LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

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

NON TRANSFERABLE

PERMIT

Permit No. 97380161701

SEWAGE INSTALLATION
OTHER

Issued 07/15/97
Expires 01/15/98
Revenue Code 18754

Establishment

WHITEHEAD INC
T11N R7E SEC 34
LOT 23
84 & HWY 6

FEES: $150.00

TOTAL $150.00

Permittee

WHITEHEAD INC
BOX30211
BOX 30211
LINCOLN NE 68503

5035

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"

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

A

Permit Number: 9738016 17

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 U-Stop, 84th & Hwy 6 (no rural route) City Lincoln NE, Zip 68507

Legal Description SE (1/4) 34 (1/4 Section) 11N (Township) 7E (Range) ____ (Subdivision) ____ (Addition) 23 (Block) I.T. (Lot)

Geographical Location (if known): Longitude ____ Latitude ____

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

B. Owner

Name Whitehead, Inc. Signature W E Whitehead

Address P. O. Box 30211 City/State/Zip Lincoln, NE 68503

☐ Check if owner designed system Home Phone ____ Work Phone (402) 435-3509

C. Contractor

Name ____ Company Name ____

Address ____ City/State/Zip ____

☐ Check if contractor designed system Work Phone ____

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

Designer Name John S. Olsson Firm Olsson Associates Work Phone (402) 474-6311

*Percolation Test by Others

E. This System Will Serve a

☐ Residential Dwelling Number of Bedrooms ____ Is there a Whirlpool Bathtub YES NO

☒ Commercial Establishment/Other Facility Specify Convenience Store

Design flow in gallons per day 800 Type of Wastewater: ☒ Domestic ☐ Non-Domestic.

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 2832

Approved as Submitted JM

1. **Health Department** Date rec'd 6-24-97 Date frwd 7-15-97 ACTION ☒ Approved ☐ Disapproved Signature ____
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd ____ Date frwd ____ ACTION ☐ Approved ☐ Disapproved Signature ____
3. **City or County Engineer** Date rec'd ____ Date frwd ____ ACTION ☐ Approved ☐ Disapproved Signature ____

7-31-97, Seepage bed is 23-30" loops approx. 200 ft from bank of Stevens Creek. Line to old lateral is not plugged. Line to new bed is perforated pipe in gravel.

3-14-97

Installation Final Written Approval

By ____

Date 11-9-98

Business Office Use Only 3238

Date Rec'd 6/26/97

Amt Paid 150 CK

Rec'd By ____ Cash/Check No. 033478

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 84th & Hyw 6 Quik Stop (no rural route) City Lincoln, Nebr NE, Zip

Owner Whitehead Oil Co. Addresss

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

Date of Tests 6/15/97 to 6/16/97 Weather: Precipitation dry Temperature

shallow Trench System

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	14	6/15	10:00	6/16	10:00	6/16	1:00	6	6/16	1:30	30	1½	20
2	14	6/15	10:00	6/16	10:00	6/16	1:00	6	6/16	1:30	30	1¼	24
3	12	6/15	10:00	6/16	10:00	6/16	1:00	6	6/16	1:30	30	¾	17
4	14	6/15	10:00	6/16	10:00	6/16	1:00	6	6/16	1:30	30	1½	20
5	15	6/15	10:00	6/16	10:00	6/16	1:00	6	6/16	1:30	30	1"	30
6	13	6/15	10:00	6/16	10:00	6/16	1:00	6	6/16	1:30	30	1¼	24

Sum of Percolation Rates: 135

Average of Rates: 22.5

Rate Used for Calculation: 23

Person Conducting Percolation Tests

Name: John Stutheyer

Phone: 430-6023

Address 6607 NW 48TH LNK

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks Percolation is adequate; however, high seasonal water table exists.

Signature of Reviewing Official John E Mines Date 6-26-97

FORM 23-101 10-96

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

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.

Indicate North with Arrow

SEE ENCLOSED DRAWING

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

A. System Location (Indicate correct number and street)

Address (no rural route) U-Stop, 84th & Hwy. 6 City Lincoln NE, Zip 68507

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other N/A

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

Percolation Rate 30 (min. per inch) Soil Type: Kennebec Silt Loan Land Slope: Minimal Slope %

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

Total Square Feet of Field Required: _____ sq. ft.

Type of Lateral: ☒ Half-Moon ☒ Perforated Pipe ☐ Other Lateral Material: _____

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

Total Length of Laterals 100 ft. Number of Trenches 1 Trench Width 8

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 N/A Date _____

Installer SEE ATTACHED LETTER Date 23 JUNE 97

FORM 23-102 10-96

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

TO BE COMPLETED FOLLOWING CONSTRUCTION (BY CONTRACTOR)

Date _____

System Location (Indicate correct number and street)

Address 84TH + HWY 6 (no rural route) City LNK NE NE, Zip _____

ADDITION FROM EXISTING TANK

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: CONC
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 9' ft.

D. Absorption Field

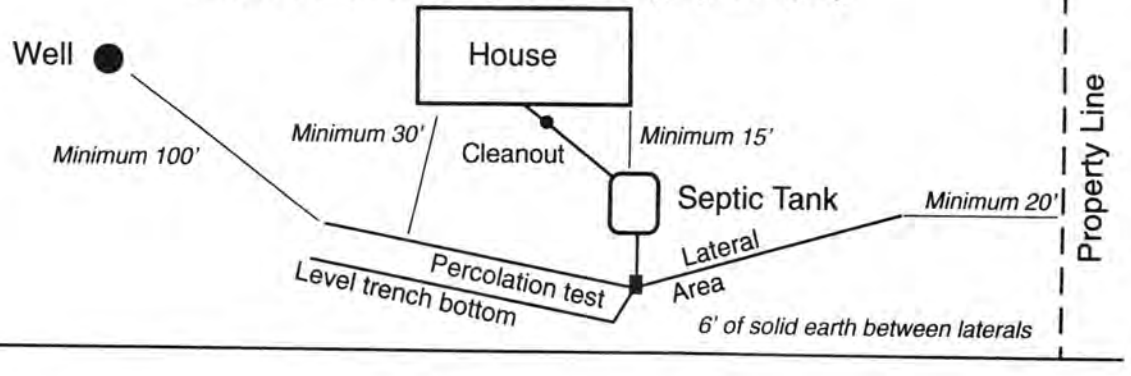
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: INFILTRATOR
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 1
   Length of each line: 100 ft. _____ ft.
   _____ ft. _____ ft. _____ ft.
3. Trench dimensions: Width 8 ft.
   Slope 2" in/100 ft.
   Average depth 24" in
4. Filter material: GRAVEL
   Depth of material 18 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

