HS001160

OCT 30 2015

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):** 17280 NW 12th St, Davey, NE 68336

   Legal Description of Property: Township: 12N Range: 6E Section: 27-NW

   Block _____ Lot 18 SubDivsion _____ Add: _____

   ***Parcel ID** 13 - 27 - 100 - 008 - 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 ☐ Large Capacity Tub

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

4. **Description of proposed alteration or repair:** Number of bedrooms increasing from 2 to 4. Adding 155' of new drainfield, ADS ARC 36. (Total effective trench bottom area = 1,016)

5. **Current Type of Lateral-** ADS ARC36 **Current Linear Ft. Of Lateral -** 125'

   Current Tank Gallonage- 1,500

6. Print Name Matt Elliott Address 17280 NW 12th St, Davey, NE 68336 Phone: 402-617-4363

   Applicant Signature: Matt Elliott Kevin L. Jakobek

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 ____/____/____ By _____
Date ____/____/____ By _____

Installation final written approval
Date ____/____/____ By _____

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: 10/30/15 Amount $210.00 Check No. 8766 Initials SB

Revised 4/8/13

OCT 3 0 2015

B

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

Permit Number: HS001160

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 17280 NW 12th St (no rural route) City Davey NE, Zip 68336

Owner Matt & Angela Elliott Address 5100 NW 10th St Lincoln, NE 68521

Soil Type (SCS): judson / Sandy Percolation Rate: 30 min./inch

Date of Tests 11/18/08 to 11/19/08 Weather: Precipitation 0 Temperature 48°

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	11/18	1:30p	11/18	5:30p	11/19	4:30p	6	11/19	5:00p	30	1	30
2	28	"	"	"	"	"	"	"	"	"	"	19/16	19
3	24	"	"	"	"	"	"	"	"	"	"	18/16	17
4	27	"	"	"	"	"	"	"	"	"	"	2	15
5	28	"	"	"	"	"	"	"	"	"	"	2 3/8	13
6	24	"	"	"	"	"	"	"	"	"	"	1 7/8	16

Sum of Percolation Rates: 110
Average of Rates: 18
Rate Used for Calculation: 30 (20 mpi variance)

Person Conducting Percolation Tests

Name: Terri Jakoubek, Raymond Contracting, Inc
Phone: 402-783-2663 or 402-890-3870
Address 13800 NW 70th St
Raymond, NE 68428 # C1198

2nd day of testing started @ 1:00pm

DO NOT WRITE BELOW THIS LINE

Reviewing Action

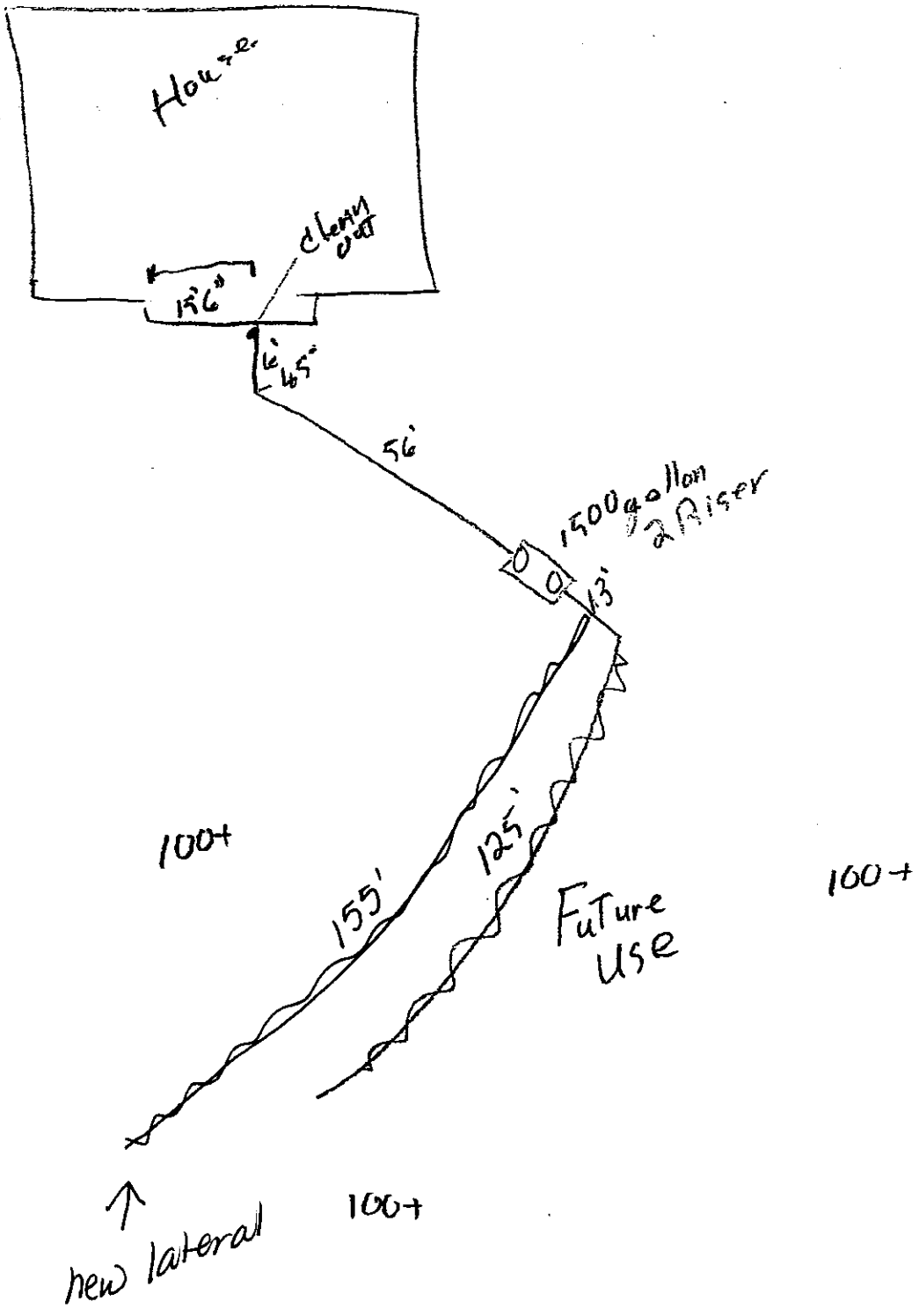
Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

