# LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

3140 "N" STREET
Lincoln, NE 68510-1514
ENVIRONMENTAL HEALTH DIVISION
(402) 441-8000

NON TRANSFERABLE

## PERMIT

Permit No. 97390055501

SEWAGE SYSTEM REPAIR

Issued 06/17/97
Expires 12/17/97
Revenue Code 18754

Establishment

LARRY SINTEK
T12N R6E SEC 28

FEES: $50.00

TOTAL $50.00

Permittee

LARRY SINTEK
6710 N 7 ST
LINCOLN NE 68531-8935

Issued By M. Jane Ford
Health Director

4840

**THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW "POST IN A PROMINENT PLACE"**

FORM HD-41(73) APPLICATION FOR PERMIT TO ALTER, EXTEND OR REPAIR INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 ☐

County Resolution No. 2832 ☒

Lincoln-Lancaster County
HEALTH DEPARTMENT

3140 "N" STREET LINCOLN, NE 68510-1514

FILE NO. 973900555

TO: Division of Environmental Health
Lincoln-Lancaster County Health Dept.

DATE: 6-13-97

3343

The undersigned hereby applies for a permit to ALTER ☐, EXTEND ☐, or REPAIR ☒ an existing Individual Sewage Disposal System, in conformance with appropriate Ordinance or Resolution, as described in this application and drawings attached hereto.

1. Legal description of property: Twp. 12N ; Range 6E ; Section 28 ;
Block _____; Lot _____; Addition 20 Acres
Street Address 1905 W. Davey Rd

2. Property Use: Residential _____ ☒; Commercial _____ ☐
No. Bedrooms 3 Describe _____
Other Use ☐
Describe _____

3. Type of existing Individual Sewage Disposal System: Septic Tank ☐; Other ☐

4. Description of proposed alteration, extension or repair: 100 of new lateral

5. Work to be done by: Owner ☐ ; or Contractor ☐ , Sintel Serv
Contractor's Name

6. Estimated cost of project:

| | |
|---|---|
| a. Materials | $ >400 ea |
| b. Labor | $ |
| c. Other | $ |
| TOTAL | $ |

Larry Smith
Signature of Applicant (owner or lessee)

Address

(Do not write below this line)

REVIEWING ACTION

1. Date Rec'd: 6-13-97 #2399
Filing Fee: $ 50.00 cc

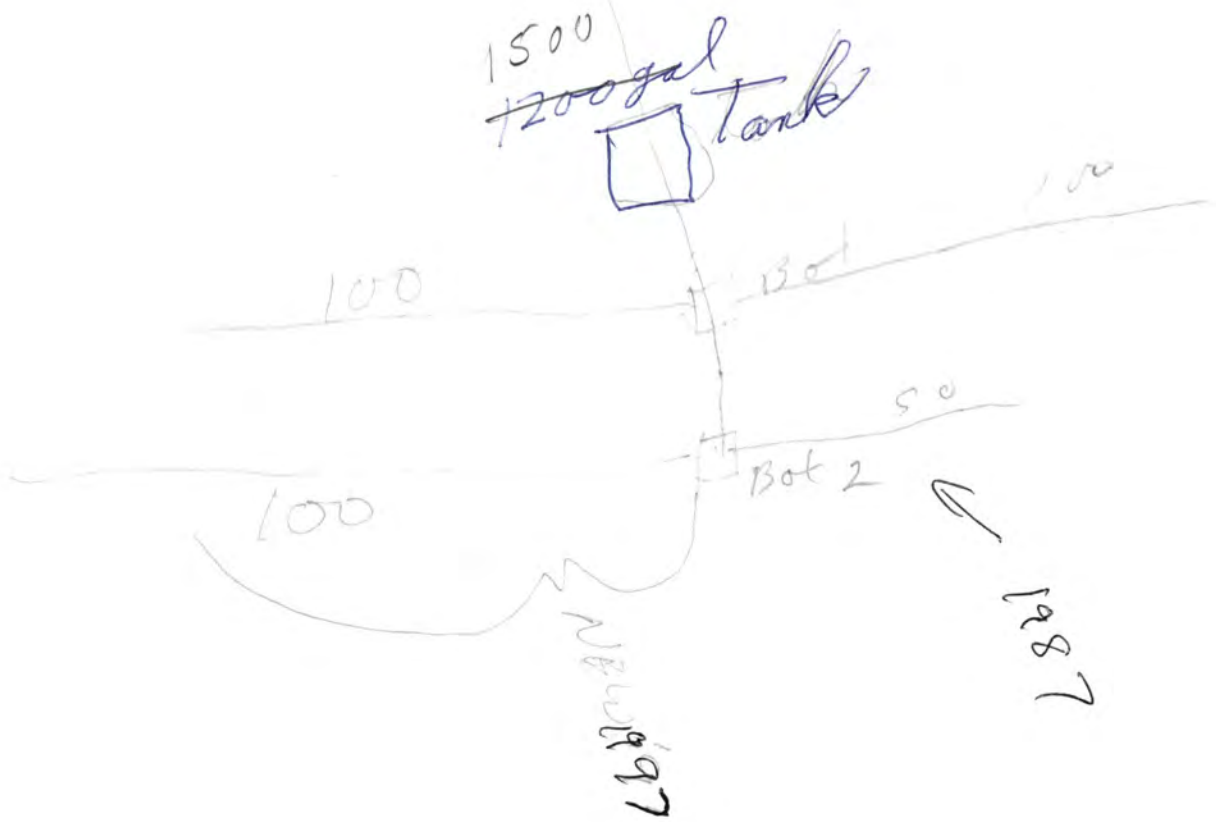
2. Site Visits:
Date: 6-13-97 by: [illegible] (this south run appears to be in Pawnee clay loam)
Date: _____ by: _____
Date: _____ by: _____