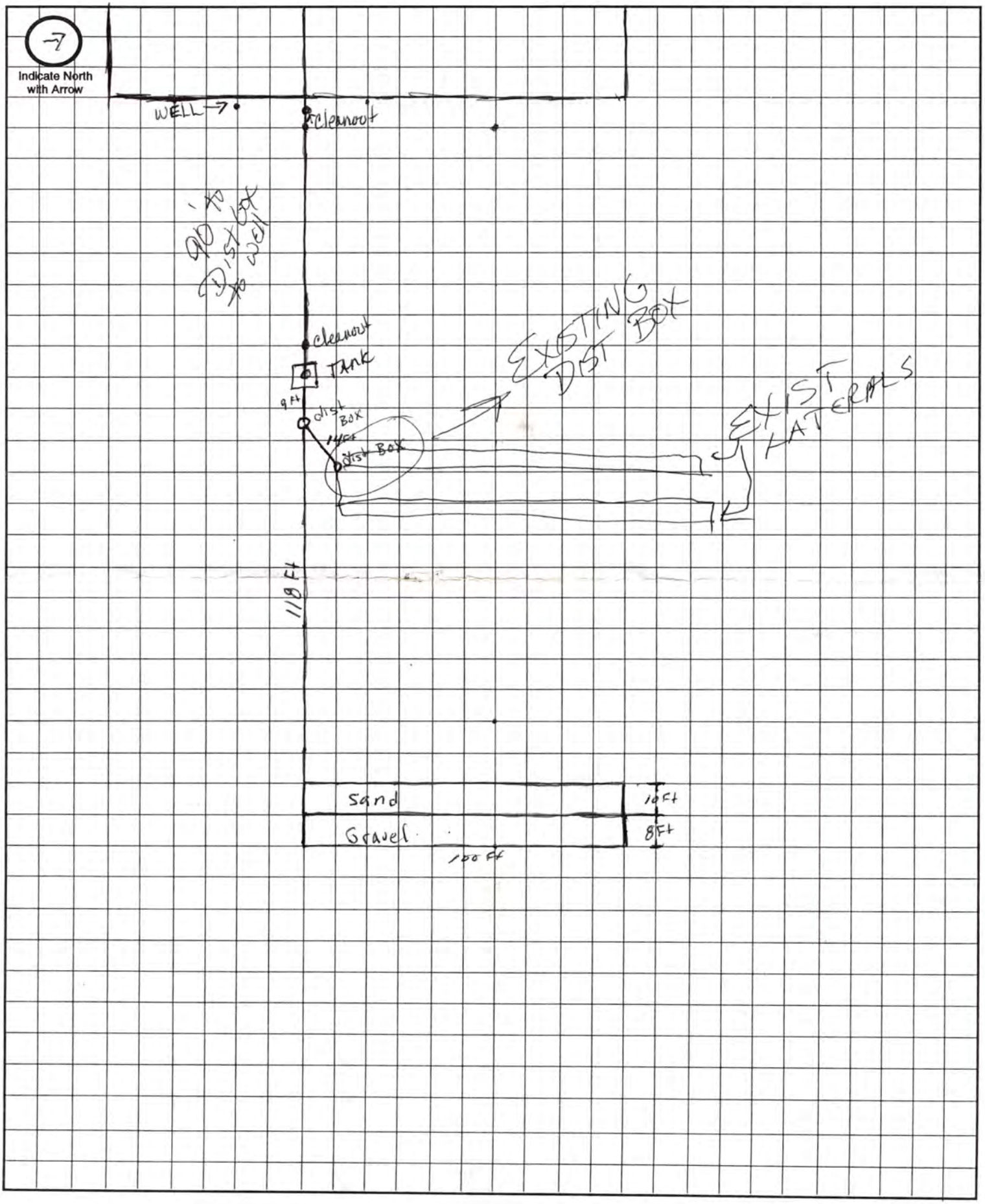
Indicate North with Arrow

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

Individual Sewage System Design (Example)



As Built Drawing



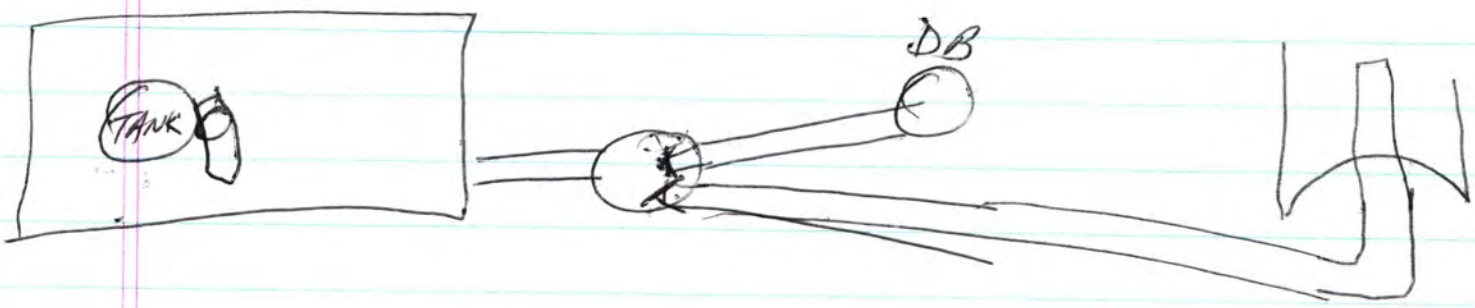
Approximate Scale: _____ft. = _____ grid line/s

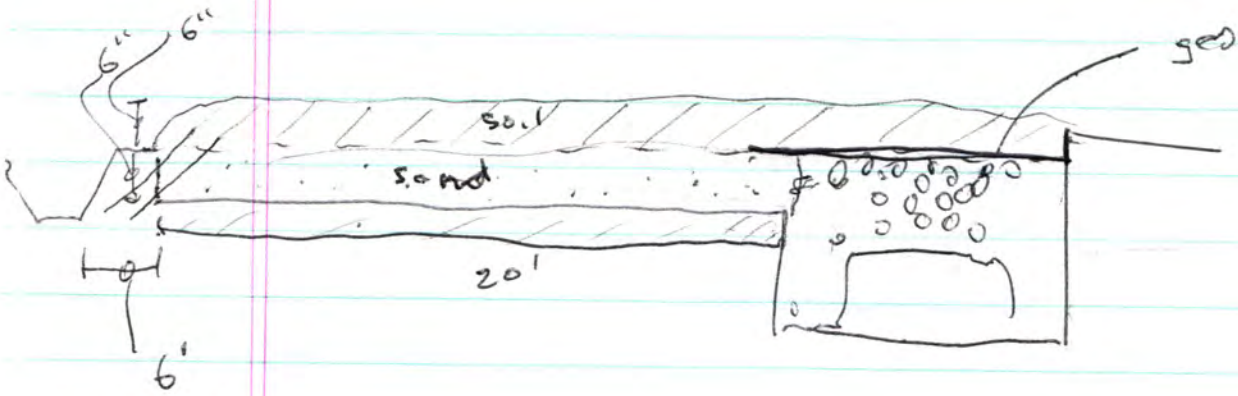
EXACT ADDRESS	Lincoln-Lancaster County Health Department Division of Environmental Health **Service Request Record**
84TH + Hwy 6	
OWNER Whitehead Oil	COMMENTS
OCCUPANT	

UPDATES: ☐ Location ☐ Owner ☐ Resident ☐ Associated

DATE	ACTION TAKEN AND RESULTS	HES
7-31-97	On-site inspection by Ron Marquart of engineer designed system for drainfield disposal of sewage from U-stop at 84th + Hwy #6. Major changes from 6-18-97 drawings of Olsson Assoc. drawing of Shallow trench Leach Field were noted: 1) Seepage bed is 23-30" deep 2) Line from old lateral to distribution box is not plugged. 3.) Line to new seepage bed is perforated and in gravel. 4) New seepage bed is located farther east of old lateral by comparison with drawing location.	
8-12-97	ON SITE VISIT WITH JOHN OLSON, JOHN STROHMEYER, NDEQ + OWNER SEE ATTACHED SKETCH.	

