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

D

Permit Number: HS000050

Sewage Disposal System
As Built Plans & Specifications

Date 11/26/07

System Location (Indicate correct number and street)
Address 12400 old Cheney Rd. (no rural route) City Lincoln NE, Zip 68461

A. Building Sewer

1. Material: SDR 26
   Diameter: 4" in.
2. Distance above basement floor: ____ in.
   or distance below basement floor: ____ in.
3. Distance between dwelling and septic tank: 144 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 2-End Ap.
   Number available outlets: 6
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 6' - 16' ft.

D. Absorption Field

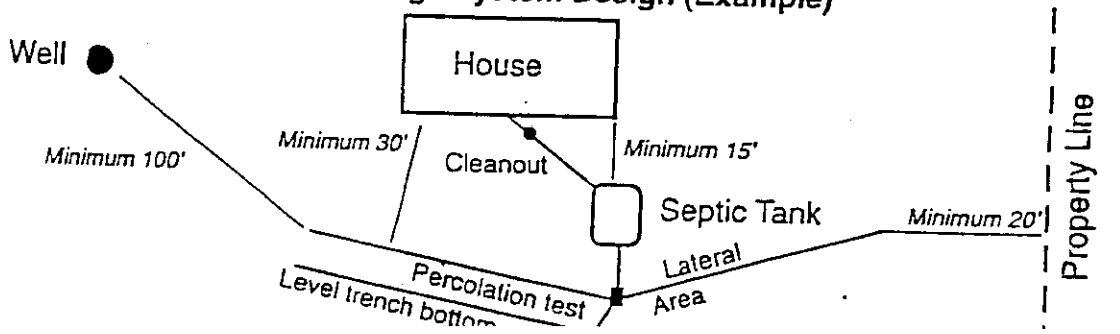
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 12" Tall 34" wide
   or perforated pipe: ____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other ____
2. Lateral lines: Number 2
   Length of each line: 141' ft. 136' ft.
   ____ ft. ____ ft., ____ ft.
3. Trench dimensions: Width 40" ft.
   Slope Flat in/100 ft.
   Average depth 27" - 32" in
4. Filter material: Dirt
   Depth of material 27" - 32" 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

