS000876

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 11700 SW 2nd St (no rural route) City Roca, NE Zip 68430

Legal Description NW 2 8N 6E Wilderness Park Estates 3 5
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 08-02-160-017-000

B. Owner

Name Nathan Dorn Signature Nathan Dorn

Address 8746 Fountain Dr City/State/Zip Lincoln, NE 68526

Home Phone 402-480-4991 Work Phone 402-467-8617

C. Certified Installer

Name: Lloyd Jakoubek Signature Nina Jakoubek for Lloyd

Address 13900 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-890-1009

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 Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 6.47
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 3/24/14
Date frwd 3/21/14
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 9/17/14

Business Office Use Only
Date Received 3/20/14 Amount Paid $365.00
Received By SB Cash/Check No. 8331

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

Form A Updated 1/13

SCANNED

SEP 22 2014

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

D

Permit Number: HS0008746

Onsite Wastewater Treatment System

As Built Plans & Specifications

Wilderness Park Estates Block 3, Lot 5

Date Sept. 18, 2014 Legal Description NW 1/4 2 1/4 8N-6E Section Township Range

Onsite System Location

Address (no rural route) 11760 SW 2nd St City Roca NE, Zip 68430

Owner Nathan Worm Address 8746 Fountain Dr Lincoln NE 68526

A. Sewer Pipe

1. Material: SDR 26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: 40 ft.
4. Number of clean-outs: one
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: 2000 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: 18-12 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: Plastic (Switch Box) 4 End Cap
   Number available outlets: 2 per Cap
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 30+8+8+8 ft.

