JUN 7 2000

Nebraska Department of Environmental Quality

Construction Permit No. 00OWT007

is hereby issued to

Frank Dush

for the

On-site wastewater treatment System

located at

NW 1/4 of the NE 1/4 of Section 26, Township 10 N, Range 7 E
111 Anthony Lane
Lincoln, Lancaster County, NE.

Pursuant to a Delegation Memorandum dated January 12, 1999, and signed by the Director, the undersigned hereby executes this document on behalf of the Director.

Signed 6/4/00

Patrick W. Rice

Patrick W. Rice, Assistant Director

Suite 400, The Atrium, 1200 "N" Street, P. O. Box 98922, Lincoln, Nebraska, 68509-8922
Phone (402) 471-2186, Fax (402) 471-2909, e-mail Pubinfo@mail.deq.state.ne.us

STATE OF NEBRASKA

DEPARTMENT OF ENVIRONMENTAL QUALITY
Suite 400, The Atrium
1200 'N' Street
P.O. Box 98922
Lincoln, Nebraska 68509-8922
Phone (402) 471-2186

Mike Johanns
Governor

June 1, 2000

Mr. Frank Dush
111 Anthony Lane
Lincoln, NE 68520

RE: Construction Permit No. 00OWT007
Onsite Wastewater Treatment System
111 Anthony Lane
NW1/4, NE1/4, Sec. 26, T10N, R7E
Lincoln, Lancaster County

Dear Mr. Dush:

Documents describing the above-referenced project have been approved and stamped accordingly. Pursuant to Neb. Rev. Stat. Sec. §81-1506(2)(Reissue 1987), a permit for construction (enclosed) is hereby granted.

Compliance with minimum sanitary engineering design criteria was the only consideration in the review of this project and items such as quality of material, structural soundness, electrical and mechanical design features were not considered unless specifically noted in the review comments. However, this approval does not in any way release the owner from the responsibility of providing an operable facility.

Construction shall be as described in the approved documents. If, for any reason, major changes are necessary, written approval must be obtained from this Department before proceeding.

One set of documents is being made a part of this Department's records, and the remaining documents are being returned to you.

Please complete, sign and return the enclosed card as soon as the information is available. Signature of this card verifies construction is in compliance with the approved plans and specifications. The Department will then issue an operating permit for the On-site Wastewater Treatment System. If you have any questions please contact me at (402) 471-2580.

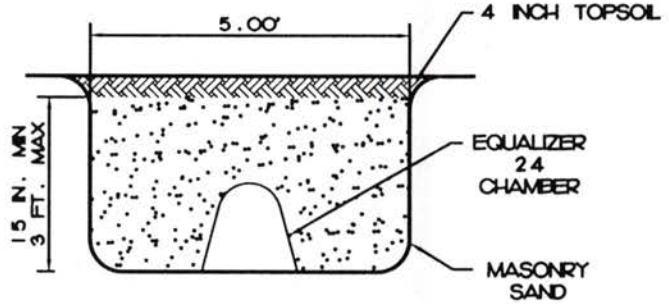
Sincerely,

Steven M. Goans, P.E.
Program Manager, Technical Unit

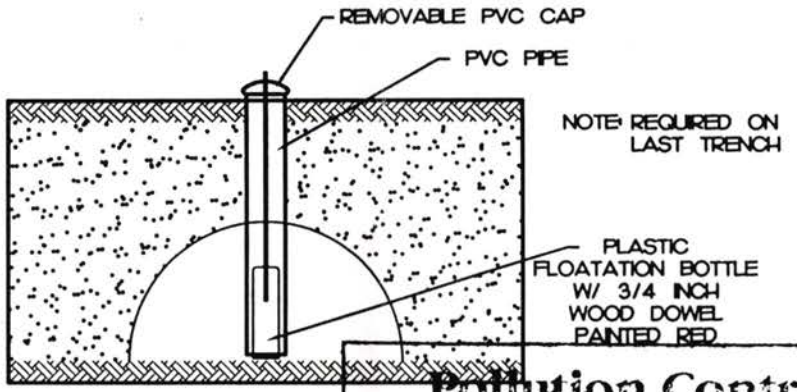
cc: John Minor, Lancaster County
Design Associates