FORM 23-18 REV. 2/90





8-12-97

1. CAP OFF OLD LINE.
2. DISK BED AREA PRIOR TO APPLICATION OF SAND.
3. DO NOT ROTO TILL.
4. CAP OFF OR PLUG OVERFLOW AT SEPTIC TANK.
5. CONTACT NPPD TO MOUND EARTH UNDER ELECTRIC TOWER.
6. LINE FROM DISTRIBUTION BOX TO BED SHOULD NOT BE PERFORATED.

Jam

STATE OF NEBRASKA

FILE

JUL 16 1997
LLCHD

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

E. Benjamin Nelson
Governor

Construction Permit # 97S098

Bus Whitehead
Whitehead, Inc.
P.O. Box 30211
Lincoln, NE 68503

RE: Onsite Wastewater Treatment System
U-Stop, 84th and Hwy 6
E1/2, SE1/4, Sec 34, T11N, R7E
Lincoln, NE, Lancaster County

Dear Mr. Whitehead:

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 is hereby granted. This permit shall also serve as the operating permit for the facility once construction is complete.

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 and return the enclosed card as soon as the information is available. If you have any questions please contact Steven M. Goans, P.E. at (402) 471-2580.

Pursuant to a Delegation Memorandum dated January 30, 1995, and signed by the Director, the undersigned hereby executes this document on behalf of the Director.

Signed the 11TH day of July, 1997.

Sincerely,

Patrick W. Rice

Patrick W. Rice
Assistant Director

PWR/mrm
Enclosure:
cc: Olsson Associates

An Equal Opportunity/Affirmative Action Employer

Printed with soy ink on recycled paper

U-STOP – 84th & Hwy.
Flow Meter @ 84th C
Cubic Feet x gallons

EXHIBIT "A"

April 20	1634.34	21st	1636.43	= 2.09 X 7.5 =	1567	GALLONS
April 21	1636.43	22nd	1637.84	= 1.41 X 7.5 =	1057	GALLONS
April 22	1637.84	23rd	1639.25	= 1.41 X 7.5 =	1057	GALLONS
April 23rd	1639.25	24TH	1641.36	= 2.11 X 7.5 =	1582	GALLONS
April 24th	1641.36	25th	1643.30	= 1.94 X 7.5 =	1455	GALLONS
April 25th	1643.30	26th		X 7.5 =		
April 26th		27th		X 7.5 =		
April 27th		28th	1649.71	= 6.41 X 7.5 =	4807	÷ 3 = 1602 pc.
April 28th	1649.71	29th	1651.09	= 1.38 X 7.5 =	1035	GALLONS
April 29	1651.09	30th	1652.66	= 1.57 X 7.5	1177	GALLONS
April 30	1652.66	May 1	1654.66	2.00 X 7.5	1500	GALLONS

MAY 1	1654.66	MAY 2	1656.27	= 1.61 X 7.5	1207	GALLONS
MAY 2nd	1656.27	MAY 3rd	1658.32	= 2.05 X 7.5	1538	GALLONS
MAY 3rd	1658.32	MAY 4th				
MAY 4th		MAY 5th	1663.04	= 4.72 X 7.5	3540	÷ 2 GALLONS 1770
MAY 5th	1663.04	MAY 6th	1664.24	= 1.20 X 7.5	900	GALLONS
MAY 6th	1664.24	MAY 7th	1664.75	= 51 X 7.5	382	GALLONS X
MAY 7th	1664.75	MAY 8th	1665.92	1.17 X 7.5	877	GALLONS
MAY 8th	1665.92	MAY 9th	1667.06	1.14 X 7.5	855	GALLONS
MAY 9th	1667.06	MAY 10	1668.10	1.04 X 7.5	780	GALLONS
MAY 10	1668.10	MAY 11	1669.17	107 X 7.5	802	GALLONS
MAY 11	1669.17	MAY 12	1670.54	1.37 X 7.5	1027	GALLONS
MAY 12	1670.54	MAY 13	1671.53	99 X 7.5	742	GALLONS
MAY 13	1671.53	MAY 14	1672.73	1.20 X 7.5	900	GALLONS
MAY 14	1672.73	MAY 15	1673.98	1.25 X 7.5	938	GALLONS
MAY 15	1673.98	MAY 16	1674.99	101 X 7.5	758	GALLONS
MAY 16	1674.99	MAY 17	1677.28	229 X 7.5		

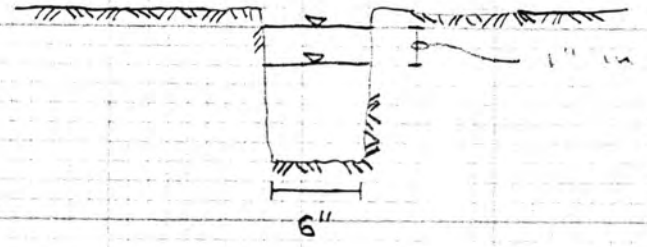
EXHIBIT "A"
CONT.

MAY 18	1672.28	MAY 19	1678.87	1.59X.7.5	1193	SUN
MAY 19	1678.87	MAY 20	1679.87	1.00X	750	MON
MAY 20	1679.87	MAY 21	1680.83	.96 X 7.5	720	TUES
MAY 21	1680.83	MAY 22	1682.61	1.78 X 75	1335	WED
MAY 22	1682.61	MAY 23	1683.49	88 X 75	660	THUR
MAY 23	1683.19	MAY 24				FRI
MAY 24		MAY 26	1687.66	417 X 7.5	3127	MON AX
MAY 26	1687.66	MAY 27	1688.73	1.07 X 75	802	TUES A
MAY 27	1688.73	MAY 28	1689.87	1.14 X 7.5	855	WED A
MAY 28	1689.87	MAY 29	1691.54	1.67 X 75	1252	THUR A
MAY 29	1691.54	MAY 30	1692.75	1.21 X 75	907	FRI
MAY 30	1692.75	MAY 31	1693.92	1.17 X 7.5	878	SAT
						SUN
MAY 31	1693.92	JUNE 1	1695.05	1.13 X 75	848	SUN
JUNE 1	1695.05	JUNE 2	1696.63	1.58 X 75	1185	SUN
JUNE 2	1696.63	JUNE 3	1697.49	86 X 7.5	645	MON
JUNE 3	1697.49	JUNE 4	1698.99	1.50 X 7.5	1125	TUES
JUNE 4	1698.99	JUNE 5	1700.59	1.60 X 7.5	1200	WED
JUNE 5	1700.59	JUNE 6				THUR

EXHIBIT "B"

Q_{in} = 800 gpd use 1000 gpd

Percolation Rate through walls = 1 in / 30 min.
[From Strahmeyer Perc. Test]



- Flow Rate out of Hole = $\frac{(.25)^2(\pi)(\frac{1}{12}')(7.48)}{30 \text{ min}} \cdot \frac{1440 \text{ min}}{\text{day}}$

$= 5.87 \frac{\text{gal}}{\text{day}}$

- Flux Through Wall of Hole

S.A. = $(\frac{1}{12})(.5)(\pi) = .13 \text{ FT}^2$

$= \frac{5.87 \frac{\text{gal}}{\text{day}}}{.13 \text{ FT}^2} = 44.8 \frac{\text{gal}}{\text{day-ft}^2}$

- Required Surface Area for Design Flow

$= \frac{1000 \text{ gal/day}}{44.8 \text{ gal/day-ft}^2} \cong 23 \text{ FT}^2$

OLSSON ASSOCIATES

PROJECT: WHITEHEAD OIL WASTEWATER - SHALLOW TRENCH SYSTEM

project no.: 97-0197
drawn by: JSO
date: 6/16/97
page 1 of 2

EXHIBIT "B"
CONT.

