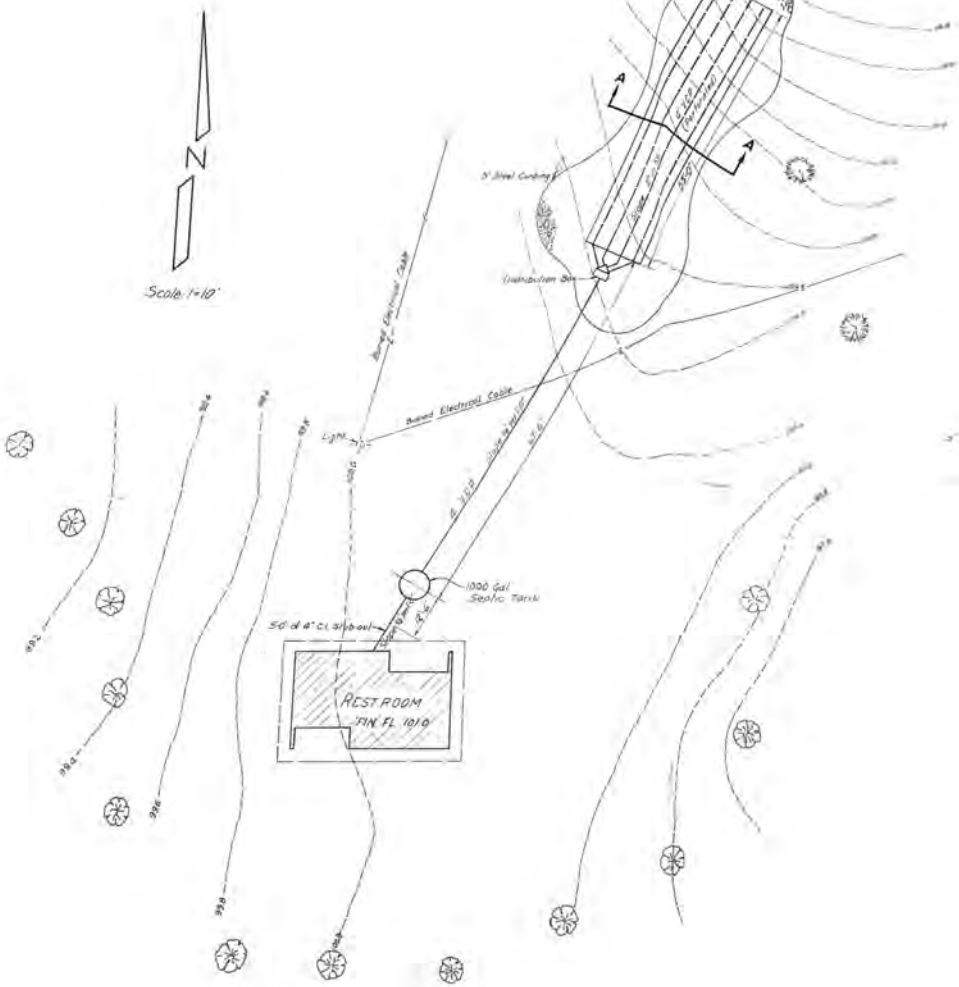
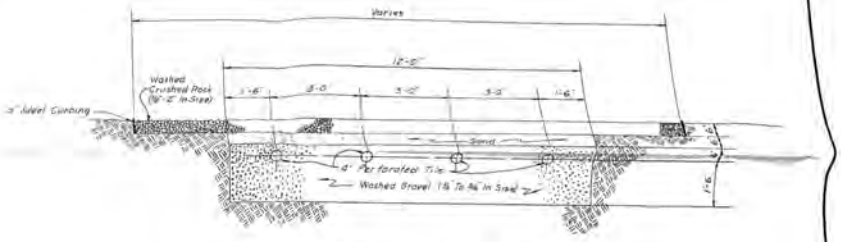






SECTION A-A

Scale: 1"=5'-0"

Approximate Quantities

Crushed Rock	CY 19
Sand	CY 13
Washed Gravel	CY 49

DETAILS OF
SEPTIC TANK SYSTEM
HOLMES PARK

CITY OF LINCOLN NEBRASKA
OFFICE OF THE CITY ENGINEER

DATE	April 1988	SCALE As Shown	SHEET NO.
NO. SHEETS	DRAWN JA	CHECKED HES	1
1	APPROVED		
DRAWING No.		E-19-18	

CITY OF LINCOLN NEBRASKA

DEPARTMENT OF LICENSES AND PERMITS

File No. 1134

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION — February 10, 1978
TYPE OF LICENSE OR PERMIT — THIS LICENSE OR PERMIT EXPIRES