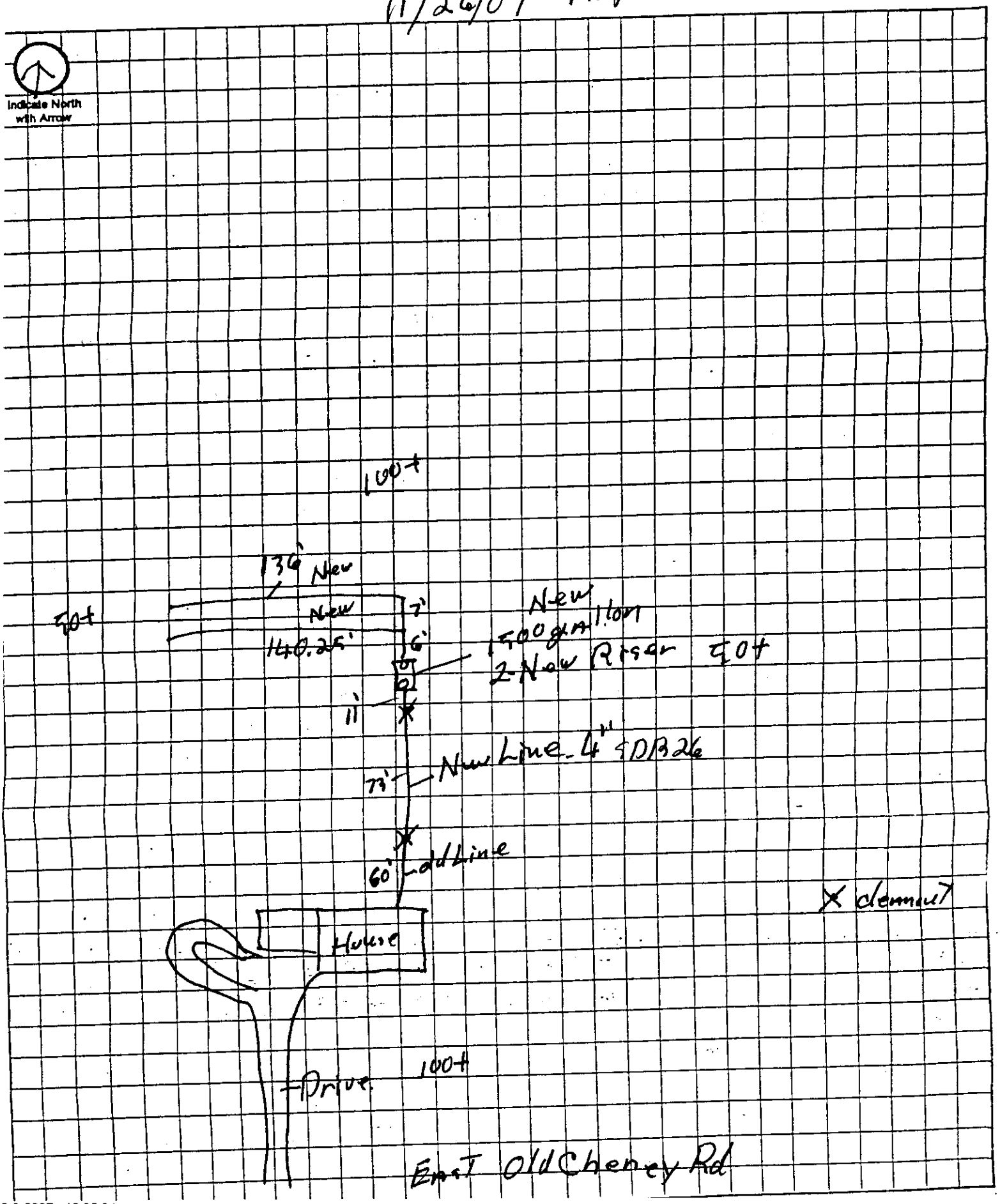
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



As Built Drawing

11/26/07 Raymond Contracting.



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

B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 12400 Old Cheney Rd (no rural route) City Lincoln NE, Zip 68461

Owner Bruce + Jodi Kucera Addresss Same

Soil Type (SCS): Strawnesburg / Wymore Percolation Rate: 40 min./inch

Date of Tests 11-17-07 to 11-18-07 Weather: Precipitation 0 Temperature 56

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	25	11-17	10:30a	11-17	2:30p	11-18	12:00p	6	11-18	4:00p	30	5/8	48
2	27	"	"	"	"	"	"	"	"	"	"	13/16	37
3	34	"	"	"	"	"	"	"	"	"	"	7/8	34
4	30	"	"	"	"	"	"	"	"	"	"	3/4	40
5	28	"	"	"	"	"	"	"	"	"	"	3/4	40
6	27	"	"	"	"	"	"	"	"	"	"	11/16	43
7	45	"	"	"	"	"	"	"	"	"	"	7/16	68 F*

Sum of Percolation Rates: 242
Average of Rates: 40
Rate Used for Calculation: 40

Person Conducting Percolation Tests

Name: Terri Jakoubek, Raymond Contracting, Inc
Phone: 402-783-2663 or 402-890-3878
Address 13800 NW 70th St
Raymond, NE 68428 # C1198