- Construct permeable layer - 4 in thick

$$\text{Length of Trench Wall} = \frac{23\ FT^2}{.33\ FT} = 70'$$

Construct 100 FT OF 8 FT. WIDE TRENCH

$$216\ FT\ (.33\ FT) = 71.2\ FT^2$$

$71.2 > 23$ ✓ okay

OLSSON ASSOCIATES

PROJECT:

project no.:
drawn by:
date:
page 2 of 2

V-S top



25) 2 790 000 FEET

Flood way goes to east side of U-stop Bldg Map at Safety.

34-11-7

½ curve before indexation + then due E.

U-stop

Corner to flood way South 375', then due N+Little East

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
Division of Environmental Health
2200 St. Marys Ave.
Lincoln, Nebraska 68502 (Phone: 471-7800)

FILE NO._____

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

DATE: 9-26-86

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. 11N; Range 7E; Section 34;
Block _____; Lot 23 Irr.; Addition _____
Street Address Hwy 6th & 84th St.

2. Property Use: Residential _____ ☐; Commercial _____ ☒
No. Bedrooms _____ Describe 100' LF. Mini Laterals
Other Use ☐
Describe _____

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

4. Description of proposed alteration, extension or repair: Lateral Extend

5. Work to be done by: Owner ☐; or Contractor ☒, Sullivan Gillum
Contractor's Name

6. Estimated cost of project:
a. Materials $_____
b. Labor $_____
c. Other $_____
TOTAL $_____ over $500.

White Head Oil Co. Sullivan Gillum
Signature of Applicant (owner or lessee)

Randolph St.
Address

(Do not write below this line)