ARnold J. Moellendorf — 2740 A Street, Lincoln, NE
LICENSEE OR PERMITTEE — ADDRESS

T9N, R7E, Section 4, Lot 75 I.T.
NAME OF ESTABLISHMENT, IF ANY — ADDRESS

REMARKS: NON-TRANSFERABLE

PERMIT	INSPECTION FEE	OCCUPATION TAX	LICENSE	TOTAL
$ 00.00	$	$	$	$ 00.00

ACCOUNTING NO.	ACCOUNTING NO.	ACCOUNTING NO.	CODE
624-1535	110.16	148.14	6-2

SERIAL NO. — DATE — AMOUNT

NO CHARGE
VALID RECEIPT ONLY IF MACHINE RECEIPTED IN THIS SPACE

HEALTH APPLICATION

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

FORM HD-40(73) REQUEST FOR SITE CLEARANCE 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: 475-6221)

FILE NO. 1134

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

DATE: _____

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

1. Legal description of property: Twp. 9N ; Range 7E ; Section 4
Block _____; Lot 75 I.T.; Addition _____
Street Address _____

2. Property Use: Residential _____ ☐ ; Commercial _____ ☐
No. of Bedrooms _____. Describe: _____
Other Use _____ ☒
Describe: HYDE OBSERVATORY

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

4. Distance to public sewer: _____ ft.

Arnold J. Muellendorf P.E
Signature of Applicant (Owner or Lessee)

2740 "A" St. Lincoln Neb.
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 8/10/77. Date Frwd. 8/10/77. ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Hood

2. Supt. Bldg. Insp.: Date Rec'd. 9-10-77. Date Frwd. 9-10-77. ACTION: Approved ☒ Disapproved ☐ Signature: Williamson

3. City or County Engineer: Date Rec'd. 8/10/77. Date Frwd. 8/10/77. ACTION: Approved ☒ Disapproved ☐ Signature: Joe Rieb

REMARKS OR REASONS FOR DISAPPROVAL _____

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

FORM HD-42(73) APPLICATION FOR PERMIT TO CONSTRUCT INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 [X]
County Resolution No. 2832 [ ]

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO. 1134

DATE: _____

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 appropriate Ordinance or Resolution, as described in this application and the annexed forms attached hereto.

1. Legal description of property: Twp. 9N ; Range 7E ; Section 4 ; Block ; Lot 75 I.T. ; Addition _____.
Street Address _____.

2. Property Use: Residential _____ [ ]; Commercial _____ [ ]
No. of Bedrooms _____ Describe: _____
Other Use _____ [X]
Describe: HYDE OBSERVATORY

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

4. Plans and Specifications of Proposed System. (See FORM HD-45(73) PLANS & SPECIFICATIONS, SEWAGE DISPOSAL SYSTEM, attached hereto.)

5. Soil Absorption Properties. (See FORM HD-43(73) SOIL ABSORPTION TEST DATA REPORT, attached hereto).

Arnold J. Mosellen Jr P.E.
Signature of Applicant (owner or lessee)

2740 "A" St. Lincoln Neb.
Address

(Do not write below double line)

REVIEWING ACTION

1. Date Rec'd: _____
Filing Fee: $ No. fee

2. Site Visits:
Date: 8-18-77 by: jw
Date: _____ by: _____
Date: _____ by: _____

3. Date: Approved [X]; Disapproved [ ] 8/19/77
by: Jerrold C. Hood

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: 8-18-77 by: James Wevercka

FORM HD-43 (73) 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 474-1541)

FILE NO. 1134

PROPERTY WHERE SOIL TESTED:
Location: Township _____ : Range _____
Section & ¼ Sect. _____
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
1 hole

Owner: City
Address: Holmes Park new observatory

Dates of Tests: aug 3-77 to aug 4-77. Weather: Precip. 5/100 Temp. 80's

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. Min.)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rates (Min./inch)
1	32"	8/3	4:30 PM	8/4	4:00 PM	8/4	4:00 PM	12"	7 PM	6	30	3/4	
2										7½		½	
3										6¼		3/4	
4										7		½	
5										3		1	
6										7		½	

Robert D Johnson
Signature of Person Conducting Test

Address 2618 no 32d
Phone 432 3595

Sum of Percolation Rates: _____
Average of Rates: _____
Mean of Rates: _____

(Do not write below this line)

REVIEWING ACTION

REMARKS: Wymore Silty Clay Loam and Sharpsburg Silty Clay Loam. (S.C.S.)

