Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008513

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380313401

Issued 11/18/05
Expires 11/18/06
Revenue Code 3157

Establishment: TROY ROBEY
T11N R5E SEC 17 QTR SW
LOT 29IT
MALCOLM

FEES: $275.00

Permittee: TROY ROBEY
6405 S 172 AVE
OMAHA NE 68135

TOTAL: $275.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

NOV 17 2005

A

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

Permit Number: 05380313401

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 12300 W. Bluff Rd (no rural route) City malcolm NE, Zip 68402

Legal Description SW 1/4 17 Section 11N Township 5E Range ____ Subdivision ____ Addition ____ Block 29 Lot T.

Geographical Location (if known): Longitude ____ Latitude ____

☐ Check if system mail address is not the same as the owner's address

B. Owner

Name Troy Robey Signature [signature]

Address 6405 S. 172nd Ave City/State/Zip Omaha, NE 68135

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

C. Contractor

Name Sam Manzitto Company Name Manzitto Bros

Address 3341 Pioneers Blvd City/State/Zip Lincoln NE 68521

☐ Check if contractor designed system Work Phone 483-2302

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name Lloyd Jakoubek Firm Raymond Contracting Inc Work Phone 402-890-6009

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 4 Is there a Whirlpool Bathtub (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. 2832

1. **Health Department** Date rec'd 11/17/05 Date frwd 11/18/05 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 11/18/05 Date frwd 11/18/05 ACTION ☒ Approved ☐ Disapproved Signature [signature]
   ADDRESS NOT VALID.
3. **City or County Engineer** Date rec'd 11-18-05 Date frwd 11-18-05 ACTION ☒ Approved ☐ Disapproved Signature [signature]

Inspected 3/9/06

Installation Final Written Approval

By Doug Kral

Date 3/16/06

Business Office Use Only

Date Rec'd 11/18/05

Amt Paid 275.00

Rec'd By ____ Cash/Check No. 5973

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

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3140 "N" Street • Lincoln, NE 68510-1514
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B

Permit Number: 053803134

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 12300 W Bluff Rd (no rural route) SW/4 17-11-5 City Malcolm NE, Zip 68402

Owner Troy Robey Addresss 6405 S. 172nd St Omaha, NE 68135

Soil Type (SCS): Judson/Sharpsburg Percolation Rate: 30 min./inch

Date of Tests 10/6/05 to 10/7/05 Weather: Precipitation 0 Temperature 47°

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	28	10/6	1:45p	10/6	5:45p	10/7	12:15p	6	10/7	4:15p	30	1	30/1.00 = 30
2	28	"	"	"	"	"	"	"	"	"	"	11/16	30/0.69 = 43
3	29	"	"	"	"	"	"	"	"	"	"	1 1/4	30/1.25 = 24
4	29	"	"	"	"	"	"	"	"	"	"	1 1/4	30/1.25 = 24
5	28	"	"	"	"	"	"	"	"	"	"	1	30/1.00 = 30
6	26	"	"	"	"	"	"	"	"	"	"	1 1/8	30/1.13 = 27

Sum of Percolation Rates: 178
Average of Rates: 30
Rate Used for Calculation: 30

Person Conducting Percolation Tests

Name: Terri Jirkovsky, Raymond Construction, Inc
Phone: 402-783-2663 or 402-290-3870
Address 13810 NW 70th St
Raymond, NE 68428 #C1198