REVIEWING ACTION

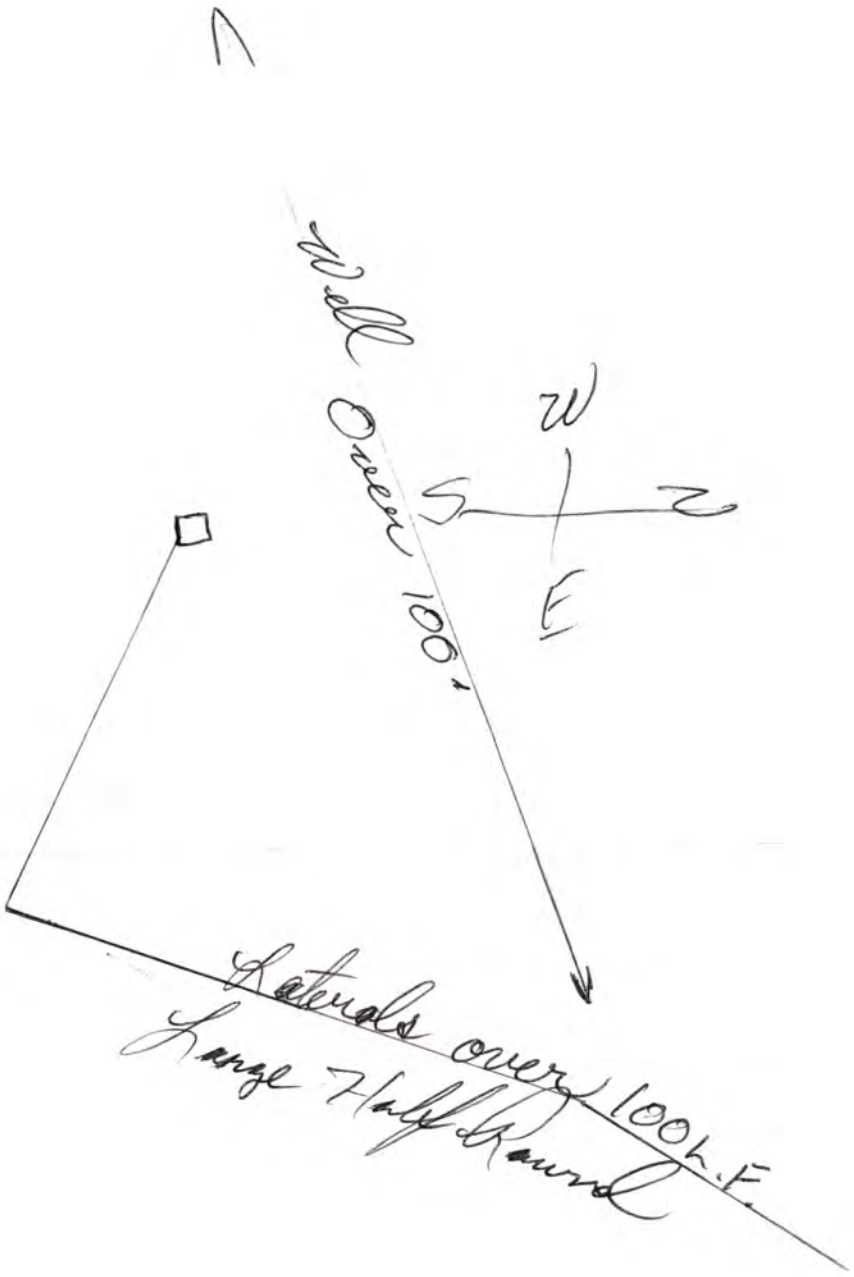
1. Date Rec'd:_____
Filing Fee: $_____

2. Site Visits:
Date: 9/26/86 by: L.C.H.
Date:_____ by:_____
Date:_____ by:_____

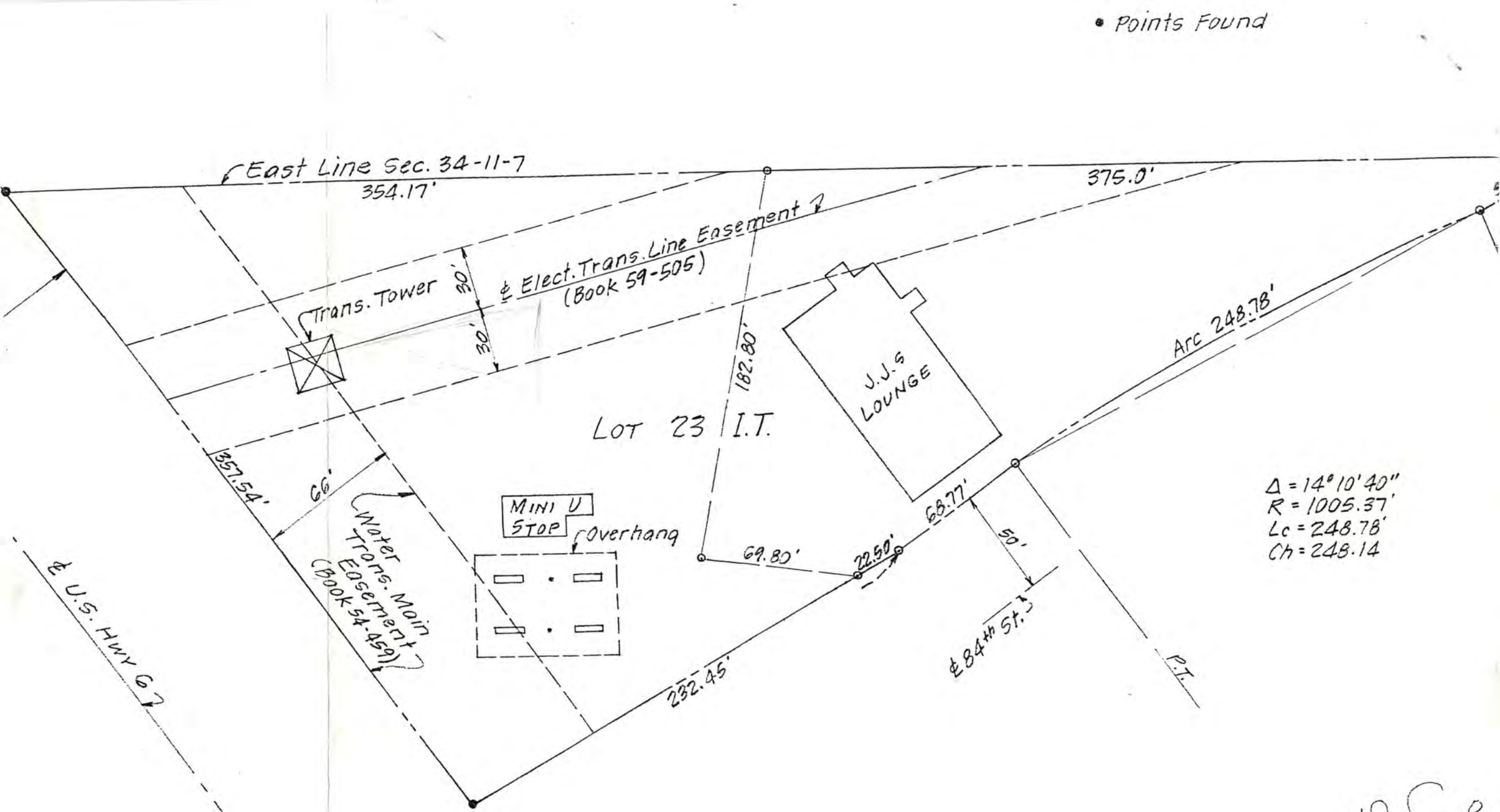
3. Date: Approved ☐; Disapproved ☒
by: Jerrold C. Hood

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

X In flood plain.


N
W
S
E
Well Over 100'
Laterals over 100 h.f.
Large Half Round

• Points Found



K B Smith

K.B. Smith L.S. 25

FILE NO. 119

CITY OF LINCOLN NEBRASKA

DEPARTMENT OF LICENSES AND PERMITS

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — TYPE OF LICENSE OR PERMIT

February 18, 1969 — THIS LICENSE OR PERMIT EXPIRES

Whitehead Oil Co. — LICENSEE OR PERMITTEE

2537 Randolph — ADDRESS

T 11N; R 7E; Section 34; Part of 15 Irreg. Tract — NAME OF ESTABLISHMENT, IF ANY

ADDRESS

REMARKS: Non-Transferable

PERMIT	INSPECTION FEE	OCCUPATION TAX	LICENSE	TOTAL
$30.00	$	$	$	$ 30.00
ACCOUNTING NO.	ACCOUNTING NO.	ACCOUNTING NO.	CODE	
143 110.15 35	110.16	148.14	6-2	

SERIAL NO.	DATE	AMOUNT
16885 M1	3	30.00

VALID RECEIPT ONLY IF MACHINE RECEIPTED IN THIS SPACE

APPLICATION

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW

FORM HD-32(67) APPLICATION FOR PERMIT
TO CONSTRUCT INDIVIDUAL SEWAGE
DISPOSAL SYSTEM
City Ordinance No. 9150

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 432-7611)

FILE NO. 119

DATE: 8/15/69

TO: Director of Health
Lincoln-Lancaster County Health Dept.

The undersigned hereby applies for a permit to construct an Individual Sewage Disposal System in conformance with Lincoln City Ordinance No. 9150, as described in this application and the annexed forms attached hereto.

1. Legal description of property: Part of 15 Irreg. Tract
Twp. 11; Range 7; Section 34;
Block ____; Lot ____; Addition ____;
Street Address 84 & Highway 6, Lincoln, Nebr.

2. Property Use: Residential ____ [ ]; Commercial ____ [X]
No. of Bed Rooms ____ Describe: Whitehead Oil Co. 2537 Randolph
Other Use ____ [ ]
Describe: ____

3. Type of Individual Sewage Disposal System: Septic Tank [X]; Other [ ]

4. Plans and Specifications of Proposed System. (See FORM HD-32a(67) PLANS & SPECIFICATIONS, SEWAGE DISPOSAL SYSTEM, attached hereto.)

5. Soil Absorption Properties. (See FORM HD-33(67) SOIL ABSORPTION TEST DATA REPORT, attached hereto.)

Whitehead Oil Co.
Signature of Applicant (owner or lessee)

2537 Randolph
Address

(Do not write below double line)

REVIEWING ACTION

1. Date Rec'd: 8/15/69
Filing Fee: $ 120.00

2. Date Site Clearance ____

3. Site Visits:
Date: 10/7/69 by: L.C.H.
Date: ____ by: ____
Date: ____ by: ____

4. Date: Approved [✓]; Disapproved [ ]: ____
by: Leonard W. Wedergren

5. BUREAU OF LICENSES & PERMITS
Date Notified: ____
Date Issued: ____ Serial ____

6. INSTALLATION FINAL WRITTEN APPROVAL
Date: 10/7/69 by: Jerrold C. Hook

FORM HD-30(67) REQUEST FOR SITE CLEARANCE FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM
City Ordinance No. 9150

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 432-7611)

FILE NO. 119

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

The undersigned hereby requests SITE CLEARANCE to construct an Individual Sewage Disposal System in conformance with Lincoln City Ordinance No. 9150, as described herein:

1. Legal description of property: Part of 15 Irrey Tract
Twp. 11; Range 7; Section 34;
Block ____; Lot ____; Addition ____;
Street Address 84 & Highway 6, Lincoln, Nebr

2. Property Use: Residential ____ ☐; Commercial ____ ☒
No. of Bedrooms ____. Describe: Whitehead Oil Co. 2539 Randolph

Other Use ____ ☐
Describe: ____

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

4. Distance to public sewer: 2 mi. ~~ft~~.

Whitehead Oil Co.
Signature of Applicant (owner or lessee)

2537 Randolph
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 8/15/69. ACTION: Approved ___ ☑ Disapproved ☐
Date Frwd. 8/15/69. Signature: Kenneth D. Vanderpool

2. Supt. Bldg. Insp.: Date Rec'd. 8/18/69. ACTION: Approved ___ ☒ Disapproved ☐
Date Frwd. 8/18/69. Signature: Chas Seals by Bob Simmons

3. City Engineer: Date Rec'd. ____. ACTION: Approved ___ ☑ Disapproved ☐
Date Frwd. 8-18-69. Signature: ____

REMARKS OR REASONS FOR DISAPPROVAL ____

FINAL ACTION ON SITE CLEARANCE: Approved ☐ Disapproved ☐

Date Applicant Notified: ____ Signature ____

FORM HD-33(67) SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone 432-7611)

FILE NO. 119

PROPERTY WHERE SOIL TESTED: Part of 15 Irreg Tract Owner: Whitehead Oil Co.
Location: Township 11
Section & ¼ Sect. 34 Range 7 Address 2537 Randolph
Property Dimensions: ___ ft. x ___ ft.
Area: ___ acres. (Attach sketch of property showing hole location).
Soil Type: Silty Clay ☐; Silty Clay Loam ☐; Sandy Loam ☐
Silty Loam ☒; Clay Loam ☐; Sandy Clay ☐

Dates of Tests: 8/13 to 8/14. Weather: Precip. 0 Temp. 85° F.

