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. 95380129301

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

Establishment
ROBERT RYAN
T9N R8E SEC 16
14300 PINE LAKE ROAD

FEES: $150.00

TOTAL $150.00

Permittee
ROBERT RYAN
6101 S 25 ST
LINCOLN NE 68512

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
3140 "N" STREET LINCOLN, NE 68510-1514

A

FILING FEE: $_____

FILE NO. _____

DATE: 5/26/95

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. 7 9N ; Range 8E ; Section 16 ;
   Block _____ : Lot _____ : Addition PARCEL A
   Street Address 14300 Pine Lake Road

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

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

4. Distance to public sewer: _____ ft. EXPERIMENTAL SYSTEM

ROBERT RYAN RESIDENCE

Donn R Mann Manufacturer
Signature of Applicant (Owner or Lessee)

6101 S 25th
Address
Lincoln, Ne 68512

(Do not write below this double line)

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

2. Supt. Bldg. Insp.: or Village Clerk: Date Rec'd. 4-27-95. Date Frwd. 4-27-95. ACTION: Approved ☒ Disapproved ☐ Signature: Rick Dan

3. City or County Engineer: Date Rec'd 4-27-95. Date Frwd. 4-29-95. ACTION: Approved ☐ Disapproved ☐ Signature: Larry V. Worrell

REMARKS OR REASONS FOR DISAPPROVAL _____

Site Visits:
Date: 6-22-95 by: rm sewer line only, Dakota, Need riser to ground
Date: 6-23-95 by: rm 3 inch sewer
Date: 6-27-95 by: rm riser installed

PROVISIONAL

INSTALLATION ~~FINAL~~ WRITTEN APPROVAL
Date: 6-27-95 By: Ron Magnuson

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

FORM 23-43

DONN MANN
430-0861 m.

FORM 20105-0477

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

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

B

Job-Location
14300 Pine Lake Rd.

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 ■.

Dates of Tests: 4-15-95 to 4-16-95. Weather: Precip. 0 Temp. 46°

Holes 4-5-6 had water in From Pre-Test

OWNER: Robert M. Ryan

Address: 9920 Windsor Lincoln NE. 68520
483-2700

PERCOLATION TEST DATA TABLE

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.
		Pre-Saturation Period				Percolation Readings							
		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.)	Results Water Level Drop (in.)	Percolation Rates (Min./In.)
1	36"	4-15	1:00 Pm	4-16	7:00 Am	4-16	7:00 Am	6"	8:00 Am	5 5/8	30m	3/8	
2	36"	4-15	1:00 Pm	4-16	7:00 Am	4-16	7:00 Am	6"	8:00 Am	5 3/4	30m	1/4	
3	36"	4-15	1:00 Pm	4-16	7:00 Am	4-16	7:00 Am	6"	8:00 Am	5 7/8	30m	1/8	
4	36"	4-15	1:00 Pm	4-16	7:00 Am	4-16	7:00 Am	6"	8:00 Am	5 7/8	30m	1/8	
5	36"	4-15	1:00 Pm	4-16	7:00 Am	4-16	7:00 Am	6"	8:00 Am	5 7/8	30m	1/8	
6	36"	4-15	1:00 Pm	4-16	7:00 Am	4-16	7:00 Am	6"	8:00 Am	6	30m	0	

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

Mike Averland
Signature of Person Conducting Test

Address 2700 Pine Ave Lincoln NE. Phone 464-0634

(Do not write below this line)

REVIEWING ACTION

Approved Percolation Rate (a)
A. 160 min./inch
B. _____ min./inch
C. _____ min./inch

