Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008323

(402) 441-8000

Permit: SEWAGE SYSTEM REPAIR
SEWAGE REPAIR

Permit # 05390084001

Issued 10/11/05
Expires 10/11/06
Revenue Code 3157

Establishment: KURT T VIRGIL EXCAVATING
T12N R6E SEC 20 QTR SE
LOT 12IT
3200 W DAVEY RD-RAYMOND

FEES: $150.00

Permittee: KURT T VIRGIL EXCAVATING
437 NW 16 ST
LINCOLN NE 68528

TOTAL: $150.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

#05 37 00840

Application to Alter, Extend or Repair an Individual Sewage Disposal System

☐ Municipal Code 24.38 ☒ County Resolution Number 2832

The undersigned hereby applies for a permit to: ☐ **ALTER** ☐ **EXTEND** ☑ **REPAIR** an existing Individual Sewage Disposal System, in conformance with appropriate Ordinance or Resolution, as described in this application and drawings attached hereto.

1. **Legal description of property:**
   Township 12 N Range 6E Section 20 1/4 Section SE 20-12-6
   Block ____ Lot 1 & F.T. Addition ____
   Parcel ID ____-____-____-____-____ (i.e. 99-99-999-999-999) See Attached
   Street Address 3300 W. Davey Rd. Raymond, Ne 68428

2. **Property use:** ☑ residential ☐ commercial ☐ other use
   Number of bedrooms 2 Describe ____

3. **Type of Present Individual Disposal System** ☑ septic tank ☐ lagoon ☐ other

4. **Description of proposed alteration, extension or repair** replace exsisting lateral w/ new gravelless. Abandon exsisting field. Reuse tank. → good working condition.

5. **Work to be done by:** ☐ owner ☑ contractor's name Kurt + Virgil Excavating

6. **Estimated project:**
   a. Repair, replace or minor extension with a cost less than $400 (no fee required).
   b. Total cost is greater than $400 (Return fee with this application)
   c. A "construction permit" is required if the use, operation, location, or type of the system is being change.

Print Name Kurt + Virgil Address 437 N 4th 16th St. Lincoln Ne 68508 Phone 525-6681
Applicant Signature (owner or lessee) ____

Please include the permit fee ($100) with this application
Fee must be included before the application will be processed. Incomplete information will delay processing

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HEALTH DEPARTMENT USE ONLY

Date received 10/11/05 REVIEW: ☒ Approved ☐ Disapproved By: Jerrold C. Hood

Site visits
Date 10/12/05 By mm
Date ____/____/____ By ____
Date ____/____/____ By ____

Installation final written approval
Date 10/13/05 By Ron Magnuson

Return application to: Lincoln-Lancaster County Health Department - Environmental Health Division
3140 "N" Street, Lincoln, NE 68510
Phone: 441-8022

Business Office Use Only
Received: Date: 10/11/05 Amount 150.00 Check No. 1301 Initials CW

White - Division Copy Pink - Business Office Revised 9/00

Percolation Test Results

Location: Township:

Range: 1/4 Sec.

Section: 1/4 Sec.

County: Area: Acres:

Performed by: Kurt Virgil

Owner of Property: Anne Hellerich (name, address, phone)

Kurt Virgil Certification Number: (P1725)

Test Date(s): **Presoak:** 10-7 to 10-8 7pm 12am **Percolation:** 10-8 12 - 4 pm

Number of Test Holes: 6 **Diameter of Test Holes:** 8"

Location of Test Holes: Center of projected field

Description of Soil: Malcolm Silt Loam

(Sand, Silt, Clay, Sandy Clay, Loamy Sand, Silty Clay, Silty Clay Loam, Sandy Loam, Silt Loam)

Depth to Groundwater/(or) Bedrock: > 6 ft

Comments:

Roughen bottom/edges with: Shovel / rake

Place 2 inches of 1/4 to 3/4 inch gravel in bottom ✓ **(y)** **(n)**

Test Data: The test holes were presoaked for ____ **Hours, or** ✓ **Overnight**

(AND) were refilled with 12 inches of water as needed ✓

Filled with 6 inches of clear water every: ✓ **30 min** ____ **10 min during test**

Weather: **Precipitation:** No **Temperature:** 40 - 60°

Final Measurements:

Test Hole:	1	2	3	4	5	6
Perc. Rate: (min/in)	34.3	40	20	30	34.3	34.3

= 192.9 / 6

Average Perc. Rate for Area: 32.15

550 lin. ft / 4 = 137.5

(If variations > 20 mpi exist do not average; but base design on slowest rate)