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				
Hole 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. Min.)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./inch)
1	30	8/13	8 00	8/13	1:00	8/14	8 30	6	9 00	4 5/8	30	1 3/8	21
2	30	8/13	9 00	8/13	"	8/14	8 30	6	9 00	4 1/4	30	1 3/4	17
3	30	8/13	"	8/13	"	8/14	8 30	6	9 00	4 1/4	30	1 3/4	17
4	30	8/13	"	8/13	"	8/14	8 30	6	"	4	30	2	15
5	30	8/13	"	8/13	"	8/14	8 30	6	"	4	30	2	15
6	30	8/13	"	8/13	"	8/14	8 30	6	"	4 1/4	30	1 7/8	16

Sum of Percolation Rates 101
Average of Rates: 17
Mean of Rates: 18

Justin Pumping Se.
Signature of Person Conducting Test

Address 2525 P
Phone: 435-3324

(Do not write below this line)

REVIEWING ACTION

REMARKS: _____

Approved Percolation Rate(s)
A. 18 min./inch
B. _____ min./inch
C. _____ min./inch

DATE: 8/15/69

K. V. [illegible]
Signature of Reviewing Official

FORM HD-32a(67) PLANS & SPECIFICATIONS
SEWAGE DISPOSAL SYSTEM
(Annex to Application)
Ordinance No. 9150

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 432-7611)

FILE NO. 119

SPECIFICATIONS

DATE: 8/18/69

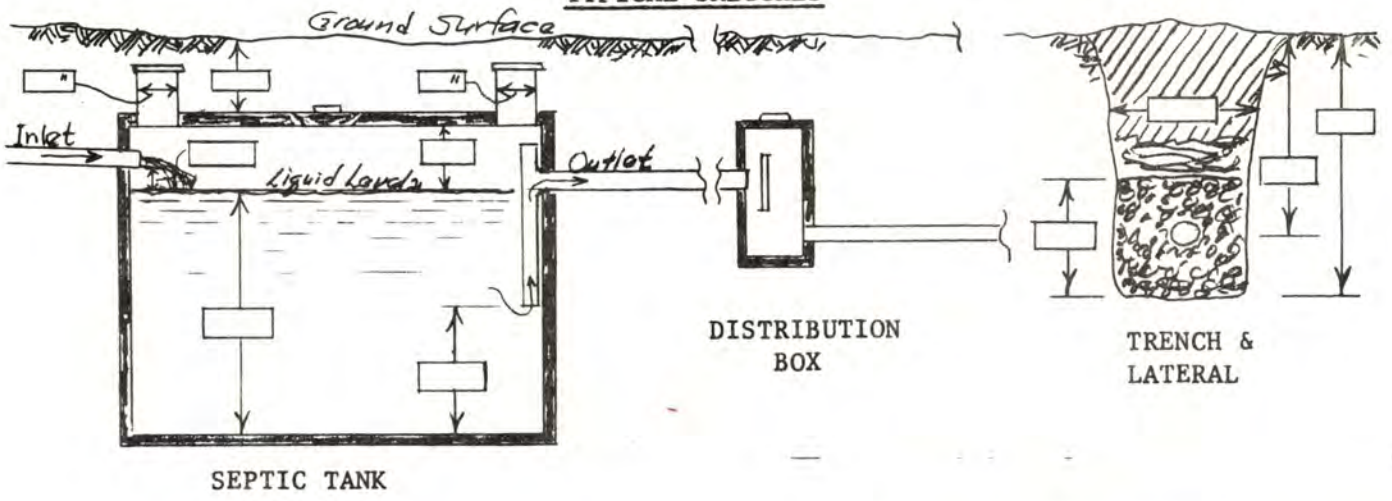
A. BUILDING SEWER:
1. Material CAST IRON; Diameter 4 in.
2. Distance above basement floor ___ in.; or below basement floor ___ in.
3. Distance between dwelling and septic tank 15 ft.
4. Number of clean-outs 1.
5. Distances To:
   Well or Suction Line 16 ft.;
   Stream ___ ft.; Pressure Line ___ ft.;
   Property Line 15 ft.

B. SEPTIC TANK (Provide construction drawings.)
1. Material concrete; No. of compartments 1.
2. Capacity 500 gals.; Liquid depth 41 in.
3. Factory Built: Yes ☐ (Company Fic-Cast) No ☐
4. Manholes: Over Inlet; diam. 8 in.
   Over Outlet; diam. 8 in.
   Below Grade 14 in.
5. Inlet: Baffle ☐; or Tee ☒
6. Outlet: Baffle ☐; or Tee ☐
   Depth of outlet below inlet 1 in.
7. Depth of top of tank below finished grade 14 in.
8. Distances To:
   Well or Suction Line 60 ft.;
   Stream ___ ft.; Pressure Line ___ ft.;
   Property Line 170 ft.