An Equal Opportunity/Affirmative Action Employer

Printed with soy ink on recycled paper



SECTION A - A
N.T.S

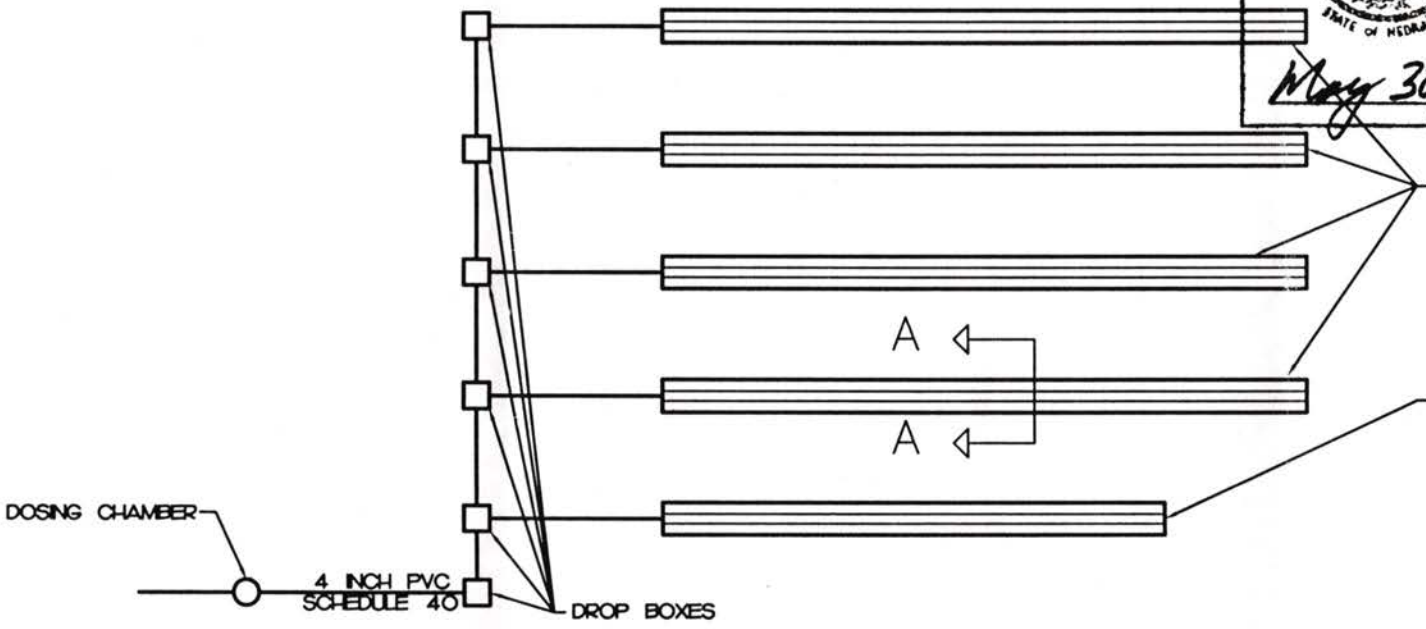


HIGH WATER INDICATOR
N.T.S

Pollution Control Project

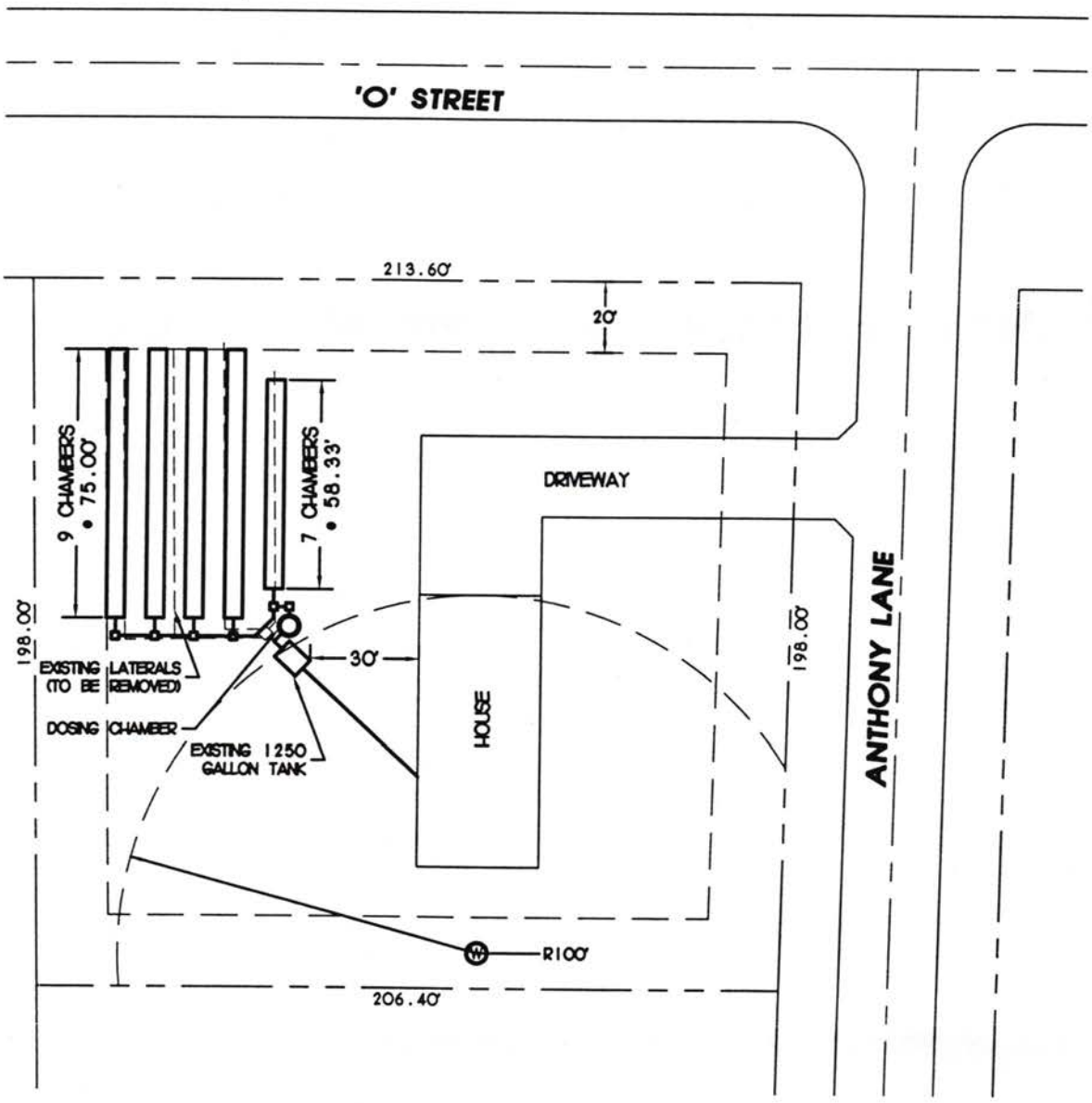
APPROVED

May 30, 2000 Steven M. Goans, P.E.



ABSORBTION TRENCH PLAN
N.T.S

PROFESSIONAL CIVIL ENGINEER
T. MUSLEH
E-8351
5-17-00
STATE OF NEBRASKA



N

111 ANTHONY LANE

SCALE: 1" = 50'

PROFESSIONAL CIVIL ENGINEER
T. MUSLEH ALHAWINEH
E-8351
5-17-00
STATE OF NEBRASKA

'O' STREET

84th ST

TION R7E

Pollution Control Project

DEPARTMENT OF ENVIRONMENTAL QUALITY STATE OF NEBRASKA

APPROVED

May 30 2000

P.E.

VICINITY MAP

NOT TO SCALE

JUN 1 9 2000

D

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

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 6-14-00

System Location (Indicate correct number and street)

Address 111 Anthony Lane (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: _____
   Diameter: _____ in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: _____ ft.
4. Number of clean-outs: _____
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: _____
   Number of compartments: _____
2. Capacity: _____ gal.
3. Factory built: ☐ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: _____ in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: 5 Drop box plastic
   Number available outlets: _____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