owell
100+

OCT 3 0 2015



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

ON-SITE WASTE WATER SYSTEM
ALTERATION PERMIT
No. HS001160

System Type: Standard

Situs: 17280 NW 12 ST, RURAL, NE

Issued: 11/4/2015

Expires: 11/4/2016

Description: S27, T12, R6, 6th Principal Meridian, LOT 18 NW

Owner: ELLIOTT, MATTHEW B & ANGELA M
17280 NW 12 ST
DAVEY, NE 68336

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

Dear Applicant:

The above document is your permit to alter an existing On-site Waste Water System at the location listed. Please contact this office once the alteration is complete to obtain final approval before use.

Judith A Halstead
Judith A. Halstead, MS
Health Director

RAYMOND CONTRACTING
13800 NW 70TH ST
RAYMOND, NE 68428

NOV 12 2015

D

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

Permit Number: H560 1160

Onsite Wastewater Treatment System

11/05/2015

As Built Plans & Specifications

Date 11-26-08 Legal Description NW 1/4 1/4 27-12-6 Section Township Range Lot 18

Onsite System Location

Address (no rural route) 17280 NW 12th St City Davey NE, Zip 68336

Owner Matthew Elliott Address 5100 NW 10th St Lincoln, NE 68521

A. Sewer Pipe

1. Material: SDR26
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 20 in.
3. Distance between dwelling and septic tank: 62 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: 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: Endcap / Plastic
   Number available outlets: 2
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 13' ft.

New → drainfield control valve 3' from tank

D. Drainfield Absorption

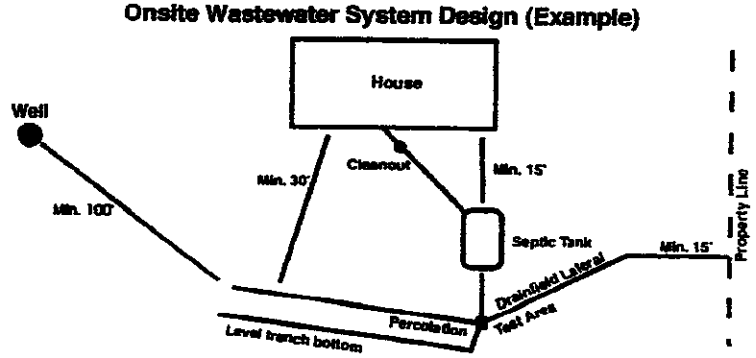
☑ Trench ☐ Bed ☐ Level Bottom

1. Type: ☐ Half rounds ☐ Perforated pipe ☑ Chambers
   Diameter or width: 12"Tall X 34" wide
   Number of distribution lines ~~drilled~~: one
   Material: ☑ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Drainfield Laterals: Number one 2
   Length of each line: 125' ft. 155 ft. New
   _____ ft. _____ ft., _____ ft.
3. Drainfield dimensions: Width 40' ft.
   Distribution Pipe Slope Flat in/100 ft.
   Average depth 22"-32" in
4. Filter material: Soil
   Depth of material 22" - 32" 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.