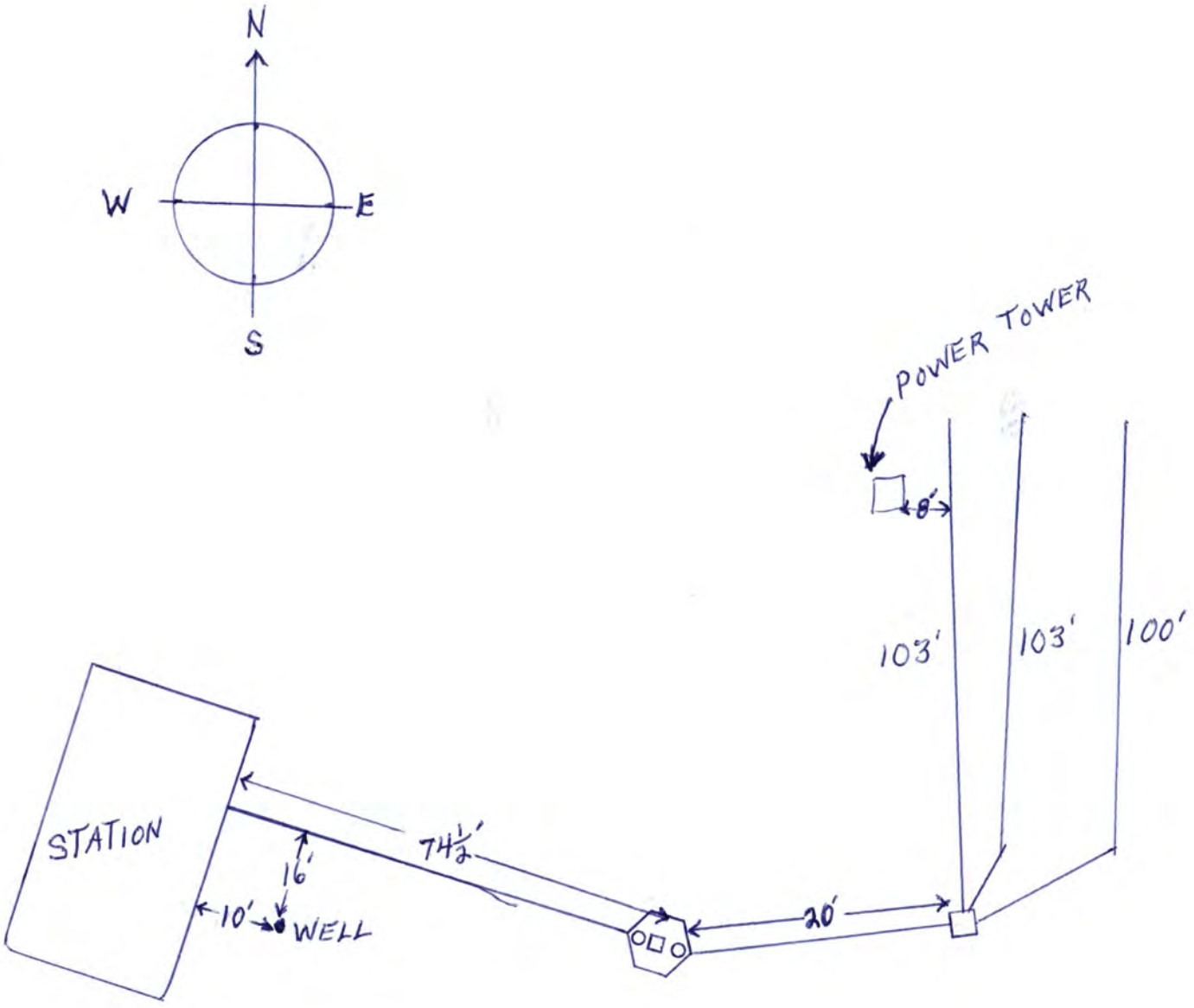
C. DISTRIBUTION BOX
1. Material concrete; No. available outlets ___.
2. Factory Built: Yes ☐, (Company Fic-cast Step) No ☐
3. Dimension: Length 20 in.; Width 14 in. Depth 12 in.
4. Distance from Septic Tank 5 ft.
5. Serial Distribution: Yes ☐, No ☒ (If yes, show detailed plans.)

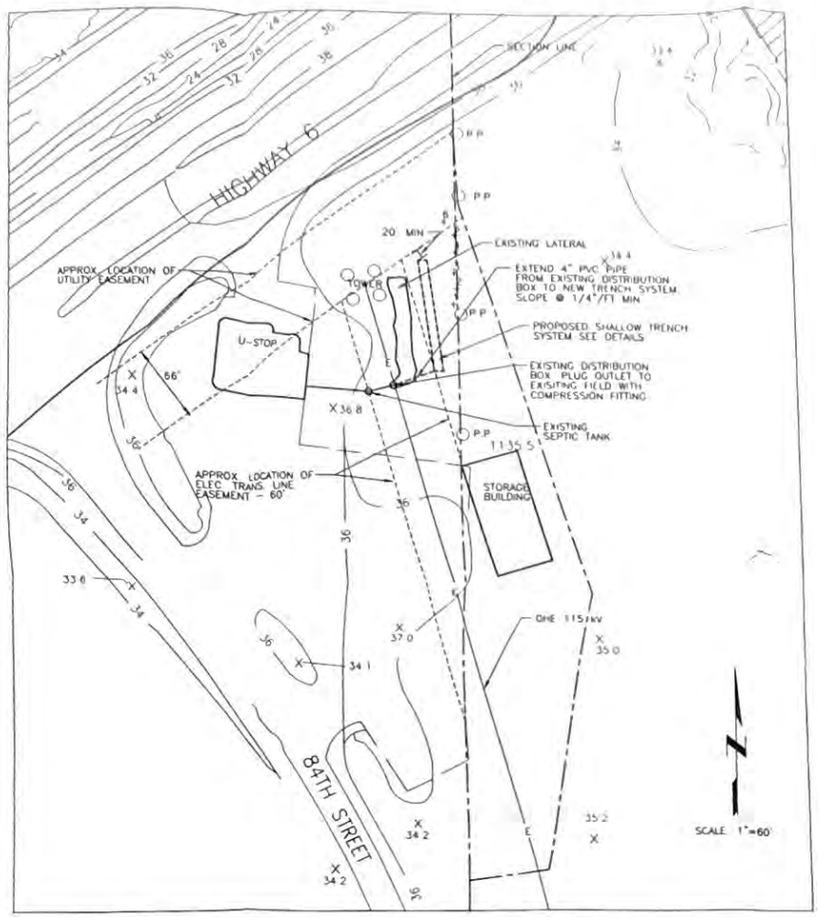
D. ABSORPTION FIELD: (Provide drawings.)
1. Type: Concrete ☐ TORANGEBURG
2. Lateral Lines: Depth below grade 0 in. Number 3; Length of each line 100 ft Total length of Laterals 300 ft.; Slope 6 in/100 ft. Diameter of pipe 24 in.; Shape ☐
   Material: concrete ☐; fiber asbestos ☐; clay ☐; other ___
   Distance between lateral lines 12 ft.
3. Trench Dimensions: Depth 40 in.; Width 36 in.
4. Filter Material: gravel. Depth of material from trench bottom 16 in.
5. Distances To:
   Well or Suction Line 15 ft.;
   Stream ___ ft.; Pressure Line ___ ft.
   Property Line 20 ft.
6. Percolation Rate: 18 minutes/inch

TYPICAL SKETCHES



Signature of Applicant


N
W
E
S
POWER TOWER
8'
103'
103'
100'
STATION
74½'
16'
10'
WELL
20'

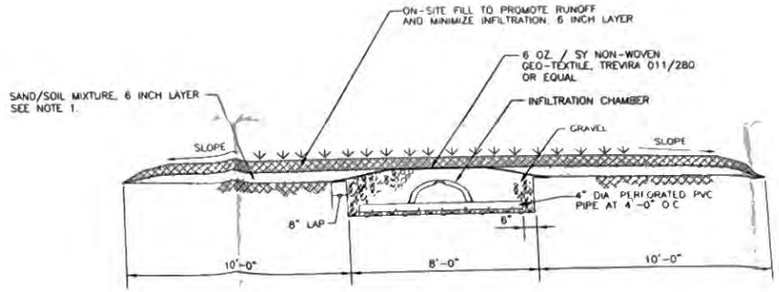


LEGEND

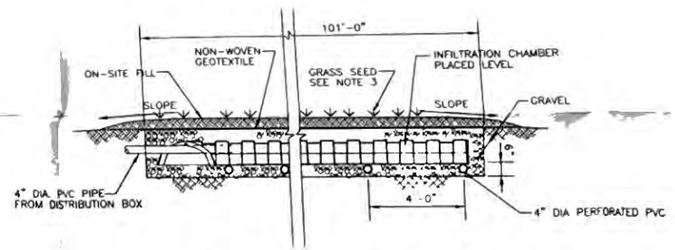
- 36 — EXISTING CONTOUR
- P — PERCOLATION TEST HOLE
- E — ELECTRIC LINE
- UTILITY EASEMENT
- X 34.2 — SPOT ELEVATION