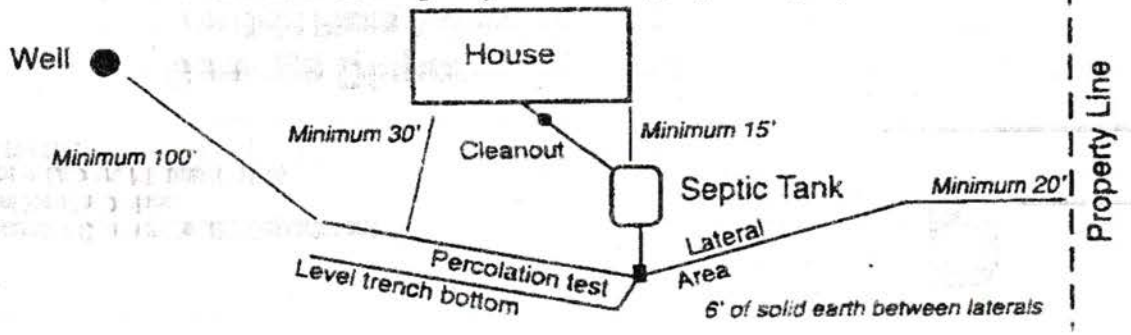
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: 15" Infiltrator
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: 5 Number 60
   Length of each line: 75 ft. 75 ft.
   75 ft. 75 ft., 60 ft.
3. Trench dimensions: Width 5 ft.
   Slope — in/100 ft.
   Average depth 36 in
4. Filter material: Sand
   Depth of material 28 - 30 in.
5. Distances to: Well or suction line 100 ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line 20 ft.

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

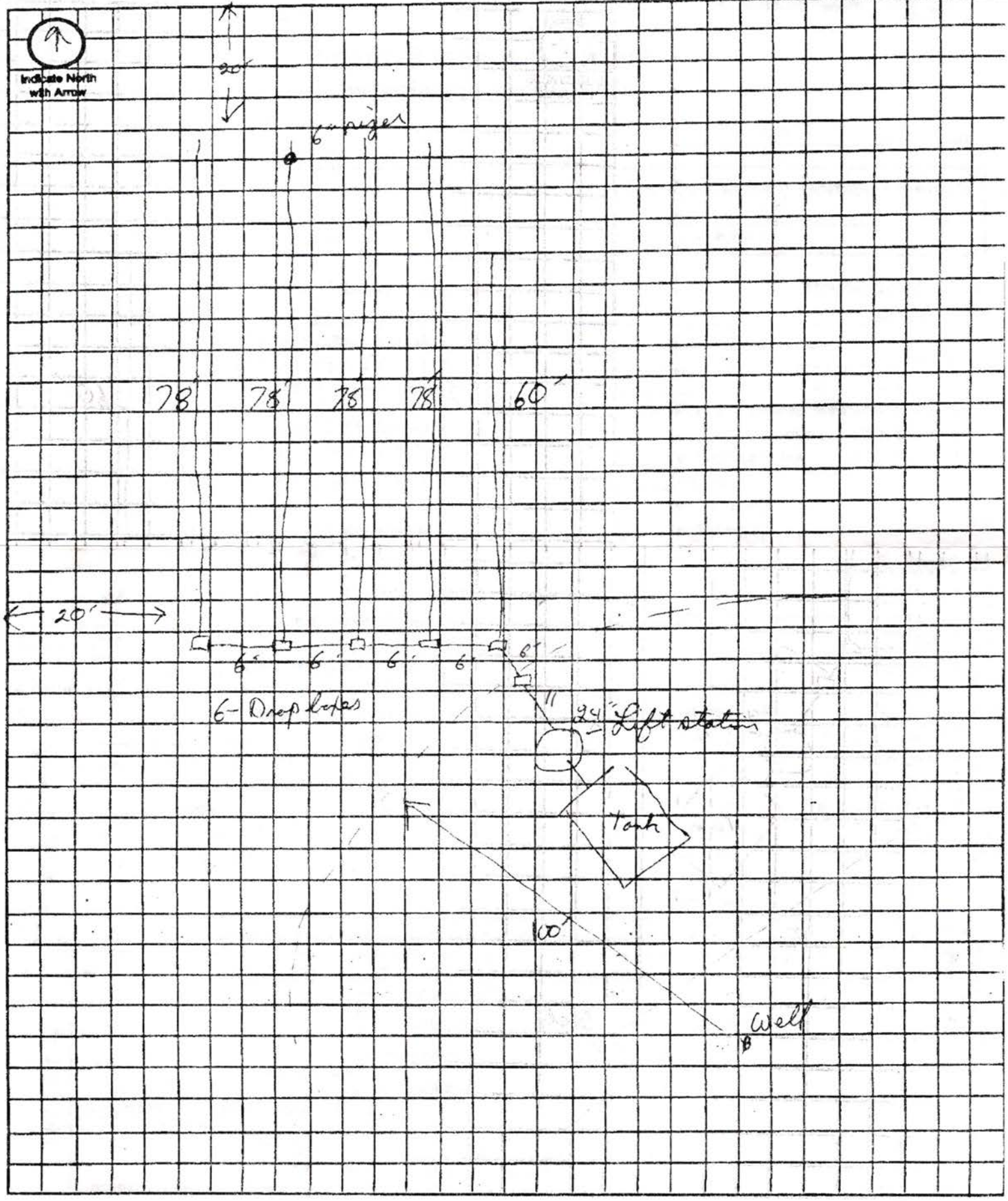
Indicate North with Arrow

Individual Sewage System Design (Example)



