Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

011017

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 07380334601

Issued 06/11/07
Expires 06/11/08
Revenue Code 3157

Establishment

ASPEN BUILDERS
T12N R5E SEC 22
N BRANCHED OAK EST-1 LOT 1
19455 NW 86 ST-RAYMOND

FEES: $290.00

Permittee

ASPEN BUILDERS
1640 NORMANDY CT
APT A
LINCOLN NE 68512

TOTAL: $290.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

JUN 08 2007

A

$270

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

Permit Number: 07380334601

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

4.26 acres

A. System Location (Indicate correct number and street)

Address 19455 NW 86th st (no rural route) City Raymond NE, Zip 68428

Legal Description LCR 5983 — 1/4 22 — 1/4 12 — Section 5 — Township N. BRANCHED OAK ESTATES — Range 1st — Subdivision Addition — Block 1 — Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Aspen Builders Signature X _____

Address 1640 NORMANDY CRT City/State/Zip LINCOLN, NE 68512

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

C. Contractor

Name Bob Benes Company Name Aspen Builders

Address 1640 Normandy Ct City/State/Zip Lincoln NE 68512

☒ Check if contractor designed system Work Phone 402 423-6811

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

Designer Name _____ Firm _____ Work Phone _____

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 6/11/07, Date frwd 6/11/07 — ACTION ☑ Approved ☐ Disapproved — Signature _____
2. **Supt. Bldg. Insp. or Village Clerk** — Date rec'd 6/11/07, Date frwd 6/11/07 — ACTION ☒ Approved ☐ Disapproved — Signature _____
3. **City or County Engineer** — Date rec'd 6-11-07, Date frwd 6-11-07 — ACTION ☒ Approved ☐ Disapproved — Signature Jim Flowers

Installation Final Written Approval

By _____

Date 12/14/2007 Fence, Gate & Signs ok.

Business Office Use Only

Date Rec'd 6/11/07

Amt Paid 290.00

Rec'd By CW Cash/Check No. 15866

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

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 19455 NW 86th St (no rural route) City Raymond NE, Zip 68428

Owner Aspen Builders Addresss 1640 Normandy Crt. Ste A

Soil Type (SCS): PAC2 Percolation Rate: _____ min./inch

Date of Tests 6-5 to 6-6 Weather: Precipitation None Temperature 75°

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	36	6-5	3 PM	6-6	8 AM	6-6	8:10	26"	6-6	8:46	30	1/2"	60
2	36						8:12	30"		8:42		9/16"	54
3	36						8:14	24"		8:44		1/2"	60
4	36						8:16	22"		8:46		1/2"	60
5	36						8:18	25"		8:48		9/16"	54
6	36						8:20	27"		8:50		1/2"	60