3. Date: Approved ☒; Disapproved ☒
by: [illegible]

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: _____ by: _____

(No percolation test was conducted in this area)

Severe limitations because this lateral appears to be in Pawnee clay loam.


1500
~~1200gal~~ Tank
100
Bot
50
Bot 2
100
Valve
987

8-6-97

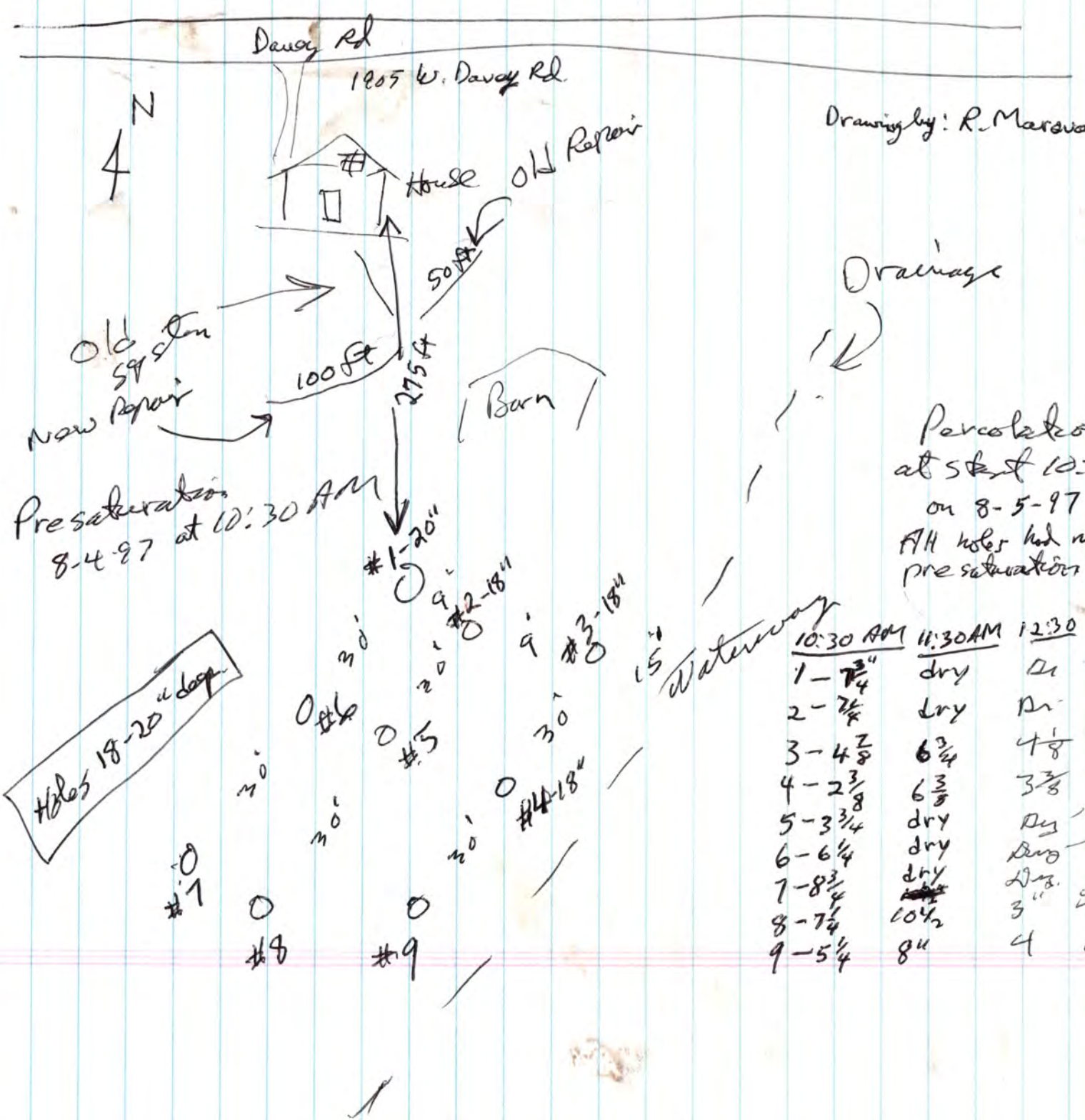
Witnessed Percolation test for 1905 W. Davey Rd.