As Built Drawing by Larry Schwarck 6-15-00

111 Anthony Lane



Approximate Scale: _____ ft. = _____ grid line's

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

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

NON TRANSFERABLE

PERMIT

No. 95380129601

Permit
SEWAGE INSTALLATION

Issued 04/28/95
Expires 10/28/95
Revenue Code 18754

Establishment
FRANK DUSH
T10N R7E SEC 26
HILLCREST HEIGHTS BLK 1 LOT 1

FEES: $150.00

TOTAL $150.00

Permittee
FRANK DUSH
6200 QUEENS DR
APT 4
LINCOLN NE 68516

Issued By M. Jane Ford
Health Director

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

FORM 20103-0477
REQUEST FOR SITE CLEARANCE AND PERMIT
FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM
City Ordinance No. 9150 ☒
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 474-1541

A

FILING FEE: $ 150.00

FILE NO. _____

DATE: 4-27-95

The undersigned hereby requests SITE CLEARANCE and PERMIT to construct an Individual Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

1. Legal description of property: Twp. 10N ; Range 7E ; Section 26 ;
   Block 1 : Lot 1 : Addition Hillcrest Heights
   Street Address 101 East Hillcrest Dr

2. Property Use: Residential ☒ ; Commercial ☐ Other Use ☐
   No. of Bedrooms 4-3 . Describe _____

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

4. Distance to public sewer: NA ft. (Soil to be removed & Soil with better Percolation Placed back in to lot

Frank Dush by Brad Southwick
Signature of Applicant (Owner or Lessee)
#4 17201 S. 72
6200 Queens Dr Hickman, Ne 68372
Address
Lincoln 68516

(Do not write below this double line)

1. Health Department: Date Rec'd. 4/27/95. Date Frwd. 5/1/95. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: or Village Clerk: Date Rec'd. 5-1-95. Date Frwd. 5-1-95. ACTION: Approved ☒ Disapproved ☐ Signature: Paul Dyer

3. City or County Engineer: Date Rec'd. 5-1-95. Date Frwd. 5-1-95. ACTION: Approved ☒ Disapproved ☐ Signature: Dennis D. Bartels

REMARKS OR REASONS FOR DISAPPROVAL NO WELL PERMIT YET.

Site Visits:
Date: 9/6/95 by: J.C.H.
Date: 9-7-95 by: P.D.
Date: 8/14/00 by: J.C.H. Reworks

White: Health Dept. Copy
Yellow: Engineers Copy
Pink: Bldg. Inspector's Copy

INSTALLATION FINAL WRITTEN APPROVAL
Date: 9-7-95 By: Paul Dyer

FORM 20105-0477
SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

B

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township _____; Range _____; Section & ¼ Section _____.
Property Dimensions: _____ ft. x _____ ft. Area: _____ acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☐ ; Silty Clay Loam ☒ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ . Shd.
Dates of Tests: 4-26 to 4-27. Weather: Precip. .40 Temp. 50's.

Percolation Test Taken at 74 Superior at church a NE corner and soil (30") moved to 111 Anthony Lane for Septic Lateral Field.

OWNER: Frank Rush
Address: 111 Anthony Ln

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings						Results	
		Start		End		Start			End				
Hold No.	Hole Depth (in.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Date (Mo./ Day)	Time (Hr./ Min.)	Water Level (in.)	Time (Hr./ Day)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./in.)
1	24	4/26	1:30	4/27	9:00	4/27	12:00	21 7/8	12:30	22 3/8	30	3/4	
2			PM		AM		NOON	22 1/8		22 7/8		3/4	
3								20 5/8		22 1/4		5/8	
4								18 1/2		19 1/4		3/4	
5								22 1/4		23 1/4		1	
6								22 5/8		23 1/4		5/8	
7								22 1/4		22 7/8		3/8	
8								21 1/2		22 1/4		3/4	

