Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008191

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380309301

Issued 09/07/05
Expires 09/07/06
Revenue Code 3157

Establishment

RICHARD A CAMPOS JR
T9N R5E SEC 24 QTR NE
YANKEE LAKE ACRES BLK 3 LOT 1
5901 W YANKEE LAKE RD-DENTON

FEES: $200.00

Permittee

RICHARD A CAMPOS JR
3200 W PLEASANT HILL RD
LINCOLN NE 68523

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

SEP 0 [illegible]

A

Permit Number: 05380309301

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 5901 W Yankee Lake Rd (no rural route) City Denton NE, Zip 68339

Legal Description NE 24 9N 5E Yankee Lake Acres 3 1
1/4 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name RICHARD A. CAMPOS, JR Signature Richard A Campos, Jr

Address 3200 W. Pleasant Hill Rd City/State/Zip LNK, NE 68523

☐ Check if owner designed system Home Phone 421-3653 Work Phone 441-6438

C. Contractor

Name Sam Manzitto, Jr Company Name Manzitto Bros

Address 3341 Pioneers Blvd City/State/Zip Lincoln, NE 68506

☐ Check if contractor designed system Work Phone 402-483-2302

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 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.

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☒ County Resolution No. 2832

1. **Health Department** Date rec'd 9/7/05 Date frwd 9/7/05 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold E. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd _____ Date frwd _____ **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 9/7/05 Date frwd 9/7/05 **ACTION** ☒ Approved ☐ Disapproved Signature _____

Line, tank, lateral, pictures 10/25/05 LM

Installation Final Written Approval

By Lynn Mergenthaler

Date 10-25-05

Business Office Use Only

Date Rec'd 9-7-05
Amt Paid 200.00
Rec'd By TW Cash/Check No. 5906

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

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SEP 07 2005

B

Permit Number: 05 3803093

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street) 5901 W Yankee Lake Rd

Address NE¼ 24-9-5 Yankee Lake Acres (no rural route) City Denton NE, Zip 68339

Owner Richard Campos Block 3 Lot 1 Addresss 6221 S. 53rd St Lincoln, NE 68516

Soil Type (SCS): Wymore Percolation Rate: 60 min./inch

Date of Tests 7-13-04 to 7-14-04 Weather: Precipitation 0 Temperature 85°

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*	31	7-13	11:00a	7-13	3:00p	7-14	11:45a	6	7-14	3:45p	30	1/4	—
2	32	"	"	"	"	"	"	"	"	"	"	1 7/8	30/1.88 = 16
3	38	"	"	"	"	"	"	"	"	"	"	1/2	30/0.50 = 60
4	34	"	"	"	"	"	"	"	"	"	"	1 3/4	30/1.75 = 17
5	32	"	"	"	"	"	"	"	"	"	"	1	30/1.00 = 30
6	34	"	"	"	"	"	"	"	"	"	"	1/2	30/0.50 = 60
7*	36	"	"	"	"	"	"	"	"	"	"	1/4	—
8*	22	"	"	"	"	"	"	"	"	"	"	1/8	—
9	34	"	"	"	"	"	"	"	"	"	"	7/8	30/0.88 = 34

Sum of Percolation Rates: 217

Average of Rates: 36

Rate Used for Calculation: 60 - 20 mpi Variance

Person Conducting Percolation Tests

Name: Terri Jakoubek, Raymond Contracting, Inc

Phone: 402-783-2463 or 402-890-3870

Address 13800 NW 70th St provisional

Raymond, NE 68428 Certificate # P1198

* Holes 1, 7, 8 had water remaining in hole overnight.

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hoob R.E.H.S. Date 9/7/05

FORM 23-101 10-96

Lincoln-Lancaster County Health Department
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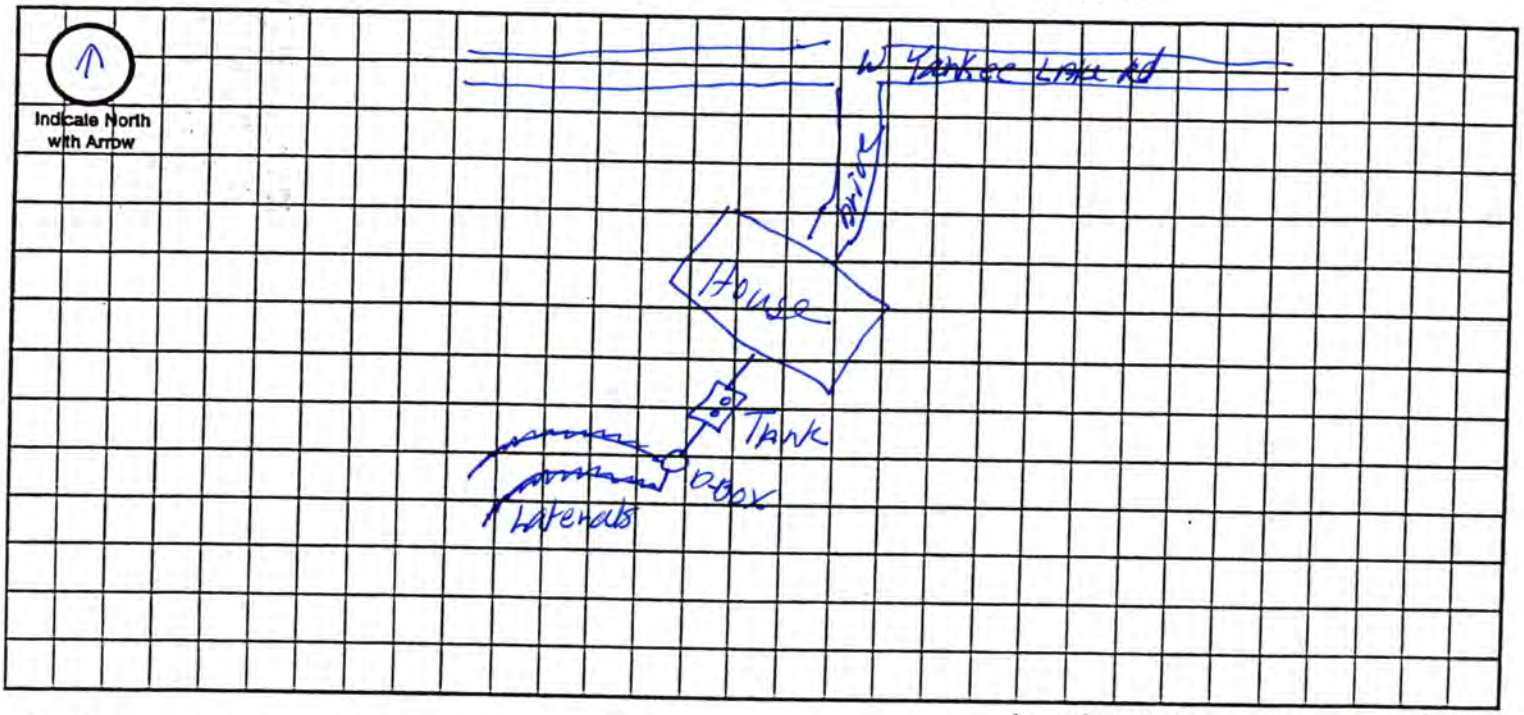
SEP 07 2005

C

Permit Number: 053803093

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) 5901 W Yankee Lake Rd City Denton NE, Zip 68339

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 60 (min. per inch) Soil Type: Waymore Land Slope: _____ %

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

Total Square Feet of Field Required: 1,050 sq. ft.

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

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

Total Length of Laterals 263 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 9-7-05

Installer _____ Date 9-6-05

NOV 0 1 2005

D

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Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 10/25/05 Campos

System Location (Indicate correct number and street)

Address 5901 W Yankee Lake Rd. (no rural route) City Denton NE, Zip 68336

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: [illegible] in.
   or distance below basement floor: 42 in.
3. Distance between dwelling and septic tank: 200' 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 At Grade in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 13 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: 3' ft.

D. Absorption Field

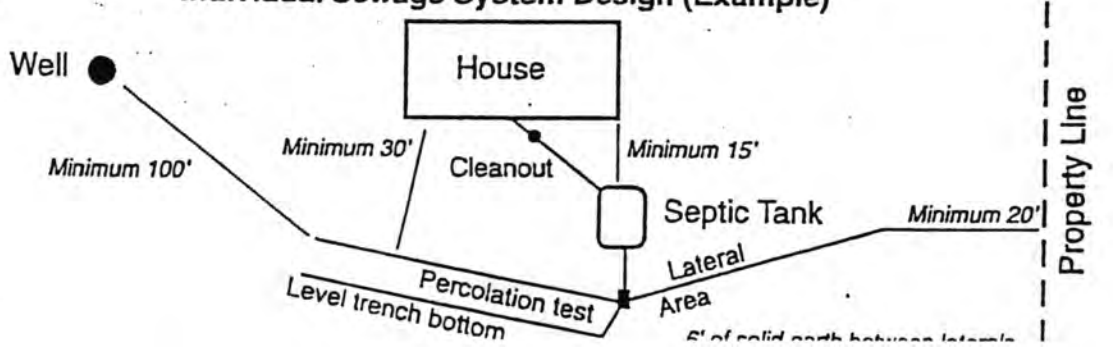
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 34"wide, 12"Tall,
   or perforated pipe:
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other
2. Lateral lines: Number 2
   Length of each line: 137.50 ft. 125 ft.
   ft. ft., ft.
3. Trench dimensions: Width 40" ft.
   Slope Flat in/100 ft.
   Average depth 34" in
4. Filter material: Dirt
   Depth of material 34" in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 50+ 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