3300 W. Devon Rd.

Test Hole	1	2	3
Depth of Test Hole (in.)	24	30	24

Interval Number	Elapsed Time		Water Level/ Drop		Water Level/ Drop		Water Level/ Drop
	Hrs		Inches		Inches		Inches
0	0	6 in	—	6 in	—	6 in	—
		drop	—	drop	—	drop	—
1	1/2	6 in	—	6 in	—	6 in	—
		drop	1 3/8	drop	1	drop	2 3/4
2	1	6 in	—	6 in	—	6 in	—
		drop	1	drop	7/8	drop	2 1/8
3	1 1/2	6 in	—	6 in	—	6 in	—
		drop	1	drop	7/8	drop	2
4	2	6 in	—	6 in	—	6 in	—
		drop	7/8	drop	1	drop	1 3/4
5	2 1/2	6 in	—	6 in	—	6 in	—
		drop	1	drop	7/8	drop	1 3/4
6	3	6 in	—	6 in	—	6 in	—
		drop	7/8	drop	7/8	drop	1 5/8
7	3 1/2	6 in	—	6 in	—	6 in	—
		drop	1	drop	1	drop	1 1/2
8	4	6 in	—	6 in	—	6 in	—
		drop	7/8	drop	3/4	drop	1 1/2

Final Drop (not total)	7/8	3/4	1 1/2
Perc. Rate min/inch	34.3	40	20
Show Equation Here	30/.875	30/.75	30/1.5

Test Hole	4	5	6
Depth of Test Hole (in.)	32	24	29

Interval Number	Elapsed Time		Water Level/ Drop		Water Level/ Drop		Water Level/ Drop
	Hrs		Inches		Inches		Inches
0	0	6 in	—	6 in	—	6 in	—
		drop	—	drop	—	drop	—
1	1/2	6 in	—	6 in	—	6 in	—
		drop	1 3/4	drop	1 3/8	drop	1 1/2
2	1	6 in	—	6 in	—	6 in	—
		drop	1 1/4	drop	1	drop	1 1/2
3	1 1/2	6 in	—	6 in	—	6 in	—
		drop	1 1/4	drop	1	drop	1
4	2	6 in	—	6 in	—	6 in	—
		drop	1	drop	1	drop	1 1/8
5	2 1/2	6 in	—	6 in	—	6 in	—
		drop	1 1/8	drop	1 1/8	drop	1
6	3	6 in	—	6 in	—	6 in	—
		drop	1	drop	7/8	drop	1
7	3 1/2	6 in	—	6 in	—	6 in	—
		drop	1 1/8	drop	7/8	drop	7/8
8	4	6 in	—	6 in	—	6 in	—
		drop	1	drop	7/8	drop	7/8

Final Drop (not total)	~~30~~ 1	7/8	7/8
Perc. Rate min/inch	30	34.3	34.3
Show Equation Here	30/1	30/.875	30/.875

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10/12/05

System Location (Indicate correct number and street)

Address 3200 W. Davey Rd (no rural route) City Raymond NE, Zip 68428

A. Building Sewer

1. Material: PVC #40
   Diameter: 4" in.
2. Distance above basement floor: thru wall in.
   or distance below basement floor: — in.
3. Distance between dwelling and septic tank: 60 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line > 50 ft.
   stream 750 ft.
   pressure line > 25 ft.
   property line — ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1000 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 2' in.
   Over outlet, diameter 2' in.
   Riser: ☑ above ☐ below grade in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 24 in.
8. Distances to: Well or suction line 7 100 ft.
   Stream 7 ~~100~~ 50 ft.
   Pressure line 7 ~~100~~ 25 ft.
   Property line 7 15 ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 3
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 90 ft.

D. Absorption Field

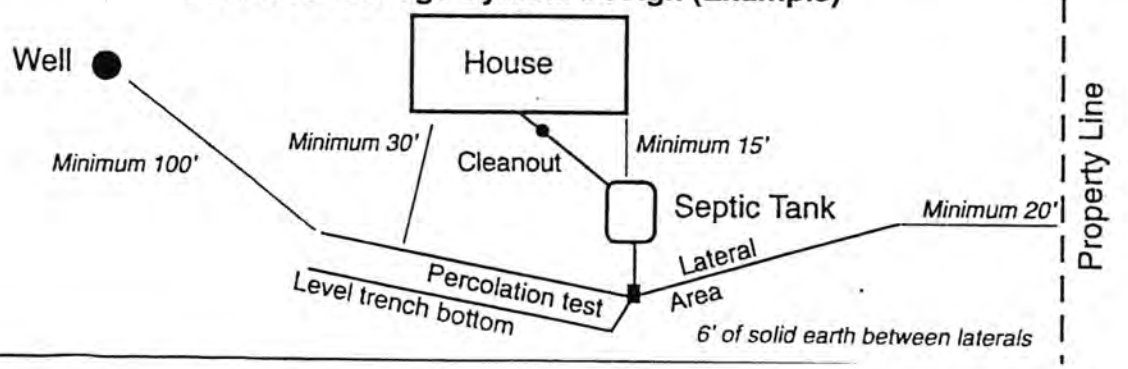
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 36
   or perforated pipe:
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 2
   Length of each line: 80 ft. 50 ft.
   ft. ft., ft.
3. Trench dimensions: Width 36 in ~~ft.~~
   Slope 0 in/100 ft.
   Average depth 24 in
4. Filter material: Gravelless
   Depth of material — in.
5. Distances to: Well or suction line > 100 ft.
   Stream 7 50 ft.
   Pressure line 7 25 ft.
   Property line 7 15 ft.

