LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

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

NON TRANSFERABLE

PERMIT

Permit
SEWAGE INSTALLATION

No. 96380139901

Issued 02/21/96
Expires 02/21/96
Revenue Code 18754

Establishment
DALE BUCHHOLZ
T9N R6E SEC 17
HITCHING POST BLK 3 LOT 2

FEES: $150.00

TOTAL $150.00

Permittee
DALE BUCHHOLZ
6001 HITCHING POST LN
LINCOLN NE 68523

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"

MOSER IS DRILLER

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
3140 N Street
Lincoln NE 68510
(402)-441-8022

A

FILING FEE: $ 150.00

FILE NO. 96380139

DATE: 4-9-96

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. 9N ; Range 6E ; Section 17 ;
   Block 3 : Lot 2 : Addition Hitching Post Hills 2nd add.
   Street Address 2901 West Paddock

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

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

4. Distance to public sewer: _____ ft.

Don Buckley
Signature of Applicant (Owner or Lessee)

2901 W/c Paddock 68523
Address
Don't veri send info to this address

(Do not write below this double line)

1. Health Department:	Date Rec'd. 2/6/96 . Date Frwd. 2/13/96 .	ACTION: Approved ☒ Disapproved ☐ Signature:	Jerrold C. Hood
2. Supt. Bldg. Insp.: or Village Clerk	Date Rec'd. 2/15/96 . Date Frwd. 2/15/96 .	ACTION: Approved ☒ Disapproved ☐ Signature:	TK
3. City or County Engineer :	Date Rec'd. 2-15-96 . Date Frwd. 2-15-96 .	ACTION: Approved ☒ Disapproved ☐ Signature:	Dennis Bartels

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 4-9-96 by: P.D
Date: _____ by: _____
Date: _____ by: _____

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

INSTALLATION FINAL WRITTEN APPROVAL
Date: 4-9-96 By: Paul Bingham

FORM 23-43

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
3140 N Street
Lincoln NE 68510
(402)-441-8022

B

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township _____; Range _____; Section & ¼ Section _____.
Property Dimensions: 550.80 ft. x 345.02 ft. Area: 4 acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☐ ; Silty Clay Loam ☐ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .
Dates of Tests: 2-10-96 to 2-11-96. Weather: Precip. 0 Temp. 40°.

OWNER: Dale Buchholz

Address: 2901 West Paddock

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings DROP IN 30 MIN						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	36"	2-10-96	11:00 am	2-11-96	11:00 am	2-11-96	11:00 AM	18"	3:00 PM	13⅜"	4 hrs.	10"	24 (22 MIN/IN)
2										14¼"		11	21.818 (24 MIN/IN)
3										13¾"		9	26.666 (17 MIN/IN)
4										2½"		15"	16 (12 MIN/IN)
5										3½"		10	24 (9 MIN/IN)
6										1⅞"		8	30 (16 MIN/IN)
7										3⅛"		7	34.285 (10 MIN/IN)

Dale Buchholz
Signature of Person Conducting Test

Sum of Percolation Rates: 176.755
Average of Rates: 25.250
Mean of Rates: _____

Address 6001 Hitching Post Road Phone 421-8209 W 479-5455

(Do not write below this line)

REVIEWING ACTION

Remarks: Figures in wrong columns explained by John Miner & Dale Buchholz
Soil Type (SCS): Wymore Silty Clay Loam
Date: February 15, 1996

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

Jerrold C. Hood
Signature of Reviewing Official

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
3140 N Street
Lincoln NE 68510
(402)-441-8022

B

FILE NO. _____

PROPERTY WHERE SOIL TESTED:

Location: Township _____; Range _____; Section & ¼ Section _____.
Property Dimensions: 550.80 ft. x 345.02 ft. Area: 4 acres. (Attach Sheet C with sketch of property).
Soil Type: Silty Clay ☐ ; Silty Clay Loam ☐ ; Sandy Loam ☐ ; Silt Loam ☐ ; Clay Loam ☐ .
Dates of Tests: Jan. 13-96 to Jan. 14-96. Weather: Precip. 0 Temp. 70° to 30°

OWNER: Dale Buchholz

Address: _____

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.) 36"	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	↓	1-13-96	12 noon	1-14-96	12:30 Pm.	1-14-96	12:30 Pm	8"	5:30 Pm		4 hrs.	3	240/3" .075 Per min
2												7	240/7" .02916
3												4½	240/4½" .01875
4												4¼	240/4¼" .0177
5												8" Empty	240/8" .0333
6												4⅞	240/4⅞ .0203

Sum of Percolation Rates: 31.625
Average of Rates: min. 240/5.27
Mean of Rates: _____

Dale Buchholz
Signature of Person Conducting Test

Address 6001 Hitching Post Lane Phone 421-8209
WK. 479-5455

(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 20102-0477
PRELIMINARY 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
3140 N Street
Lincoln NE 68510
(402)-441-8022

C

Sketch of property showing Percolation Test hole locations, well, residence, direction and property line.