DATE: August 8, 1977

Approved Percolation Rate (a)
A. 44 min./inch
B. _____ min./inch
C. _____ min./inch

Jerrold C. Hood
Signature of Reviewing Official

FORM HD- 45(73) PLANS & SPECIFICATIONS
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: 475-6221)

FILE NO. 1134

SPECIFICATIONS

DATE: _____

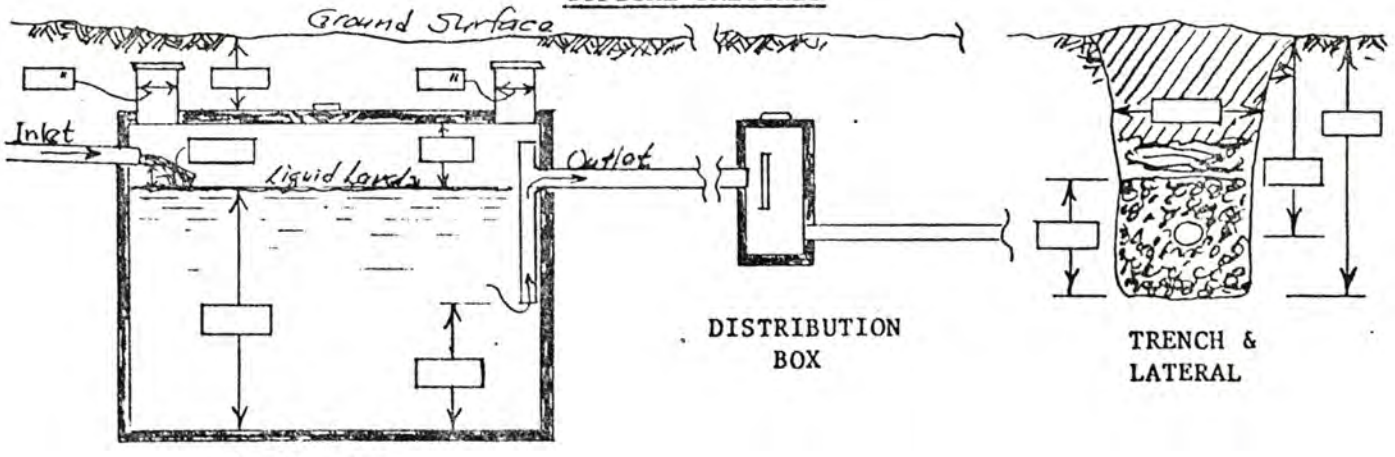
A. BUILDING SEWER:
1. Material _____; Diameter ____ in.
2. Distance above basement floor ____in.; or below basement floor ____in.
3. Distance between dwelling and septic tank ____ft.
4. Number of clean-outs _____.
5. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

B. SEPTIC TANK (Provide construction drawings.)
1. Material Concrete; No. of compartments _____.
2. Capacity 1000 gals.; Liquid depth 54 in.
3. Factory Built: Yes ☒ (Company Cast Stone) No ☐
4. Manholes: Over Inlet; diam. 6 in.
Over Outlet; diam. 6 in.
Below Grade _____in.
5. Inlet: Baffle ☐; or Tee ☐
6. Outlet: Baffle ☒; or Tee ☐
Depth of outlet below inlet ___in.
7. Depth of top of tank below finished grade ____in.
8. Distances To:
Well or Suction Line ____ft.;
Stream ____ft.; Pressure Line ____ft.;
Property Line ____ft.