It is the understanding of the LLCHD that an evaluation of the soil be made to prepare for possible future expansion of the present septic system at 1905 W. Davey Rd. Field staff with LLCHD witnessed the percolation test conducted by Harry Sintek. The percolation test passed with a rate faster than 60 min/inch. (The test results and drawing of area in relation to the house are in the file.)

The soil appears to be Shrewsbury silty clay loam as indicated by the soil survey map of Lancaster County.

It should be noted that this percolation test passed at a depth of 18 to 20 inches of soil. The drain field lateral for a future septic system expansion, should it be needed, must be installed at a depth of 18 to 20 inches and no deeper, and in the location indicated on the drawing.

Ron Mongeau




Drawing by: R. Marquart

Percolation test
at start 10:30 AM
on 8-5-97
All holes had no water from presaturation

| | 10:30 AM | 11:30 AM | 12:30 | 1:30 | 2:30 |
|---|---|---|---|---|---|
| 1 | 7 3/4" | dry | dry | 1"-5" | 6 3/4" → 9 1/2" = 2 3/4" |
| 2 | 2 1/4 | dry | dry | 1-5" | 6 1/2 → 9 3/8 = 3 1/4 |
| 3 | 4 7/8 | 6 3/4 | 4 1/8 | 4-2" | 3 7/8 → 5 1/2 = 1 5/8 |
| 4 | 2 3/8 | 6 3/8 | 3 3/8 | 2-4" | 3 1/2 → 6" = 2 1/2 |
| 5 | 3 3/4 | dry | dry | 5 1/2" | 3 5/8 6 5/8 = 3" |
| 6 | 6 1/4 | dry | dry | 5" | 6 9" = 3 |
| 7 | 8 3/4 | dry | dry | 5" | 7 3/8 dry = 6 |
| 8 | 7 1/4 | 10 1/2 | 3" | 5" | 6 5/8 → 9 1/8 = 2 1/2 |
| 9 | 5 1/4 | 8" | 4 | 2" | 4 3/4 → 7' = 2 1/4 |

**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

Percolation test conducted about 275 ft southeast of corner of house for future expansion of present septic system

### System Location (Indicate correct number and street)

Address 1905 W. Davey Rd (no rural route) City Davey NE, Zip

Owner Phillip Knaub Addresss

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

Date of Tests 8-4-97 to 8-5-97 Weather: Precipitation None Temperature 90°F

## 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 | 18-20" | 8/4 | 10:30 | 8/4 | 2:30 | 8-5 | 1:30 | 6 | 8-5 | 2:30 | 60 | 2 3/4 | 22 |
| 2 | " | " | " | " | " | " | " | " | " | " | " | 3 1/4 | 18 |
| 3 | " | " | " | " | " | " | " | " | " | " | " | 1 5/8 | 37 |
| 4 | " | " | " | " | " | " | " | " | " | " | " | 2 1/2 | 24 |
| 5 | " | " | " | " | " | " | " | " | " | " | " | 3" | 20 |
| 6 | " | " | " | " | " | " | " | " | " | " | " | 3" | 20 |
| 7 | " | " | " | " | " | " | " | " | " | " | " | 6 | 10 |
| 8 | " | " | " | " | " | " | " | " | " | " | " | 2 1/2 | 24 |
| 9 | " | " | " | " | " | " | " | " | " | " | " | 2 1/4 | 27 |
| | | | | | | | | | | | | | 202 |