FILE NO. _____

Indicate on sketch if residence and well are exisiting or proposed.

See attached site Plan

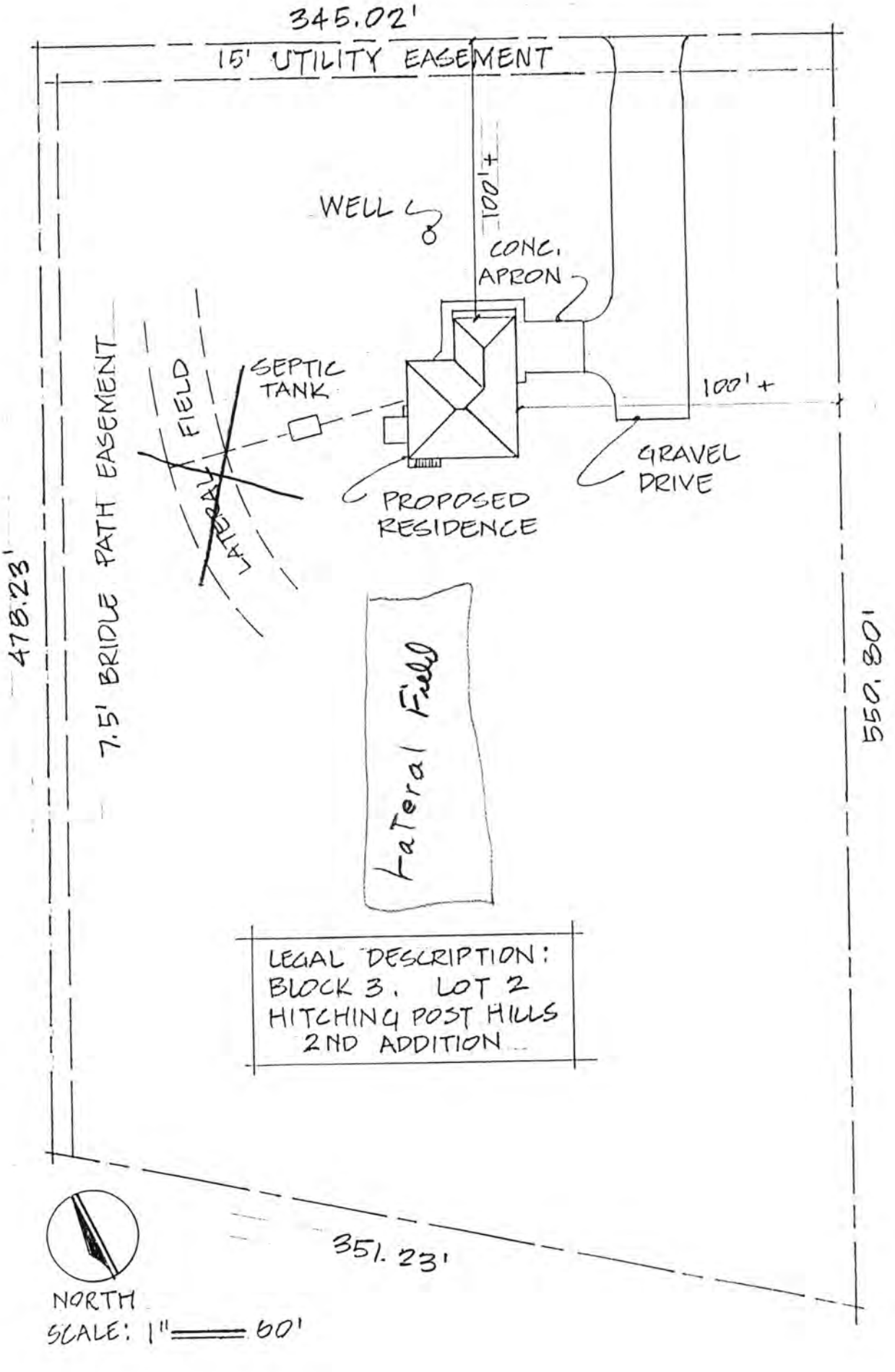
REVIEWING ACTION

Remarks: _____

Date: February 15, 1996

Minimum Design Requirement
1. Capacity of Septic Tank 1000 gals.
2. Total Length of Laterals _____ ft.
3. With a Trench Width of _____ in.
4. Total Area of Lateral needed 404 sq.ft.