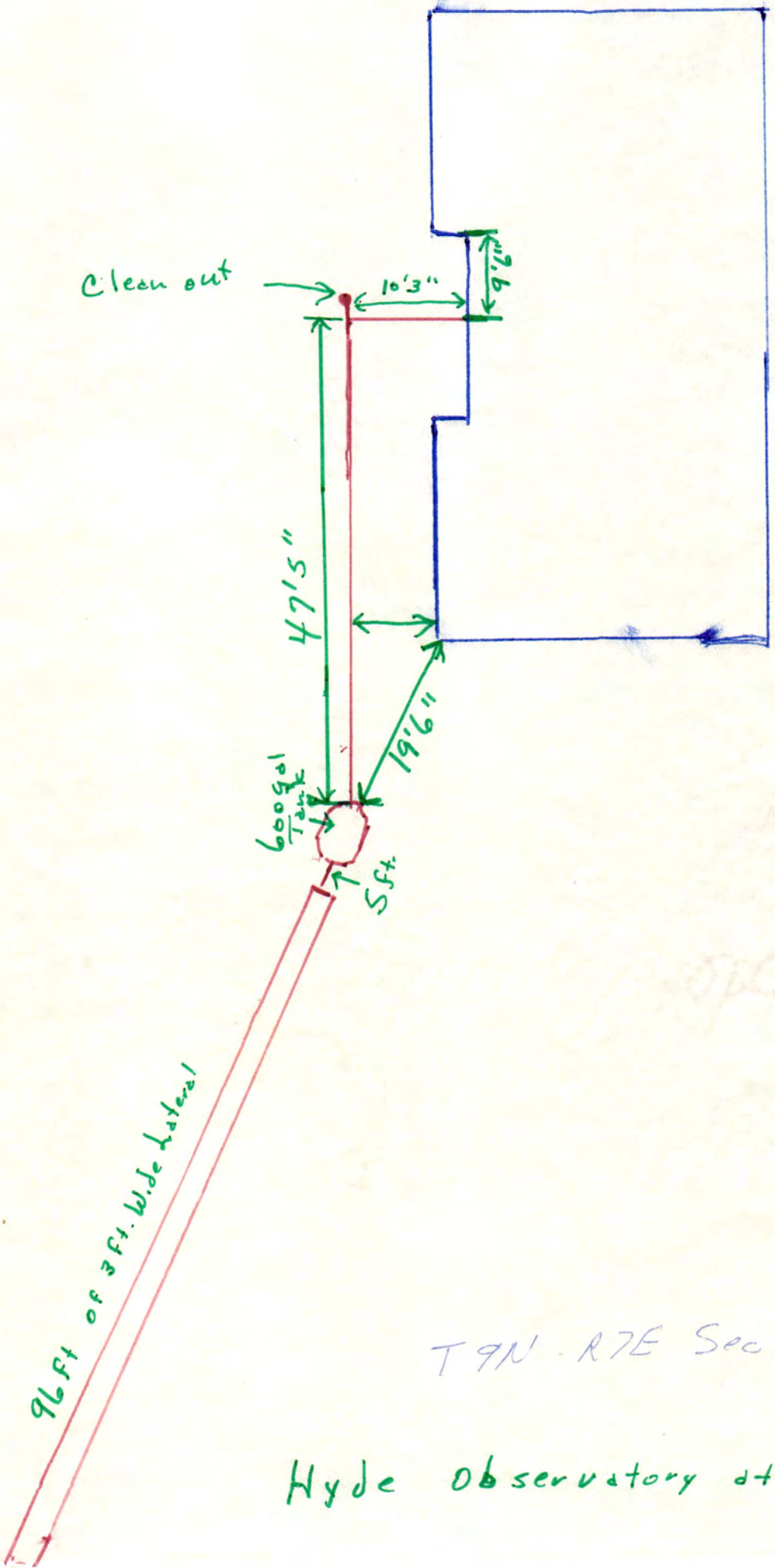
C. DISTRIBUTION BOX
1. Material Concrete; No. available outlets 5.
2. Factory Built: Yes ☒, (Company Cast Stone) No ☐
3. Dimension: Length 24 in.; Width 14 in. Depth 14 in.
4. Distance from Septic Tank ____ft.
5. Serial Distribution: Yes ☐, No ☐ (If yes, show detailed plans.)

D. ABSORPTION FIELD: (Provide drawings.)
1. Type: Half moon
2. Lateral Lines: Depth below grade __in.
Number ____; Length of each line ___ft
Total length of Laterals 96 ft.;
Slope ____in/100 ft. Diameter of pipe 20 in.; Shape Half moon
Material: concrete ☒; fiber asbestos ☐; clay ☐; other _____
Distance between lateral lines ____ft.
3. Trench Dimensions: Depth ___in.; Width 48 in.
4. Filter Material: gravel washed.
Depth of material from trench bottom _____in.
5. Distances To:
Well or Suction Line ____ft.;
Stream _____ft.; Pressure Line ____ft.
Property Line ____ft.
6. Percolation Rate: _____minutes/inch

TYPICAL SKETCHES



_____
Signature of Applicant



T9N . R7E Sec 4

Hyde Observatory at Holmes Park