Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008183

(402) 441-8000

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 05380308901

Issued 09/02/05
Expires 09/02/06
Revenue Code 3157

Establishment: DAVID NORE
T7N R8E SEC 8 QTR NW
SW 1/4 OF NW 1/4 LOT 15IT

FEES: $200.00

Permittee: DAVID NORE
1944 E APPLE RD
CORTLAND NE 68331

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

A

Permit Number: 05380308901

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 _____ City _____ NE, Zip _____
(no rural route)

Legal Description SW (1/4) NW (1/4) 8 (Section) 7N (Township) 8E (Range) _____ LOT 15 I.T. (Subdivision) _____ (Addition) ~~PART~~ 91 I.T. (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 DAVID Nore Signature David Nore

Address 1944 E Apple Rd City/State/Zip CORTLAND NE 68331

☐ Check if owner designed system Home Phone 499-3949 Work Phone 309-7303

C. Contractor

Name MIKE REZAC Company Name REZAC CONST.

Address 140 N 1st City/State/Zip Lincoln. NEBR

☐ Check if contractor designed system Work Phone 477-8844

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 9/2/05 Date frwd 9/6/05 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 9/6/05 Date frwd 9/6/05 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 9-6-05 Date frwd 9-6-05 ACTION ☒ Approved ☐ Disapproved Signature Jim Blouzek

11/21/05 Sewer tank + lateral OK

Installation Final Written Approval

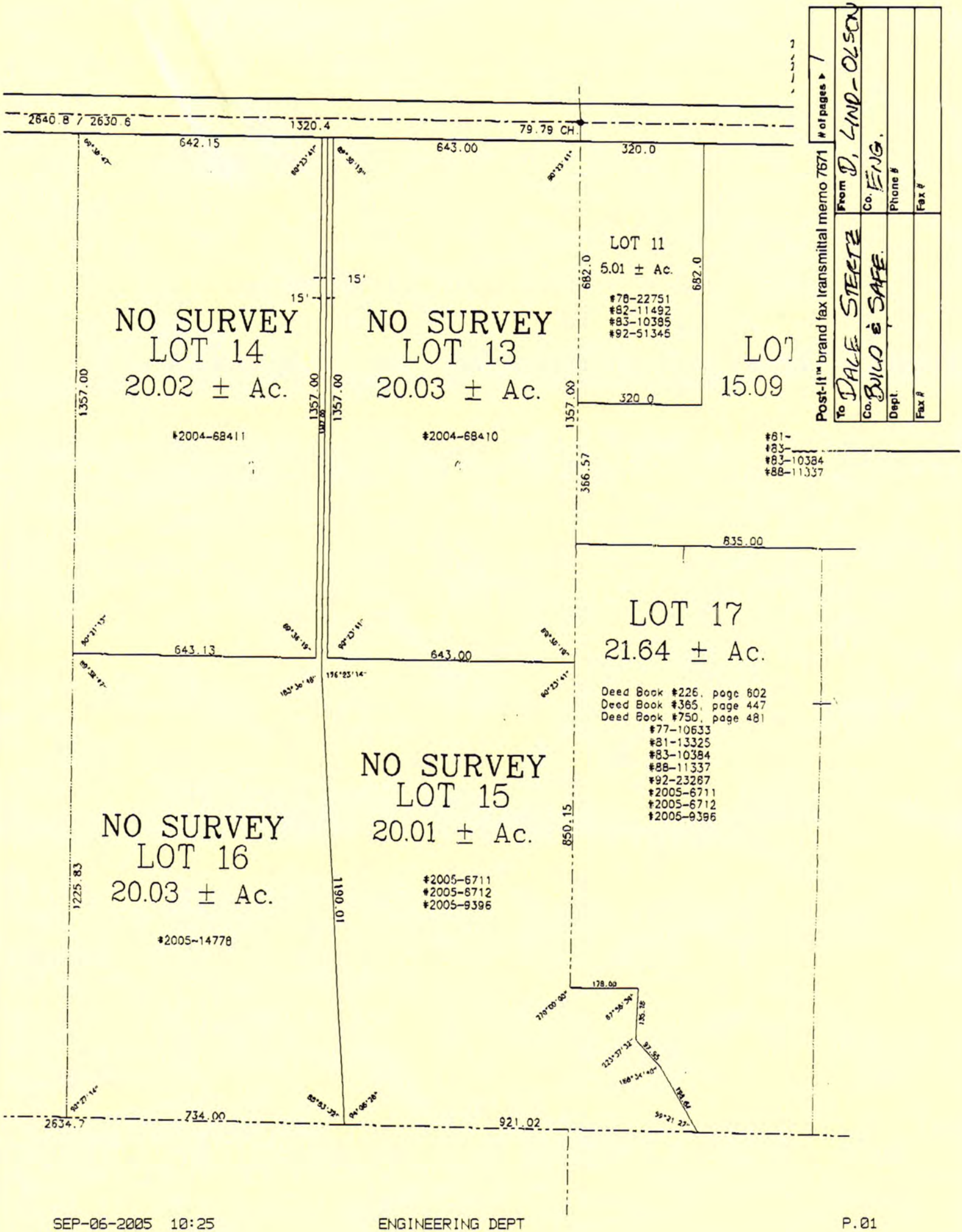
By Jerrold C. Hood R.E.H.S.