### Person Conducting Percolation Tests

Name: Larry Siatek
Phone: 435-8868
Address 6720 NO 7th RT 5
Lincoln NE 68521

9 ) 202 (22 18 22 36 36

Sum of Percolation Rates: 202
Average of Rates: 22
Rate Used for Calculation: 37 min/inch

DO NOT WRITE BELOW THIS LINE

### Reviewing Action

Remarks the "poc" test holes farther up the slope gave faster rates.

Signature of Reviewing Official Ron Maynard Date 8-5-97

FORM 23-101 10-96

AGRONOMY DEPARTMENT ANALYTICAL LABORATORY
UNIVERSITY OF NEBRASKA-LINCOLN

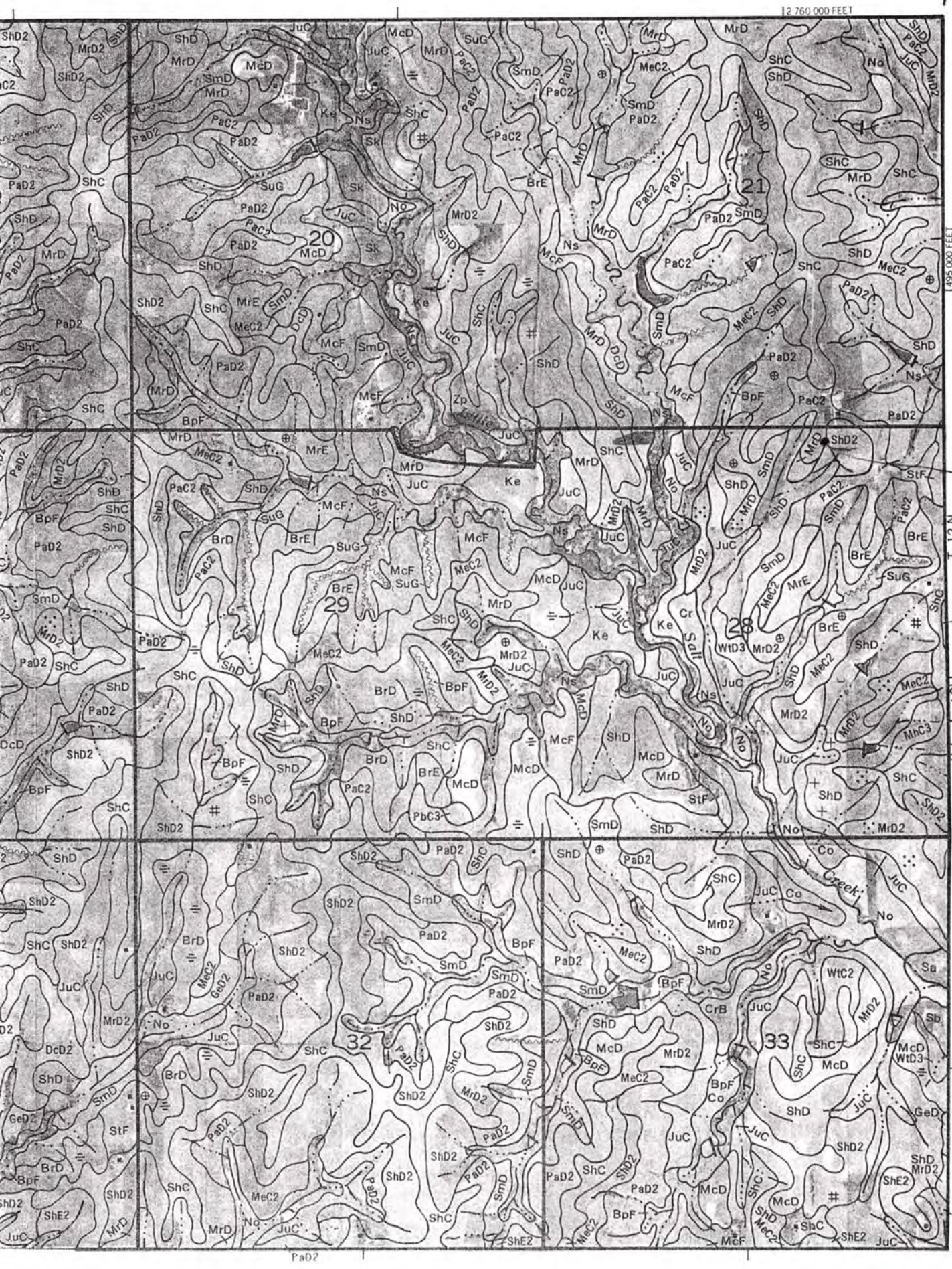
NAME. . . Sintek
ADDRESS . 6710 N 7th
Lincoln, NE