Person Conducting Percolation Tests

Name: Bob Bauer

Phone: 416-9660

Address 1640 Normandy Ct
Lincoln NE 68512

Sum of Percolation Rates: 348

Average of Rates: 58

Rate Used for Calculation: 60

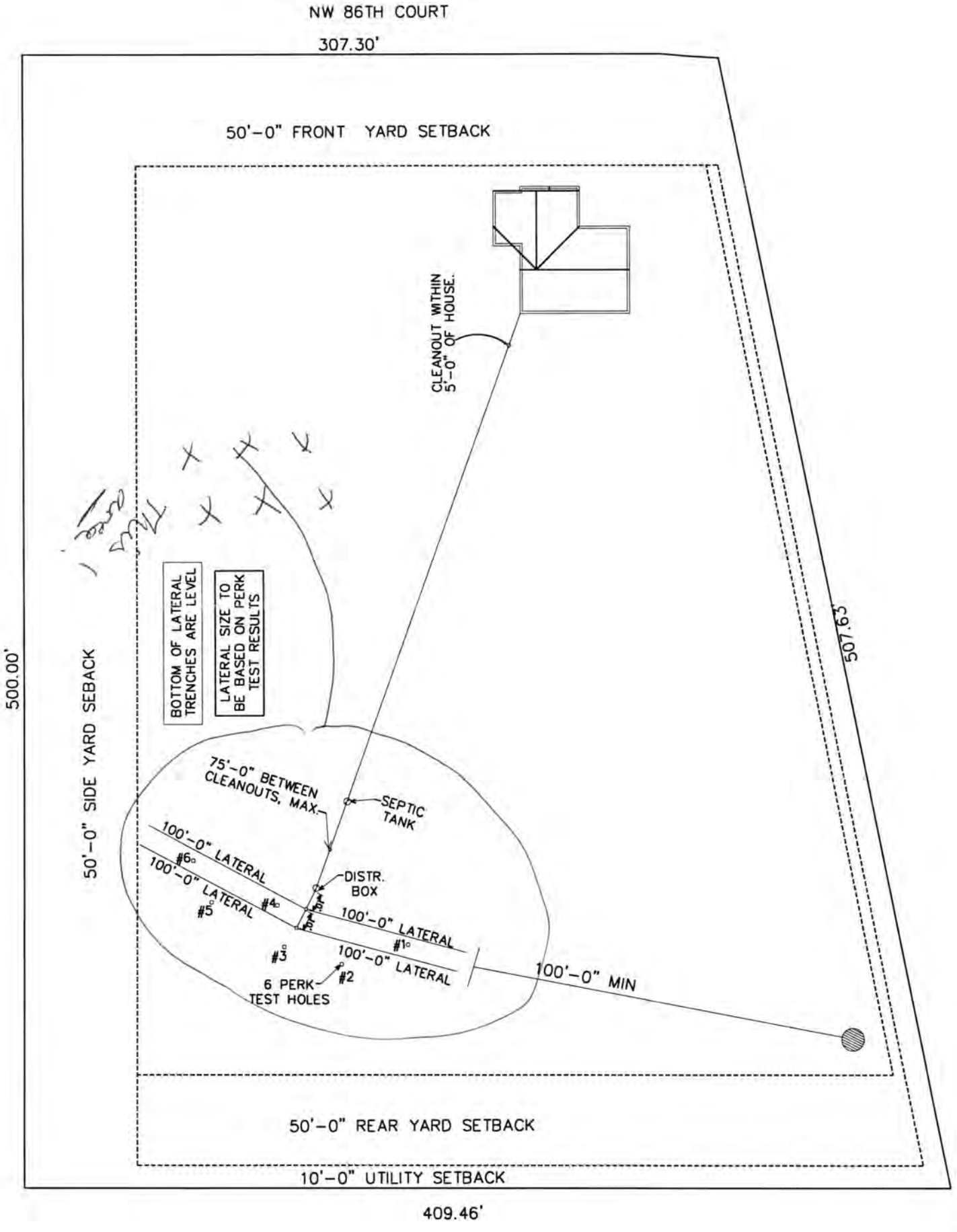
DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks Much fine soil on the property. System is already oversized. Will call installer to give heads-up.

Signature of Reviewing Official _____ Date 6/11/07

FORM 23-101 10-96


NW 86TH COURT
307.30'
50'-0" FRONT YARD SETBACK
CLEANOUT WITHIN 5'-0" OF HOUSE.
BOTTOM OF LATERAL TRENCHES ARE LEVEL
LATERAL SIZE TO BE BASED ON PERK TEST RESULTS
500.00'
50'-0" SIDE YARD SEBACK
507.63'
75'-0" BETWEEN CLEANOUTS, MAX.
SEPTIC TANK
100'-0" LATERAL
#6
100'-0" LATERAL
#5
#4
DISTR. BOX
100'-0" LATERAL
#1
100'-0" LATERAL
#3
#2
6 PERK TEST HOLES
100'-0" MIN
50'-0" REAR YARD SETBACK
10'-0" UTILITY SETBACK
409.46'