PERCOLATION TEST RESULTS
FINAL 30 MINUTES

HOLE NO	ELAPSED TIME (MIN)	WATER LEVEL DROP (INCH)	PERCOLATION RATE (MIN/INCH)	TEST HOLE DEPTH (IN)
1	30	1 1/2	20	14
2	30	1 1/4	24	14
3	30	1 3/4	17	12
4	30	1 1/2	20	14
5	30	1	30	15
6	30	1 1/4	24	13



SHALLOW TRENCH – TRANSVERSE SECTION
NOT TO SCALE



SHALLOW TRENCH – LONGITUDINAL SECTION
NOT TO SCALE

GENERAL NOTES

1. MIX 47B FINE AGGREGATE(SAND) WITH ON-SITE SOILS AT 1:1 RATIO
2. PROVIDE AT LEAST 30 FT SEPARATION BETWEEN TRENCH SYSTEM AND CITY OF LINCOLN WATER TRANSMISSION MAIN.
3. THE 28 FT WIDE X 100 FT LONG AREA ABOVE THE SHALLOW TRENCH SYSTEM SHALL BE SEEDED WITH "FLOOD PLAIN MIX" AT A RATE OF 20# PLS/ARCE. CONTACT STOCK SEED FARM, MURDOCK, NE.
4. CONTRACTOR SHALL COMPLETE AND SUBMIT LLCHD FORM D FOLLOWING COMPLETION OF CONSTRUCTION

OLSSON ASSOCIATES

CONSULTING ENGINEERS
1111 Lincoln Mall
P.O. Box 84608
Lincoln, NE 68501-4608
402-474-6311

SHALLOW TRENCH LEACH FIELD

WHITEHEAD INC.
U-STOP
84TH & HWY 6

LINCOLN NEBRASKA
1997

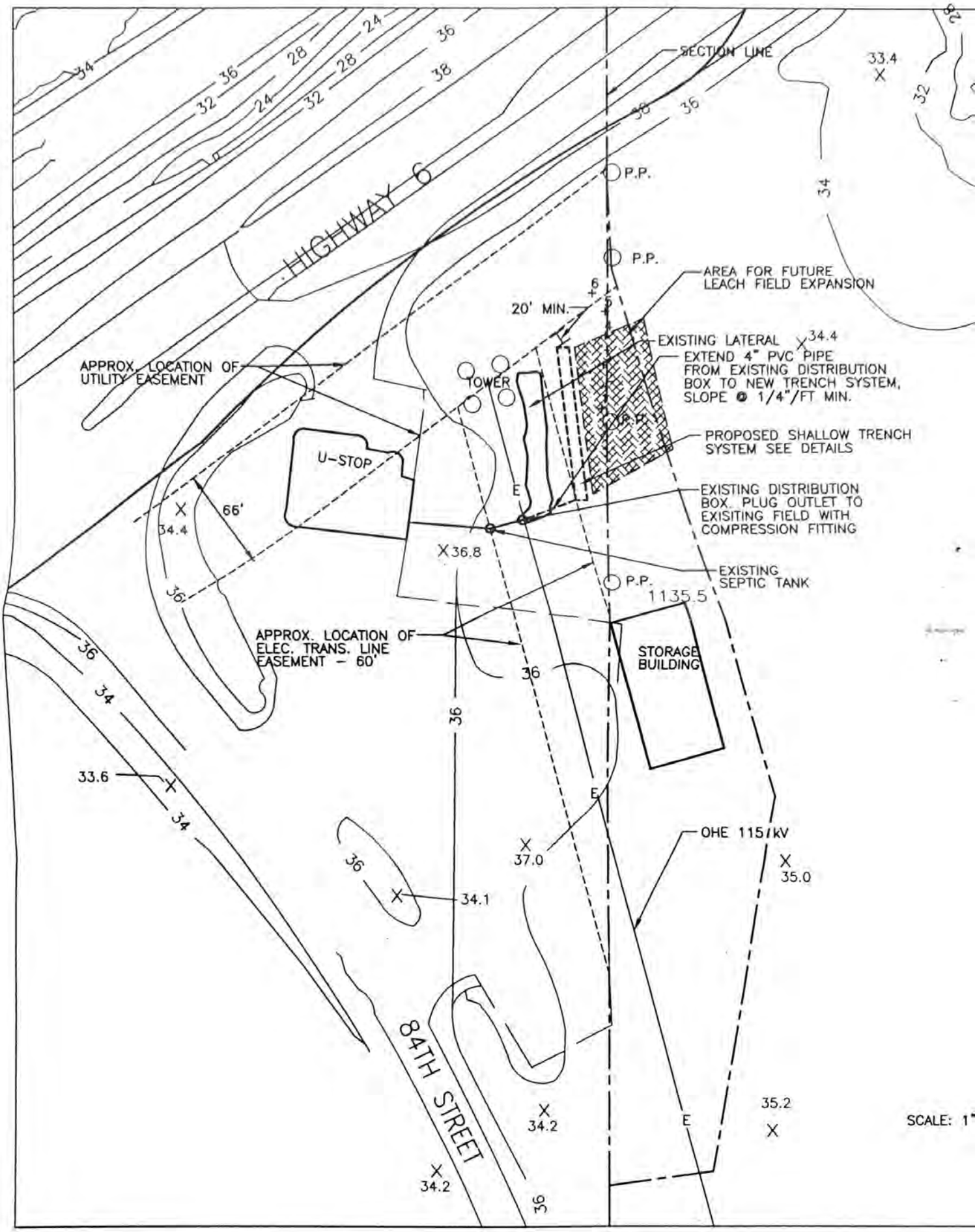
drawn by	JBD
checked by	JSO
approved by	JSO
project no	970197
drawing no	12853
date	06/18/97
revisions	

REGISTERED PROFESSIONAL ENGINEER
JOHN S. OLSSON
E-7480
6/18/97
STATE OF NEBRASKA

7-14-97

SHEET 1 OF 1

G:\970197\DWG\WHITE SF=150


HIGHWAY 6
SECTION LINE
P.P.
P.P.
AREA FOR FUTURE LEACH FIELD EXPANSION
20' MIN.
EXISTING LATERAL
EXTEND 4" PVC PIPE FROM EXISTING DISTRIBUTION BOX TO NEW TRENCH SYSTEM, SLOPE @ 1/4"/FT MIN.
APPROX. LOCATION OF UTILITY EASEMENT
TOWER
U-STOP
PROPOSED SHALLOW TRENCH SYSTEM SEE DETAILS
EXISTING DISTRIBUTION BOX. PLUG OUTLET TO EXISITING FIELD WITH COMPRESSION FITTING
66'
EXISTING SEPTIC TANK
P.P.
1135.5
APPROX. LOCATION OF ELEC. TRANS. LINE EASEMENT – 60'
STORAGE BUILDING
OHE 115 kV
84TH STREET
SCALE: 1"
LEGEND
EXISTING CON
PERCOLATION
ELECTRIC LINE
UTILITY EASEM