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

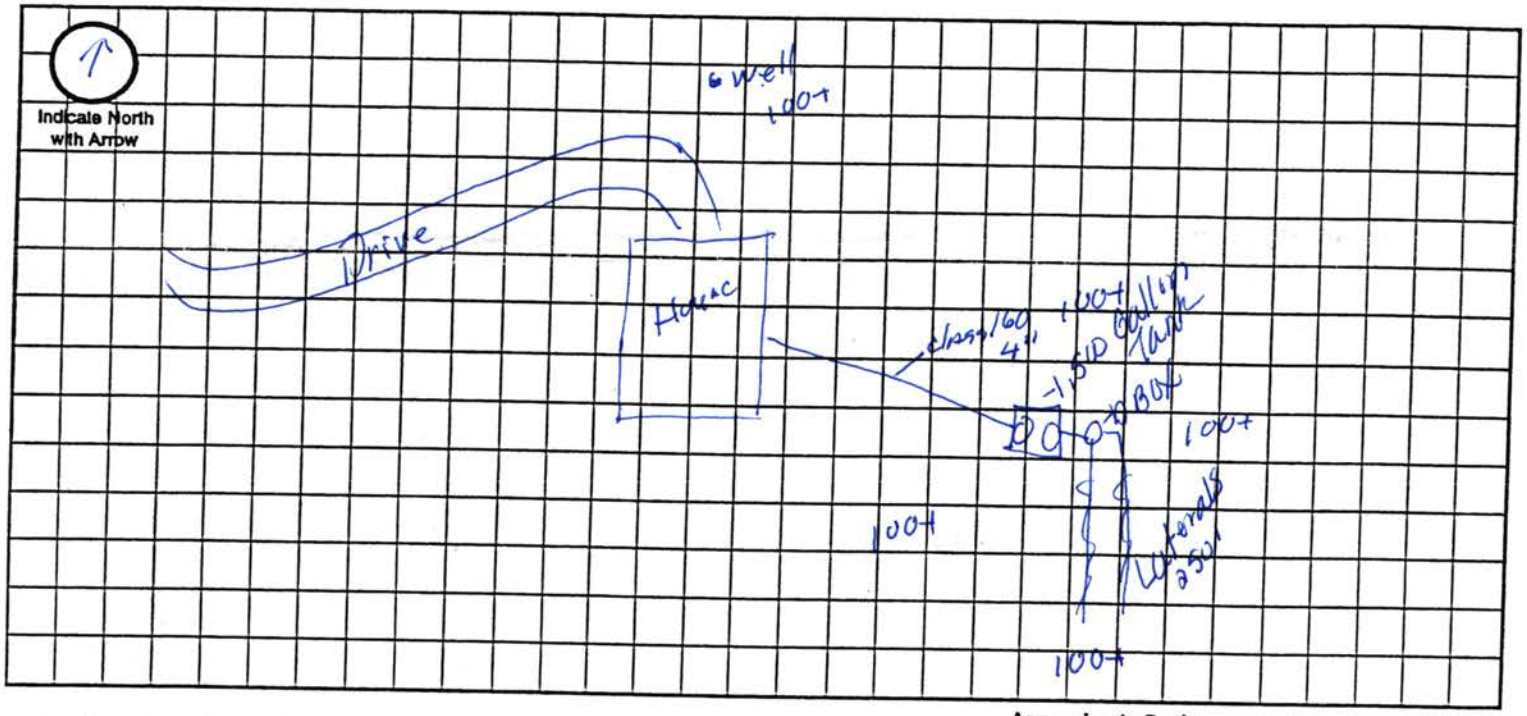
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Phone: 402-441-8022

C

Permit Number: 05380313 4

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) 12300 W. Bluff Rd City Malcolm NE, Zip 68402

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 30 (min. per inch) Soil Type: Judson/ Sharpsburg Land Slope: _____ %

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

Total Square Feet of Field Required: 1,000 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: ASTM-10 Standard

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 250 ft. Number of Trenches 2 Trench Width 4'

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 11-14-05

Installer _____ Date 10-10-05

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D

Permit Number:

Sewage Disposal System
As Built Plans & Specifications

(ATTN. Doug)

Date 3/10/06

Robey

System Location (Indicate correct number and street)

Address NW 126TH. Bluff Little North (no rural route) 11080 NW 12Th ST (12Th) City Malcolm NE, Zip 68402

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: 46 in.
3. Distance between dwelling and septic tank: 183 ft.
4. Number of clean-outs: 3
5. Distances to: well or suction line 100+ ft.
   stream 100+ ft.
   pressure line 100+ ft.
   property line 100+ ft.

B. Septic Tank

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 AtGrade in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 18 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: Plastic
   Number available outlets: 3
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 6 ft.

D. Absorption Field

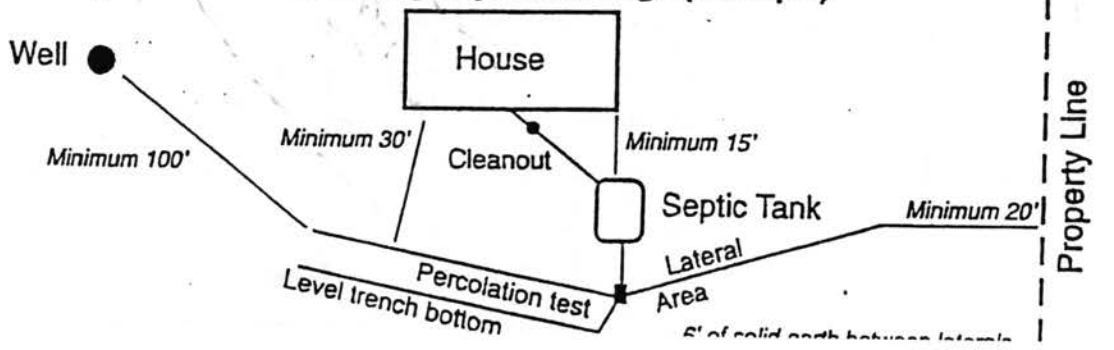
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 34" wide 12" Tall
   ~~or perforated pipe:~~ Quick 4 Standard.
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 2
   Length of each line: 139' ft. 139 ft.
   ____ ft. ____ ft., ____ ft.
3. Trench dimensions: Width 40" ft.
   Slope FLAT in/100 ft.
   Average depth 26"-32" in
4. Filter material: Dirt
   Depth of material 26"x32" in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ 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