D. Drainfield Absorption

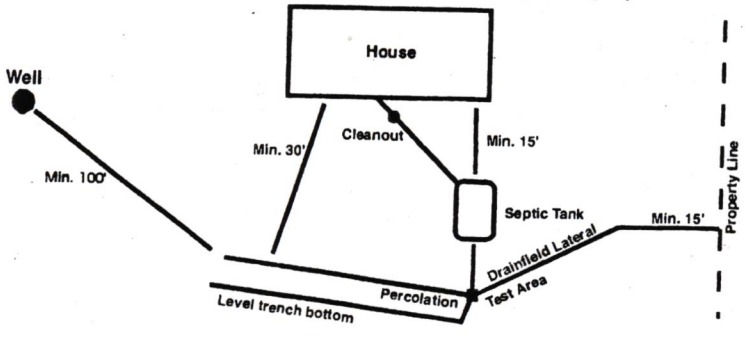
☑ Trench ☐ Bed ☐ Level Bottom

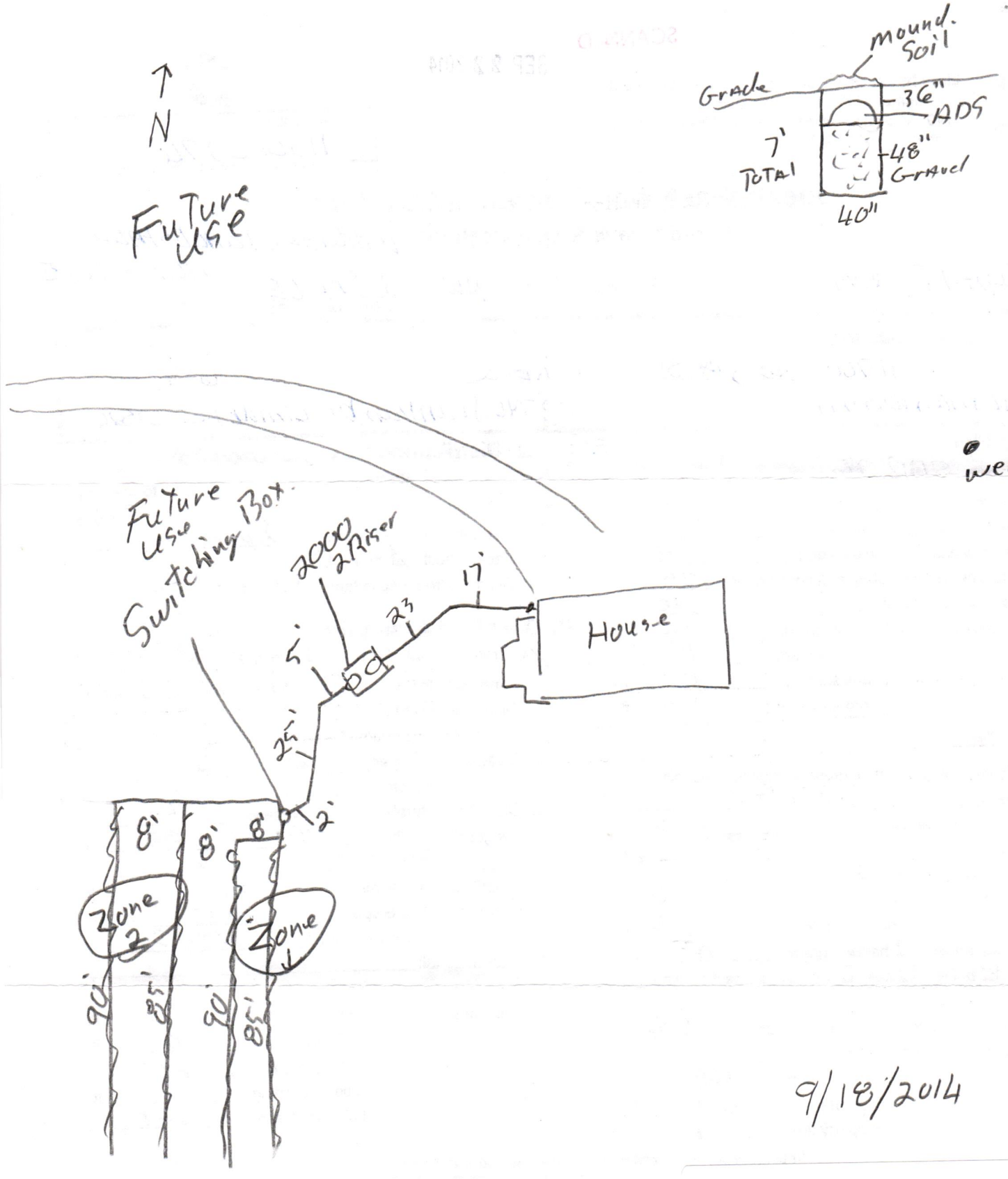
1. Type: ☐ Half rounds ☐ Perforated pipe ☐ Chambers
   Diameter or width: _____
   Number of distribution lines in bed _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number 4
   Length of each line: 90 ft. 85 ft.
   90 ft. 85 ft., _____ ft.
3. Drainfield dimensions: Width 40 ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 30-42 in
4. Filter material: Soil
   Depth of material 30-42 in.
5. Distances to: Well or suction line 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.
   House or building 100+ ft.
   Lake or Stream 100+ ft.