REF M-27-97
PA 1

| | SAMPLE IDENT. | PERCENT SAND | PERCENT COARSE SILT | PERCENT FINE SILT | PERCENT VERY FINE SILT | PERCENT CLAY | TEXTURAL CLASS |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 21.79 | 14.58 | 25.37 | 4.32 | 33.94 | CLAY LOAM |

** SAMPLE MARKED "6/23/97"

TY, NEBRASKA — SHEET NUMBER 8



# Lincoln-Lancaster County Health Department

3140 "N" Street, Lincoln, Nebraska 68510 Phone: 441-8022

## REAL ESTATE TRANSFER/LOAN APPROVAL FORM

FOR PROPERTY IN **LANCASTER COUNTY** ONLY

This form must be completed and returned with payment to request a real estate transfer inspection.

**MAKE CHECK PAYABLE TO:** "Lincoln-Lancaster County Health Department" or "LLCHD"

☐ Enclosed is $150.00. Allow two weeks for processing. Incomplete information will delay processing.

Legal Description of Property: Street Address 1905 W. Davey Rd

Twp 12N Range 6E Section 28 1/4 ___ 1/4 ___ Block ___ Lot ___ Addition 20 acres

Directions to Property _____

Location of Well _____ Tap Location: Inside ☐ Outside ☐

Location of Sewage System _____ Year Installed _____

| | NAME | ADDRESS | PHONE |
|---|---|---|---|
| Present Owner: | Phillip + Joyce KNAUB | 1905 W. DAVEY RD | H02 435-5428 cel W30-8274 |
| Tenant/Buyer: | | | |
| Return to: | Phillip KNAUB | 1905 W. DAVEY RD | H35-5428 cel W30-8274 |

Signature of Applicant Joyce Knaub Address 1905 W DAVEY RD Date 6 / 13 / 97

### HEALTH DEPARTMENT USE ONLY

**RECEIVED**

Date 06 / 13 / 97

Initials JS

Amount 150 ⁰⁰

Check No. 2400

**DATA ENTRY**

Date ___/___/___

Case No. _____

Initials _____

**PRELIMINARY STATUS--By** Ron Moravant **DATE:** 6 / 13 / 97

| **WATER SYSTEM:** | Approved | Disapproved |
|---|---|---|
| Construction | ☒ Corrected | ☒ electrical conduit |
| Bacteria | ☒ 0 /ml | ☐ ___ /ml |
| Nitrate | ☒ 0.4 ppm | ☐ ___ ppm |

| **SEWAGE SYSTEM** | |
|---|---|
| Approved | ☐ |
| Provisional | ☐ |
| Disapproved | ☒ Sewage violation |

**Additional Site Visits**

Date 7 / 10 / 97 by RM

Date ___/___/___ by ___

Date ___/___/___ by ___

**Comments**: The 100 ft drainfield extension (1997) follows a 1987 50 ft extension on the original Septic system serving this home. The most recent (1997) extension appears to be in Fairmont Clay loam soil with severe limitations. Thus, a provisional approval. Recommend checking to see if septic tank needs pumping. The 1997 Repair Permit is not approved. ☐ See Attached Letter

**FINAL STATUS**

**WATER SYSTEM:** Approved ☒ **SEWAGE DISPOSAL SYSTEM:** Approved ☐ Provisional Approval ☒

Approved by Ron Moravant, RS. Date 7 / 16 / 97

Approval or disapproval is based on State and local standards for construction, location and water quality. Inspection is based on visible construction and operation at the time of inspection. Approval or provisional approval does not imply or express a guarantee of system operations.

White - Applicant after approval Yellow - Environmental Health Pink - Business Office

Revised/Reprint: 10-95