Remarks: _____

Soil Type (SCS): Wymore Silty Clay Loam

Date: April 27, 1995

Gerald C. Wood
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 ☐

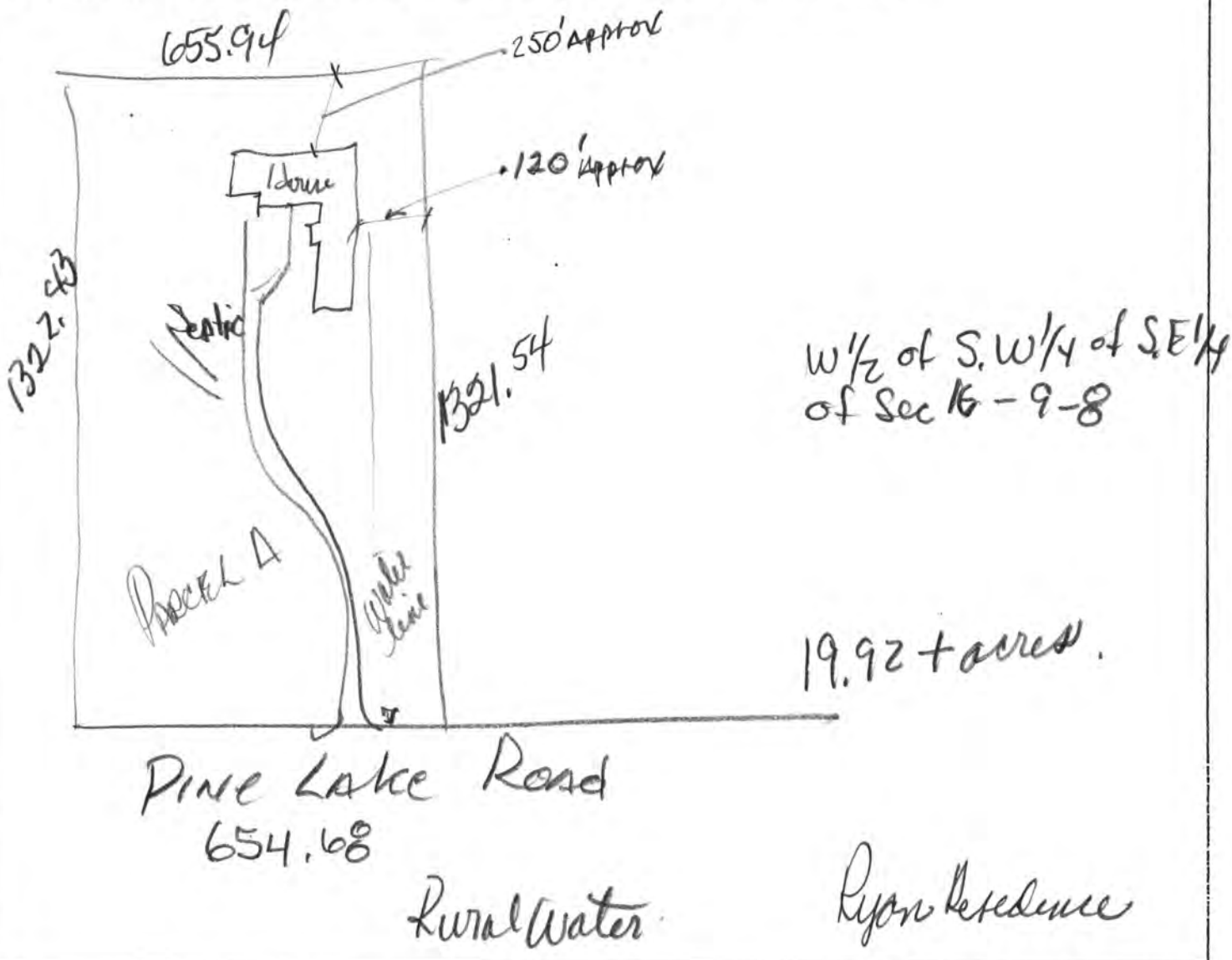
LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 471-7800

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.



REVIEWING ACTION

Remarks:_____

_____

Date:_____

Minimum Design Requirement
1. Capacity of Septic Tank_____gals.
2. Total Length of Laterals_____ft.
3. With a Trench Width of_____in.
4. Total Area of Lateral needed_____sq.ft.