Jerrold C. Hood
Signature of Reviewing Official


345.02'
15' UTILITY EASEMENT
100'+
WELL
CONC. APRON
SEPTIC TANK
FIELD
LATERAL
LATERAL
100'+
GRAVEL DRIVE
PROPOSED RESIDENCE
7.5' BRIDLE PATH EASEMENT
478.23'
Lateral Field
550.80'
LEGAL DESCRIPTION:
BLOCK 3. LOT 2
HITCHING POST HILLS
2ND ADDITION
351.23'
NORTH
SCALE: 1" = 60'

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: _____

FILE NO. _____

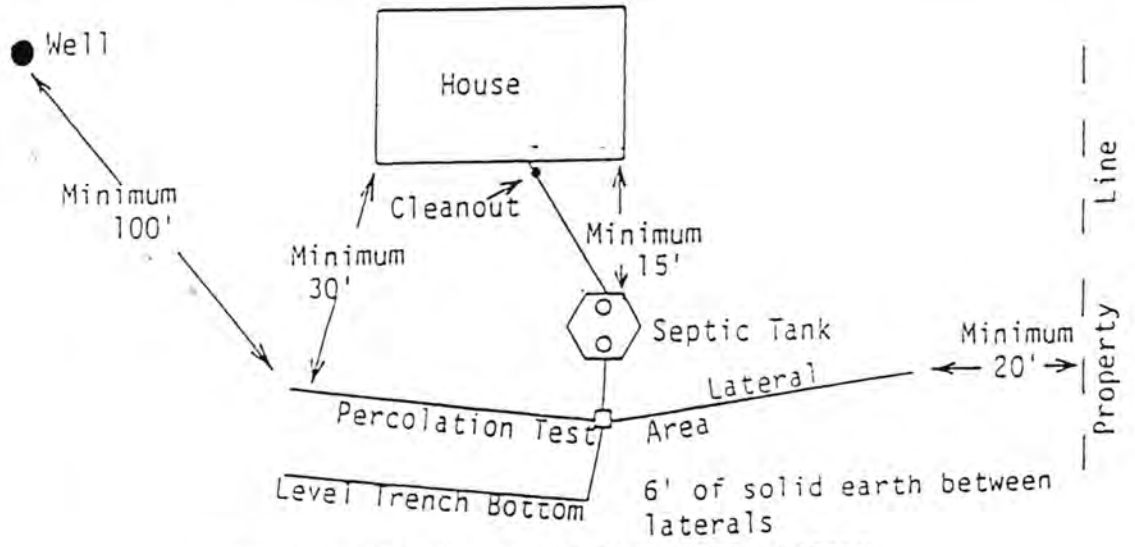
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material Cast Iron Pipe; Diameter 4 in.
2. Distance above basement floor _____ in., or below basement floor 8 in.
3. Distance between dwelling and septic tank 75 ft.
4. Number of clean-outs 1.
5. Distances to:
Well or Suction Line _____ ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.

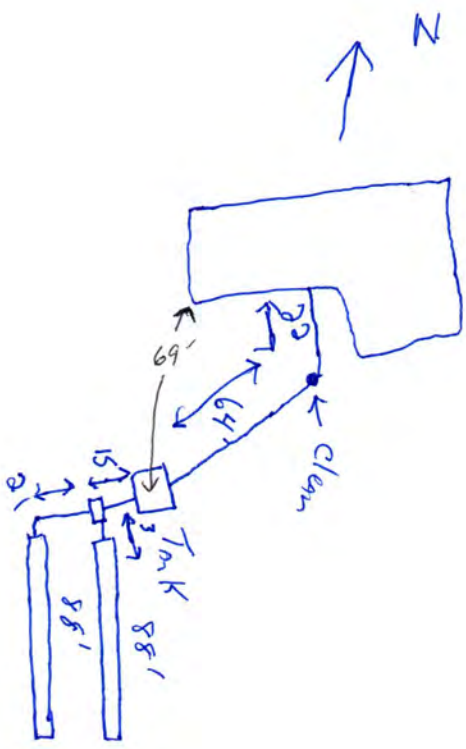
B. SEPTIC TANK:
1. Material Concrete; No. of compartments 1.
2. Capacity 1000 gals.;
3. Factory Built: Yes ☒ No ☐
(Company American)
4. Manholes: Over Inlet; diam. 4 in.
Over Outlet; diam. 4 in.
Riser Above ☐ Below ☒ Grade 10 in.
5. Inlet: Baffle ☐ ; or Tee ☐
6. Outlet: Baffle ☐ ; or Tee ☐
7. Depth of top of tank below finished grade 10 in.
8. Distances to:
Well or Suction Line _____ ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.

C. DISTRIBUTION BOX:
1. Material Concrete; Number - available outlets 5.
2. Factory Built: Yes ☒ No ☐
(Company American)
3. Distance from Septic Tank 15'6" ft.

D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round 2' or Perforated Pipe _____.
Material: fiberglass ☐ ; plastic ☐ ; concrete ☒ ; other _____.
2. Lateral Lines:
Number 2 ; Length of each line 88', 88, _____, _____, _____ ft.;
Total length of laterals 176 ft.;
Distance between lateral lines 6' ft.
3. Trench dimensions: Width 4' ft.;
Slope 2 in/100 ft.; Average Depth 4' in.
4. Filter Material: Gravel
Depth of Material 2' in.
5. Distances to:
Well or Suction Line _____ ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


N
69'
20'
64'
Clean
15'
Tank
88'
88'