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

Indicate North with Arrow

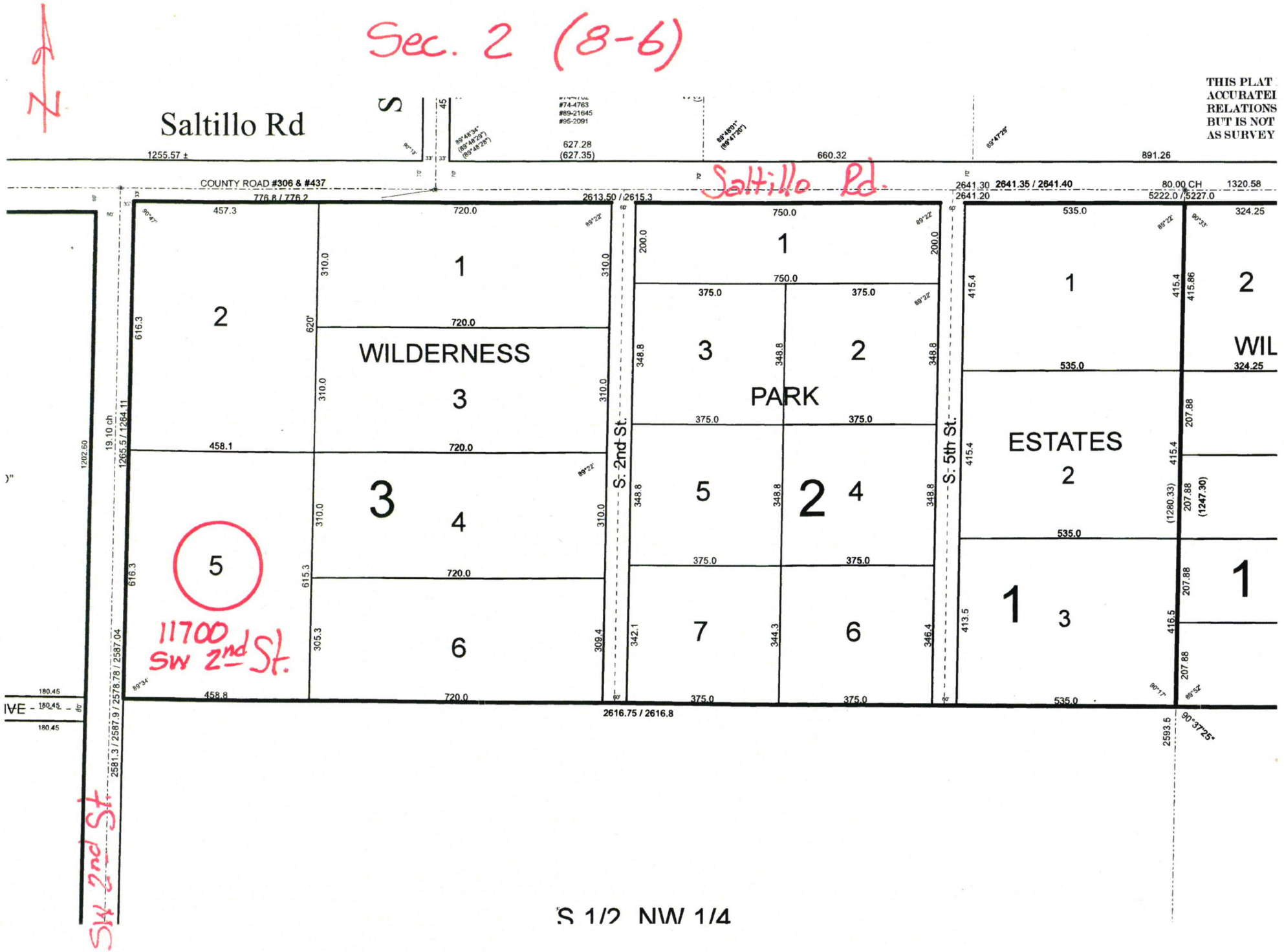
Onsite Wastewater System Design (Example)





9/18/2014

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


Sec. 2 (8-6)
N
Saltillo Rd
S
45
#74-4763
#89-21645
#95-2091
627.28
(627.35)
660.32
891.26
1255.57 ±
THIS PLAT ACCURATEI RELATIONS BUT IS NOT AS SURVEY
COUNTY ROAD #306 & #437
Saltillo Rd.
776.8 / 776.2
2613.50 / 2615.3
2641.30 2641.35 / 2641.40
2641.20
80.00 CH
1320.58
5222.0 / 5227.0
WILDERNESS
PARK
ESTATES
S. 2nd St.
S. 5th St.
11700 SW 2nd St.
SW 2nd St
2616.75 / 2616.8
2593.5
S 1/2 NW 1/4