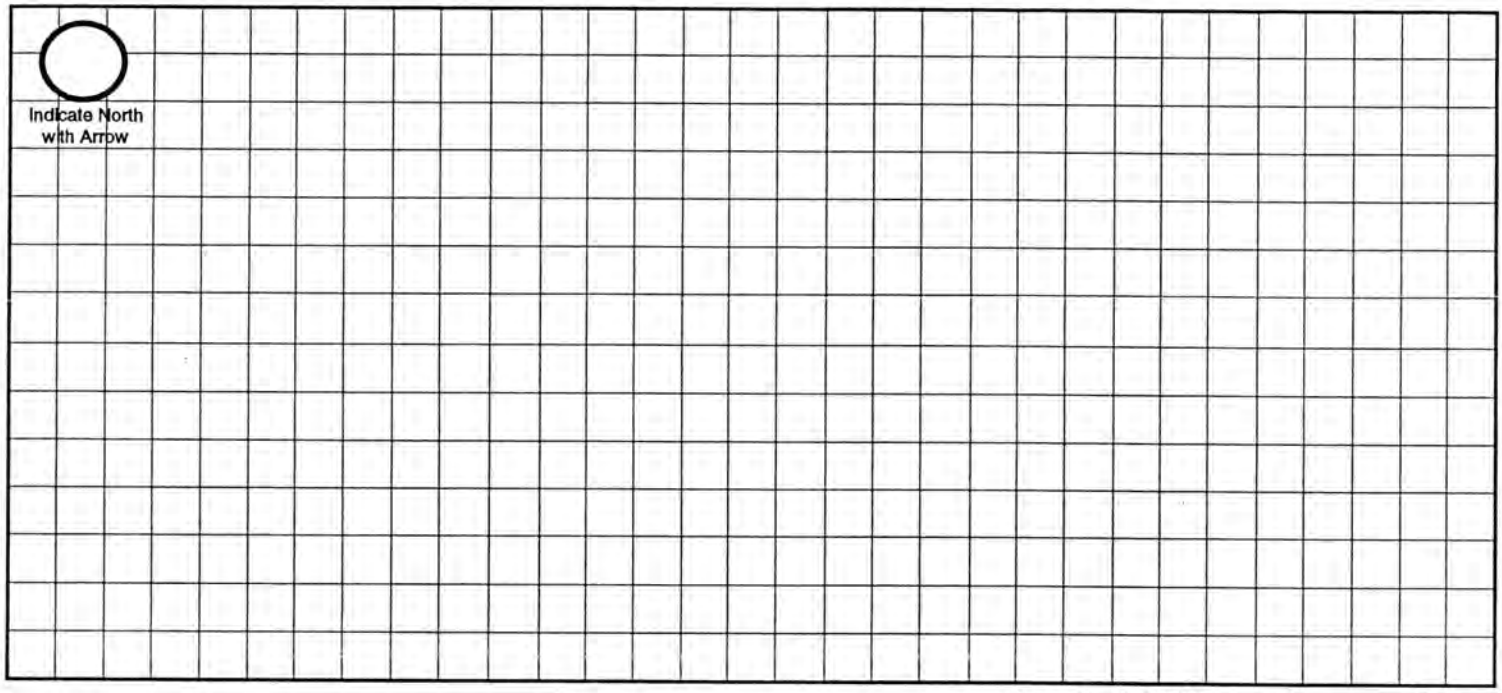
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C

Permit Number:

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) 19455 NW 86th st City RAYMOND NE, Zip 68428

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: Pacz Land Slope: 1 %

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

Total Square Feet of Field Required: 1400 sq. ft. 1050 required

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: gravelless 32"

Capacity of Septic Tank 1250 gals Number of Absorption Beds: ~~1~~ Number of Distribution Laterals per Bed _____

Total Length of Laterals 350' ft. Number of Trenches 3 Trench Width 3'

1050 is required however if they finish the Basement?