Date NOVEMBER 23, 2005

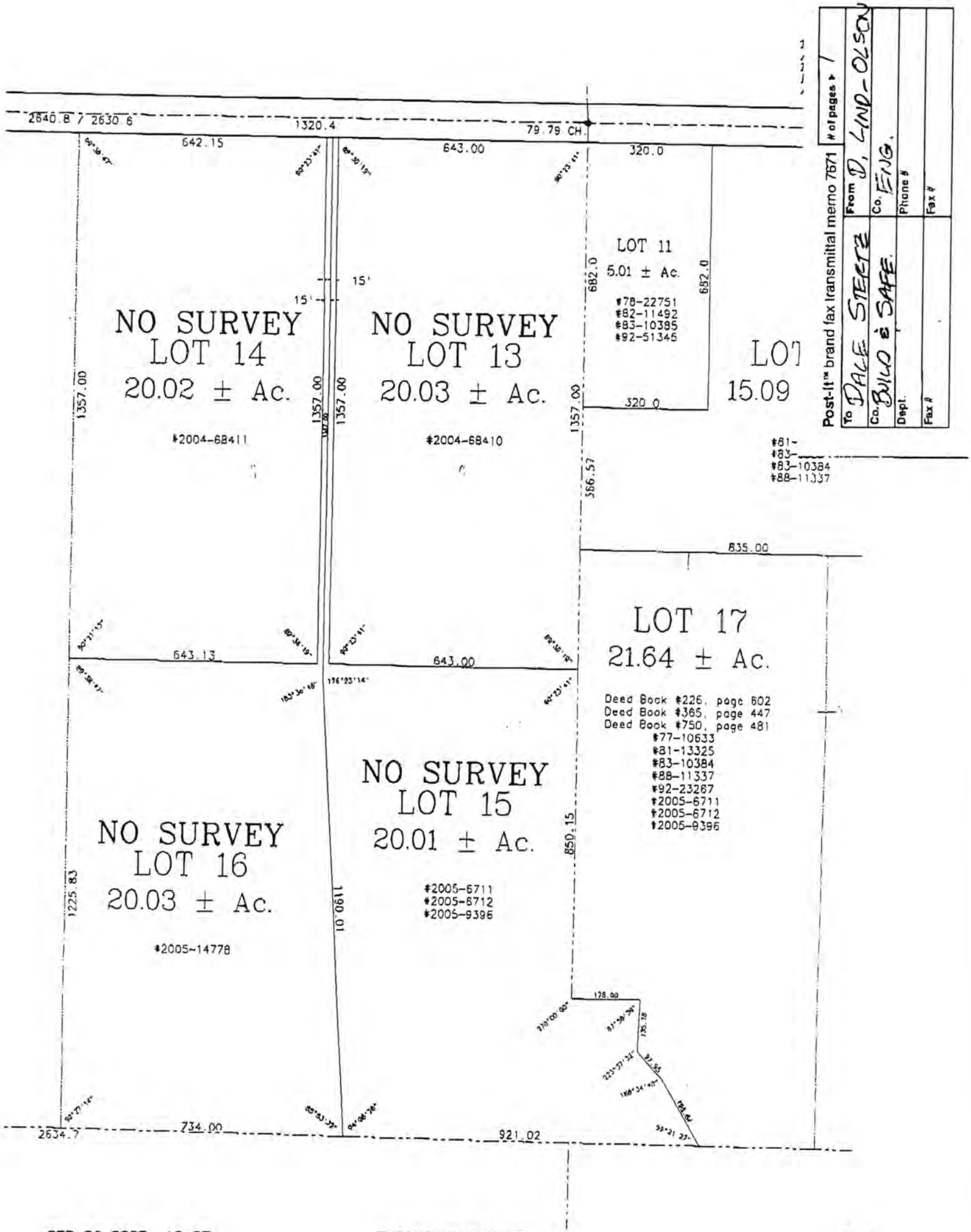
Business Office Use Only

Date Rec'd 09/02/05
Amt Paid 200.00
Rec'd By _____ Cash/Check No. 6686

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



Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 1
To DALE STEETZ | From D. LIND-OLSON
Co. BUD & SAFE. | Co. ENG.
Dept. | Phone #
Fax # | Fax #



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B

Permit Number: 053803089

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address _____ (no rural route) City _____ NE, Zip _____

Owner David Nore Addresss 5810 Markhorn Ct Lincoln, NE 68516

Soil Type (SCS): Wymore Percolation Rate: 21 min./inch

Date of Tests 8-17-05 to 8-18-05 Weather: Precipitation 0 Temperature 99°

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	43	8-17	9:00a	8-17	1:00p	8-18	1:00p	10	8-18	5:00p	30	1 1/4	30/1.25 = 24
2	42	"	"	"	"	"	"	"	"	"	"	1 5/16	30/1.31 = 23
3	41	"	"	"	"	"	"	"	"	"	"	1 1/2	30/1.50 = 20
4	39	"	"	"	"	"	"	"	"	"	"	1 11/16	30/1.69 = 18
5	42	"	"	"	"	"	"	"	"	"	"	1 1/2	30/1.50 = 20
6	40	"	"	"	"	"	"	"	"	"	"	1 9/16	30/1.56 = 19

Sum of Percolation Rates: 124

Average of Rates: 21

Rate Used for Calculation: 21

Person Conducting Percolation Tests

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

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

Address 13800 NW 70th St
Raymond, NE 68428

#P1198

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date SEPTEMBER 2, 2005

FORM 23-101 10-96

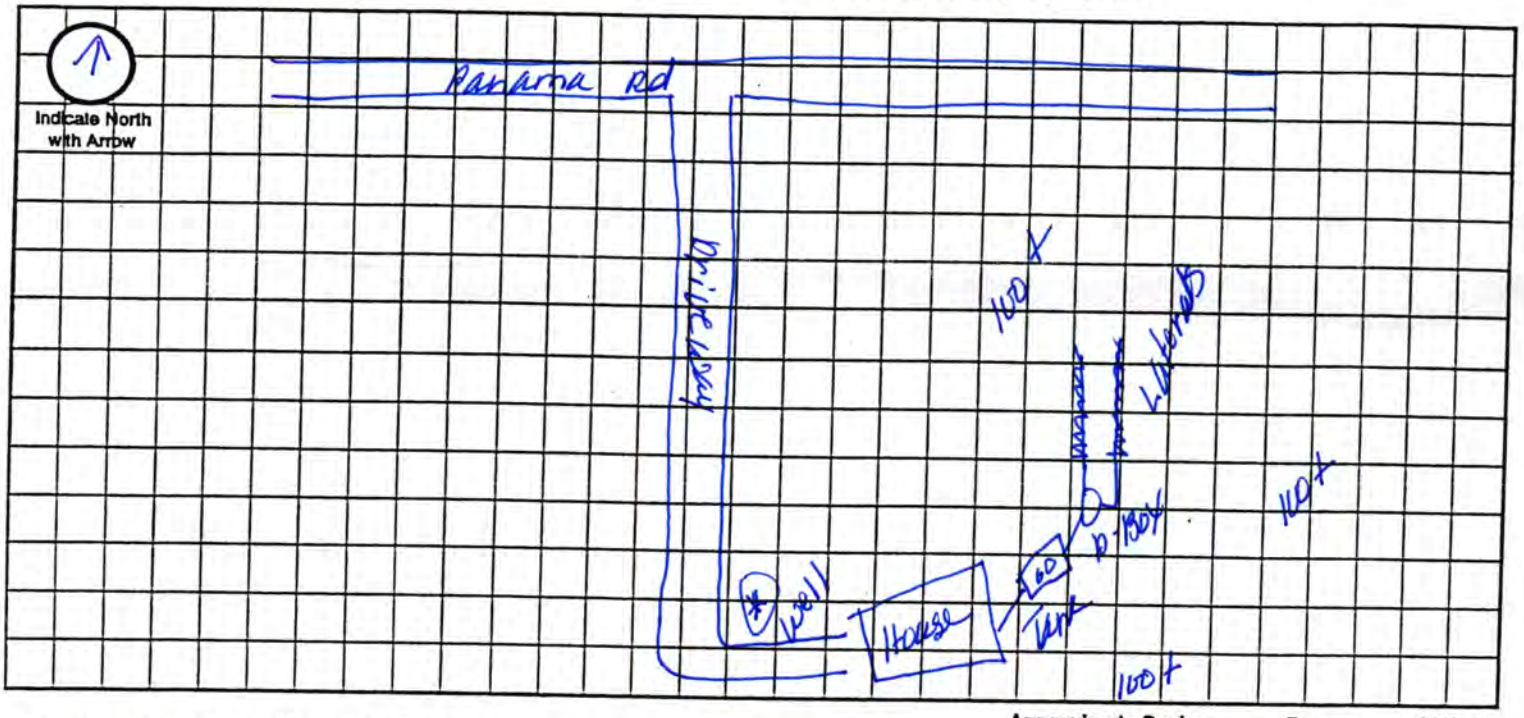
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C

Permit Number: 053803089

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) _____ City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 21 (min. per inch) Soil Type: Wymore Land Slope: _____ %

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

Total Square Feet of Field Required: 750 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 198 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 M Kezar Date 9/1/05

Installer Mark L. Dahlsten Date 8-31-05

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NOV 2 3 2005

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 11/21/05

None

System Location (Indicate correct number and street)

Address 12539 Panama Rd (no rural route) City Hickman NE, Zip 68372

A. Building Sewer

1. Material: class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 18 in.
3. Distance between dwelling and septic tank: 116 ft.
4. Number of clean-outs: 2
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: 16 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

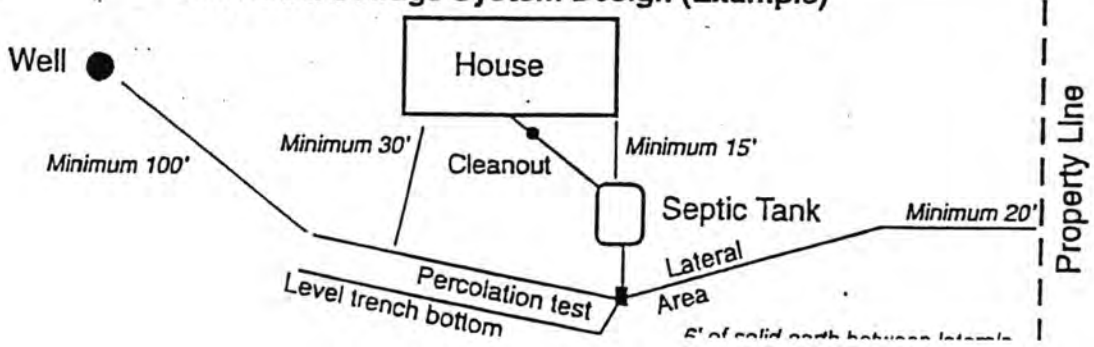
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: 34" wide x 12" Tall
   or perforated pipe: Quick-4
   Material: ☒ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 94 ft. 94 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 40 ft.
   Slope Flat in/100 ft.
   Average depth 30" in
4. Filter material: Dirt
   Depth of material 30" in.
5. Distances to: Well or suction line 100 ft.
   Stream 100 ft.
   Pressure line 100 ft.
   Property line 100 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



As Built Drawing