_____
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: _____ 14300 Pine Lake Rd.

FILE NO. _____

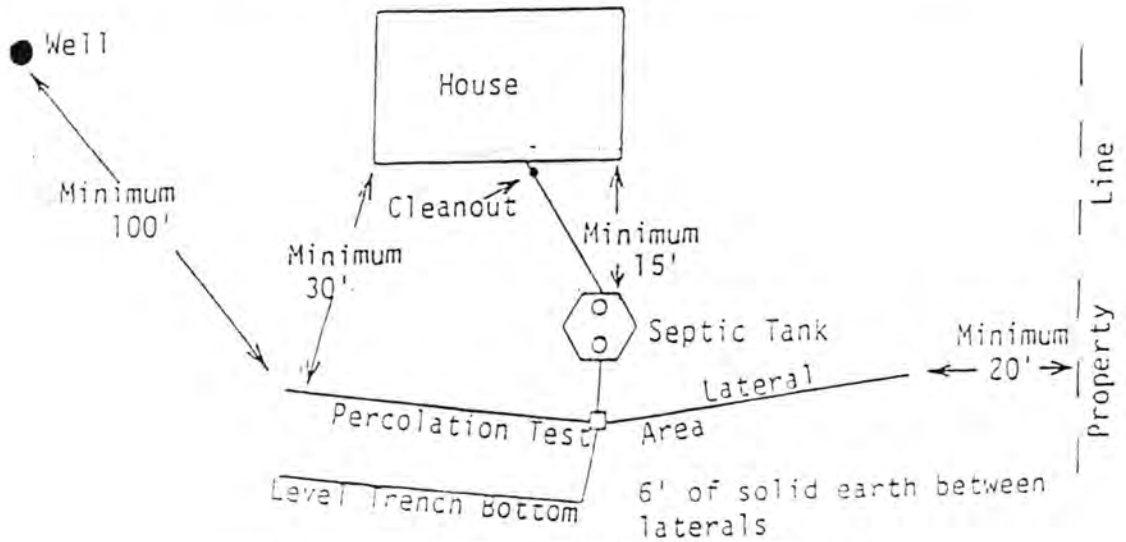
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material Cast ; Diameter 4 in.
2. Distance above basement floor ____ in., or below basement floor 16 in.
3. Distance between dwelling and septic tank 150 ft.
4. Number of clean-outs 1 .
5. Distances to:
Well or Suction Line ____ ft.; Stream ____ ft.; Pressure Line ____ ft.; Property Line ____ ft.

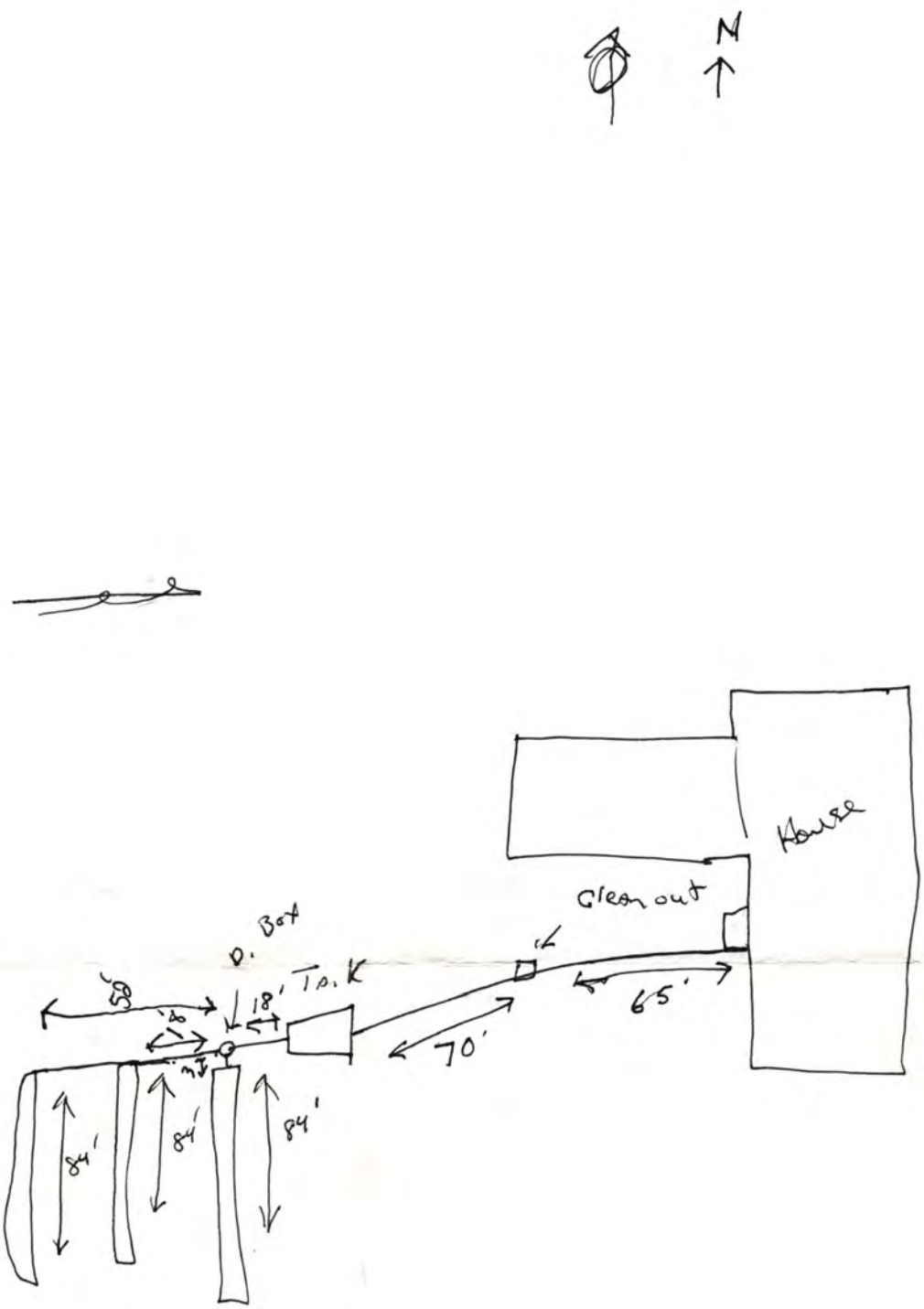
B. SEPTIC TANK:
1. Material Concrete; No. of compartments 1 .
2. Capacity 1250 gals.;
3. Factory Built: Yes ☒ No ☐
(Company Pre cast)
4. Manholes: Over Inlet; diam. ____ in.
Over Outlet; diam. ____ in.
Riser Above ☒ Below ☒ Grade ____ in.
5. Inlet: Baffle ☐ ; or Tee ☐
6. Outlet: Baffle ☐ ; or Tee ☐
7. Depth of top of tank below finished grade 24 in.
8. Distances to:
Well or Suction Line ____ ft.; Stream ____ ft.; Pressure Line ____ ft.; Property Line ____ ft.

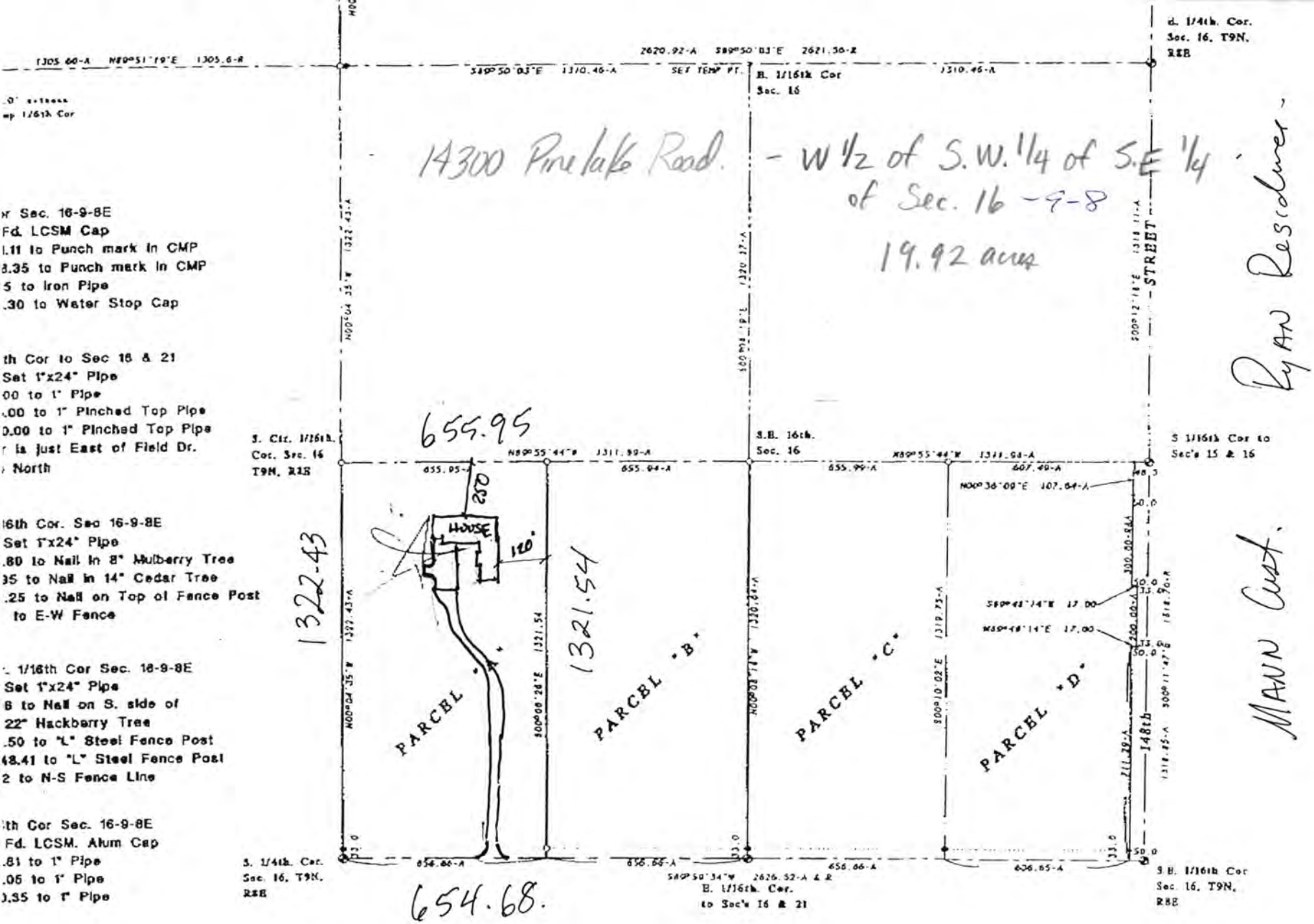
C. DISTRIBUTION BOX:
1. Material Concrete ; Number - available outlets 05 .
2. Factory Built: Yes ☒ No ☐
(Company Precast)
3. Distance from Septic Tank 15 ft.

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 ____.
Material: fiberglass ☐ ; plastic ☐ ; concrete ☒ ; other ____.
2. Lateral Lines:
Number 3 ; Length of each line 84 , 84 , 84 , ____ , ____ ft.;
Total length of laterals 250 ft.;
Distance between lateral lines 12 ft.
3. Trench dimensions: Width 8 ft.;
Slope 2 in/100 ft.; Average Depth 36 in.
4. Filter Material: Sand & Gravel
Depth of Material 6 in. sand in.
5. Distances to:
Well or Suction Line ____ ft.; Stream ____ ft.; Pressure Line ____ ft.; Property Line ____ ft.



TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN


N
House
Clean out
O. Bot
Top of K
18'
70'
65'
84'
84'
84'



r Sec. 16-9-8E
Fd. LCSM Cap
1.11 to Punch mark in CMP
3.35 to Punch mark in CMP
5 to Iron Pipe
.30 to Water Stop Cap

th Cor to Sec 16 & 21
Set 1"x24" Pipe
00 to 1" Pipe
.00 to 1" Pinched Top Pipe
0.00 to 1" Pinched Top Pipe
r is just East of Field Dr.
North

16th Cor. Sec 16-9-8E
Set 1"x24" Pipe
.80 to Nail in 8" Mulberry Tree
35 to Nail in 14" Cedar Tree
.25 to Nail on Top of Fence Post
to E-W Fence

1/16th Cor Sec. 16-9-8E
Set 1"x24" Pipe
8 to Nail on S. side of
22" Hackberry Tree
.50 to "L" Steel Fence Post
48.41 to "L" Steel Fence Post
2 to N-S Fence Line

th Cor Sec. 16-9-8E
Fd. LCSM. Alum Cap
.81 to 1" Pipe
.05 to 1" Pipe
0.35 to 1" Pipe

W 1/4th Cor Sec 16-9-8E
Fd. LCSM Alum Cap
W. 33.29 to 1" Pipe
SE 12.80 to Nail in Blazed Mulberry
S. 28.77 to 1" Pipe
SE 35.77 to 1" Pipe

S. 1/4th Cor Sec. 16-9-8E
Fd. LCSM Alum. Cap
SE 46.22 to 1" Pipe
S. 33.04 to 1" Pipe
N. 33.00 to 1"x24" Pipe

S 1/16th Cor to Sec. 15 & 16
Fd. #5 Bar & LS. Cap
E. 51.36 to Fd. #5 Bar
NW 49.55 to Fd. #5 Bar
NE 50.21 to Fd. #5 Bar