* Hole # 7 not used

DO NOT WRITE BELOW THIS LINE

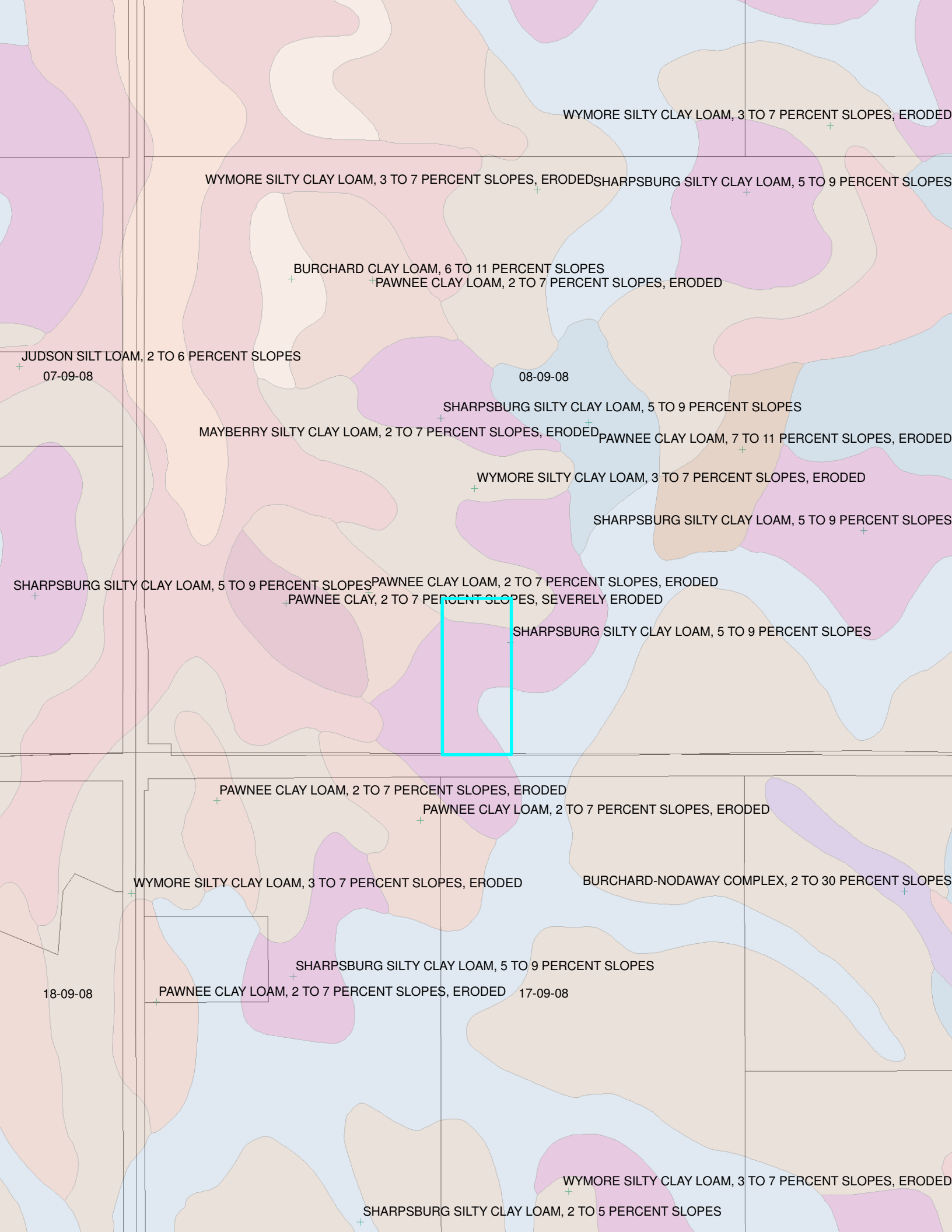
Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

12-3-2007 12:34:23


WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
BURCHARD CLAY LOAM, 6 TO 11 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
07-09-08
08-09-08
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
MAYBERRY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
18-09-08
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
17-09-08
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES

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

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000050

System Type: STANDARD

Situs: No Situs

Legal Description: T09N-R08E-S08-SW-Lot: 11

Owner: KUCERA, BRUCE J
12400 OLD CHENEY RD
LINCOLN NE
68461

Permit Fee:	$305.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$305.00
Issued:	11/29/2007
Expires:	11/28/2008

Bruce D. Dart, PhD, Health Director

On-site Waste System Permit Holder:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Bruce D. Dart, PhD
Health Director

KUCERA, BRUCE J
12400 OLD CHENEY RD
LINCOLN NE 68461