Brad Smith
Signature of Person Conducting Test

Address 17201 S. 72 Hickman Phone 475-2462

Sum of Percolation Rates: 6.875
Average of Rates: .86
Mean of Rates: _____

(Do not write below this line)

REVIEWING ACTION

Remarks: _____
Soil Type (SCS): _____
Date: _____

Approved Percolation Rate (a)
A. _____ min./inch
B. _____ min./inch
C. _____ min./inch

_____
Signature of Reviewing Official

FORM 20104-0477
PLANS & SPECIFICATIONS FOR SEWAGE DISPOSAL SYSTEM (Annex to Application)
City Ordinance No. 9150 ☐
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

D

DATE: 9-7-95

FILE NO. _____

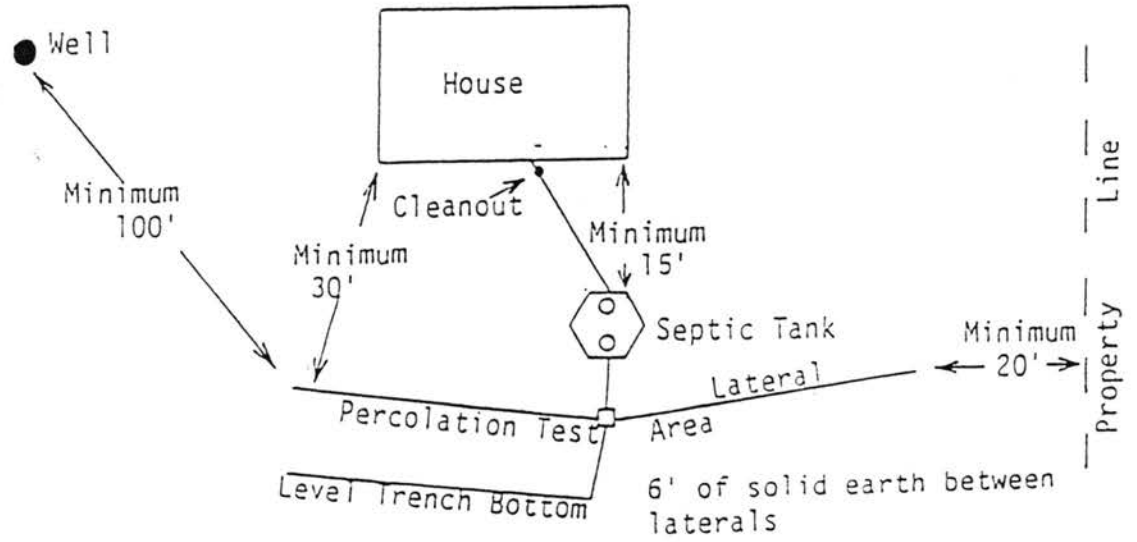
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material PVC ; Diameter 4 in.
2. Distance above basement floor 48" in., or below basement floor ____ in.
3. Distance between dwelling and septic tank 44 ft.
4. Number of clean-outs 1 .
5. Distances to:
Well or Suction Line > 50 ft.; Stream ____ ft.; Pressure Line 15"/18 ft.; Property Line ____ ft.