Indicate North with Arrow

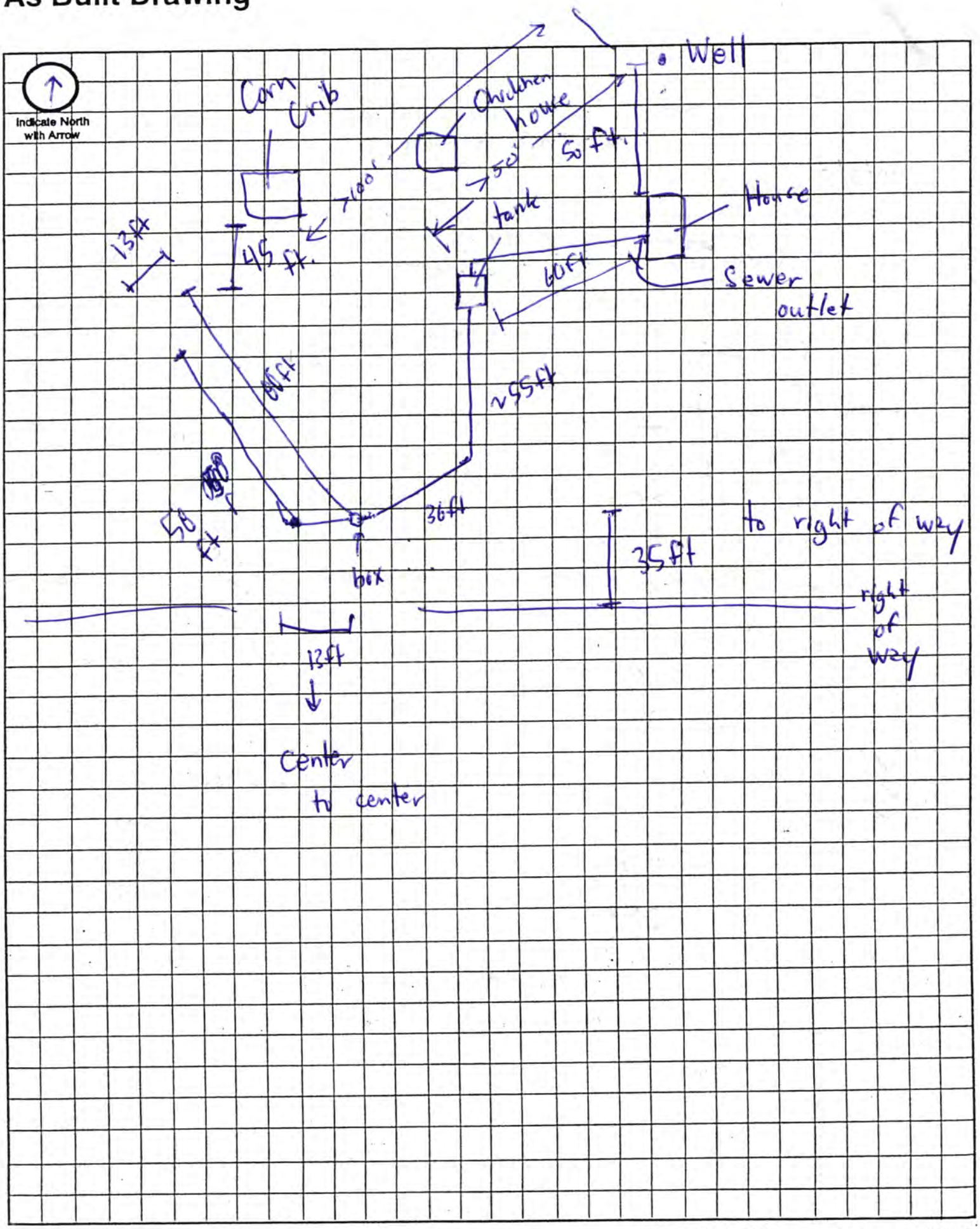
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



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

#0539 00840

Lancaster County

County Assessor/Register of Deeds
Property Information

InterLinc

Parcel Identification No: 13-20-400-001-000

Taxing District:	0080 RURAL
Property Class:	RGBA RURAL FARM IN GREENBELT
Neighborhood:	3700 MARKET AREA SEVEN
Situs Address:	3200 W DAVEY RD RURAL
Final Value Summary for Tax Year 2005	
Total Value:	200,031

Property Owner:

HELLERICH, ANN LIFE EST ET AL

3300 W DAVEY RD

RAYMOND NE 68428

Legal Description:

THAT PART OF LOT 12 LYING IN THE SE 20-12-6



Click Photo to Enlarge

Sale History:

Instrument #	Sale Date	Sale Pri
97-020898	05/21/1997	1,152
03-077317	10/17/2000	0
03-009128	10/17/2000	15,000

Land and Miscellaneous

Residential Information Display Building 01

Building Sketch Display Building 01

Map

Treasurer's Information

County Assessor Property Information