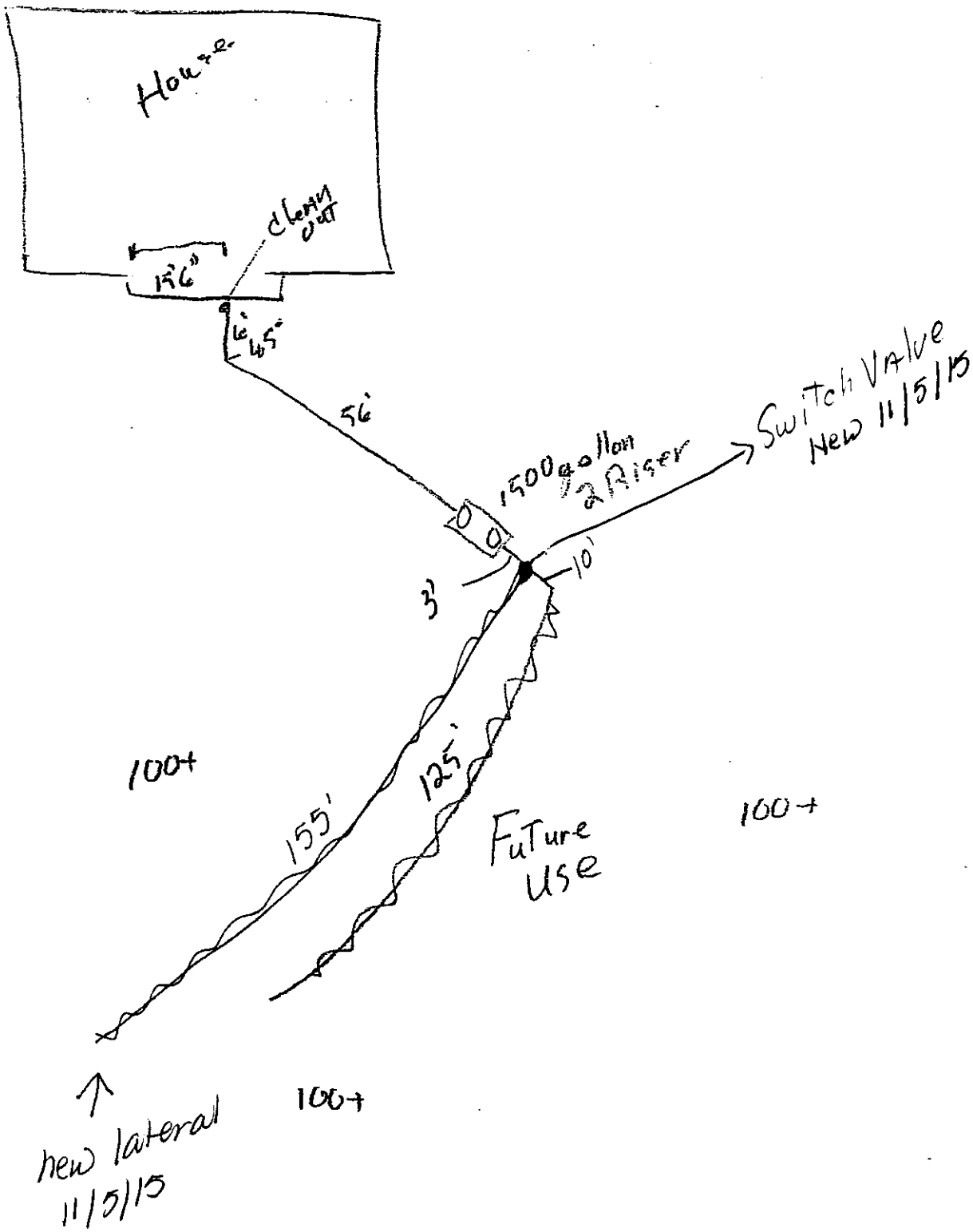
Complete As-Built drawing on the back fo this form.

Onsite Wastewater System Design (Example)

Indicate North with Arrow



owell
100+


House
clean out
156"
16' 45°
56'
1500 gallon
2" Riser
Switch Valve
New 11/5/15
10'
3'
100+
155'
125'
Future
Use
100+
100+
new lateral
11/5/15

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SCANNED OCT 30 2015

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Installation final written approval
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*Card prior to inspection

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Received: Date: 10/30/15 Amount $210.00 Check No. 8766 Initials SB

Revised 4/8/13

*as-built provided 11/1/16