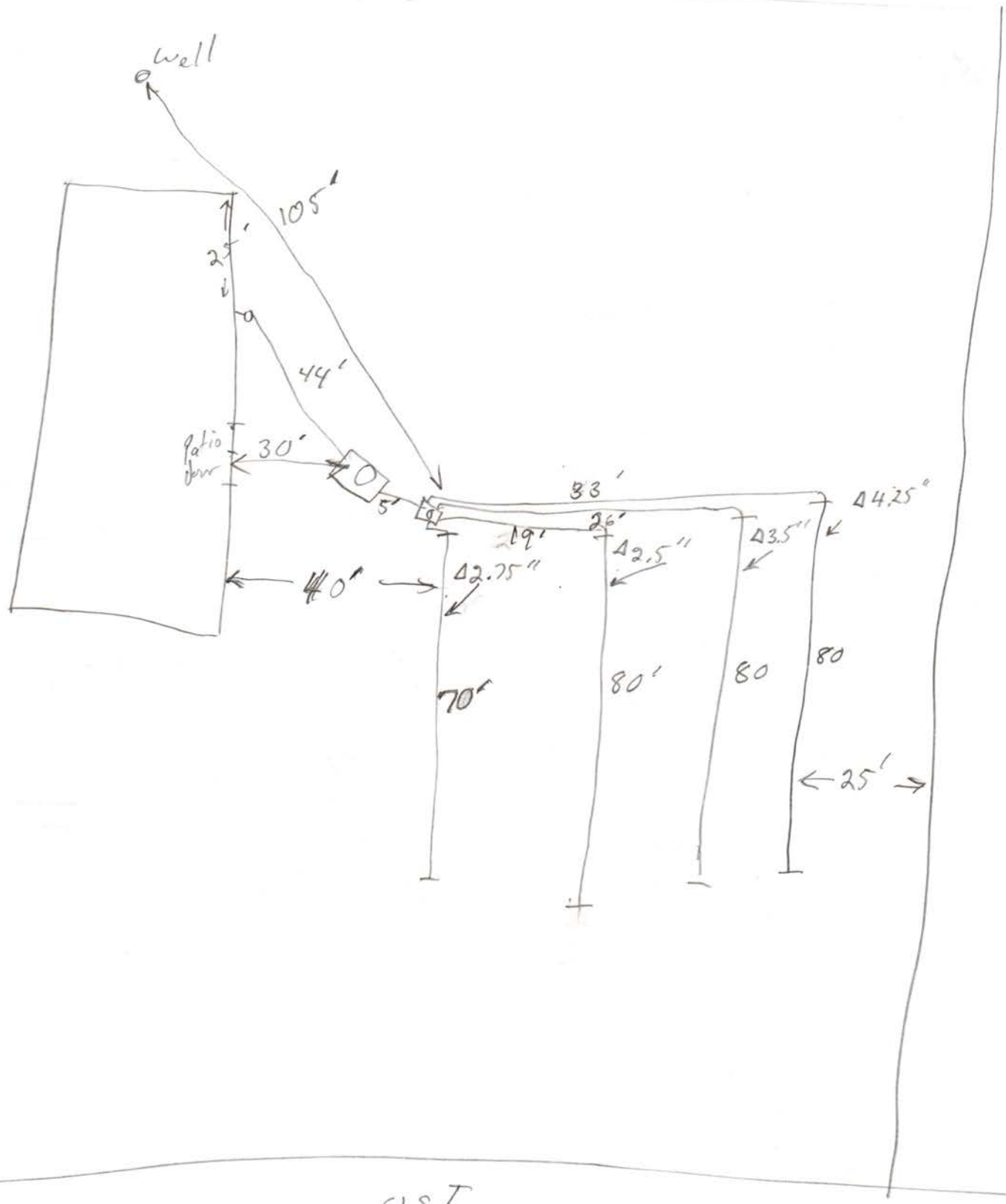
B. SEPTIC TANK:
1. Material Con-Cr ; No. of compartments ____ .
2. Capacity 1250 gals.;
3. Factory Built: Yes ☒ No ☐
(Company Pre Cast)
4. Manholes: Over Inlet; diam. 9 in.
Over Outlet; diam. 15 in.
Riser Above ☐ Below ☒ Grade 2 in.
5. Inlet: Baffle ☒ ; or Tee ☐
6. Outlet: Baffle ☒ ; or Tee ☐
7. Depth of top of tank below finished grade 28 in.
8. Distances to:
Well or Suction Line > 50 ft.; Stream ____ ft.; Pressure Line ____ ft.; Property Line > 25 ft.

C. DISTRIBUTION BOX:
1. Material PVC ; Number - available outlets 5 .
2. Factory Built: Yes ☒ No ☐
(Company ____)
3. Distance from Septic Tank 5' ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☐ Perforated Pipe ☒
Diameter of Half Round ____ or Perforated Pipe 4" .
Material: fiberglass ☐ ; plastic ☒ ; concrete ☐ ; other ____ .
2. Lateral Lines:
Number 4 ; Length of each line 80 , 80 , 80 , 70 , ____ ft.;
Total length of laterals 310 ft.;
Distance between lateral lines 9 ft.
3. Trench dimensions: Width 3-4 ft.;
Slope 3 in/100 ft.; Average Depth 48 in.
4. Filter Material: Road Gravel
Depth of Material 12 in.
5. Distances to:
Well or Suction Line > 100 ft.; Stream ____ ft.; Pressure Line ____ ft.; Property Line 25' ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


Property Line
well
105'
25'
44'
Patio door
30'
5'
33'
Δ4.25"
19'
26'
Δ2.5"
Δ3.5"
40'
Δ2.75"
70'
80'
80
80
25'
OST