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 6-6-07

Installer _____ Date 6-6-07

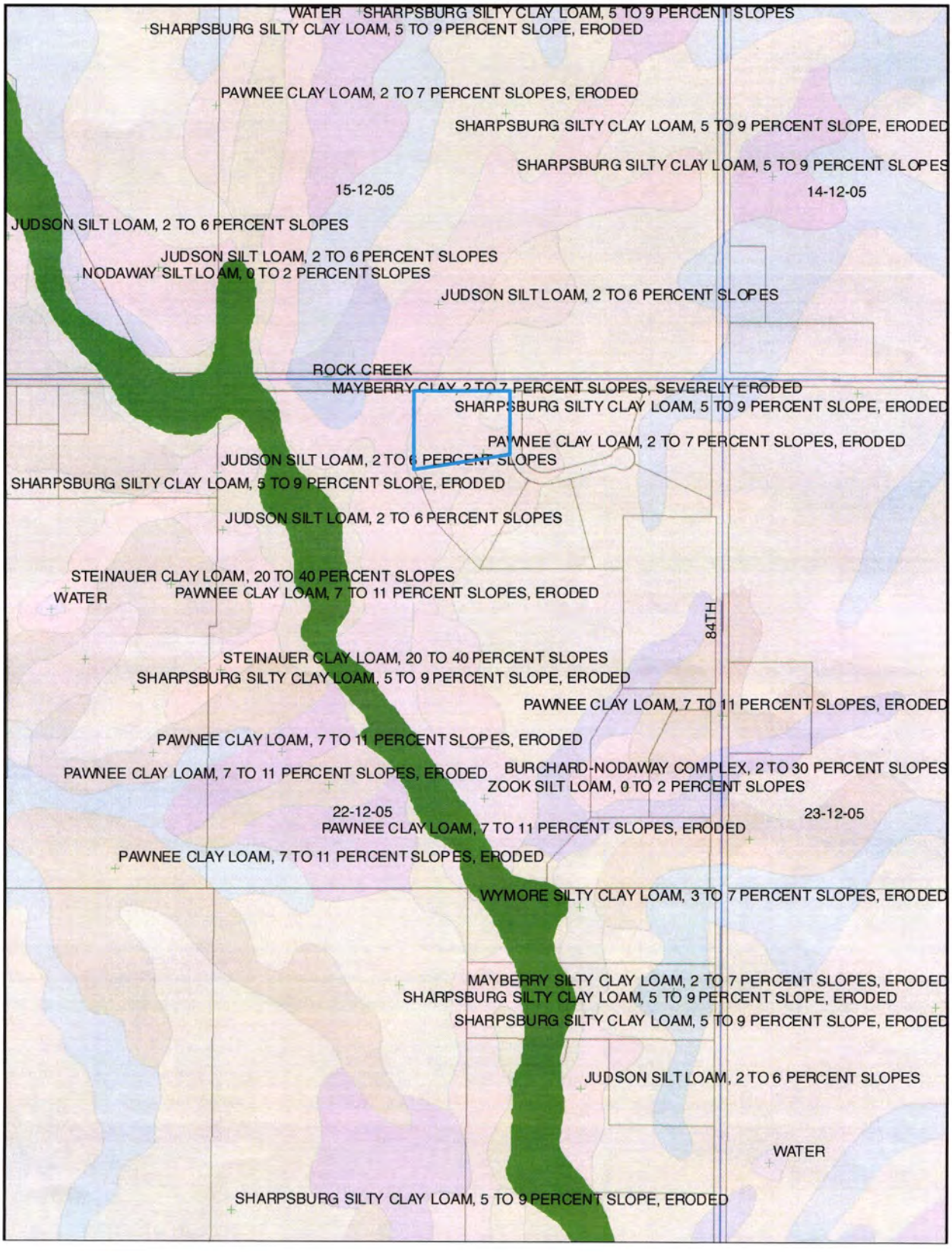
FORM 23-102 10-96

19455 NW 86th Street



12/14/2007 (Fri), 3:42 PM

LLCHD Permit No. 07380334601


WATER
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES
15-12-05
14-12-05
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
ROCK CREEK
MAYBERRY CLAY, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
STEINAUER CLAY LOAM, 20 TO 40 PERCENT SLOPES
WATER
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
84TH
STEINAUER CLAY LOAM, 20 TO 40 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
ZOOK SILT LOAM, 0 TO 2 PERCENT SLOPES
22-12-05
23-12-05
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
PAWNEE CLAY LOAM, 7 TO 11 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
MAYBERRY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
WATER
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED