Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number HS001489

Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

PLEASE PRINT OR TYPE

A. Onsite System Location

Address* 8770 WAVERLY RD (no rural route) City LINCOLN, NE Zip 68517

Legal Description SW 11 11 7 ACRES 6TH PRINCIPAL MERIDIAN 6954

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 18-11-300-021-000 SB Approx. Address (If to be determined) 18-11-300-022-000

B. Owner

Name TAYLOR BUSS Signature

Address 3231 N. 3RD ST City/State/Zip LINCOLN, NE 68521

Home Phone 402-430-8590 Work Phone

C. Certified Installer

Name: TAYLOR BUSS #2655 Signature

Address 3231 N. 3RD ST City/State/Zip LINCOLN, NE 68521

Work Phone 402-430-8590

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number:

Designer Name Firm Work Phone

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☐ Yes ☒ No Total Acres 3.47

Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 500

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department
Site visits Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature
Comments

2. Supt. Bldg. Insp. or Village Clerk
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature

3. City or County Engineer
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 6-28-17 Amount Paid $395
Received By SJ Cash/Check No. 1143

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 4/15

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

B

Permit Number: HSO 01489

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 87th & Wanda Rd (no rural route) City Waverly NE, Zip _____

Owner Taylor Bass Address _____

Soil Type (SCS): _____ Percolation Rate: 48 min. min./inch

Date of Tests 3-1-17 to 3-2-17 Weather: Precipitation n/a Temperature 50's

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 Rate (Min/in)
1	40	3-1	17:00	3-2	9:00	3-2	12:00	18	3-2	12:30	30	3/4	45
2	40	3-1	17:00	3-2	9:00	3-2	12:00	18	3-2	12:30	30	3/4	45
3	40	3-1	17:00	3-2	9:00	3-2	12:00	18	3-2	12:30	30	5/8	53

Sum of Percolation Rates: 143
Average of Rates: 48
Rate Used for Calculation: 60 min.

rson Conducting Percolation Tests

ME: Lynn Shultz
ME: Speedy Rooter
ESS 402-430-2940

DO NOT WRITE BELOW THIS LINE

riewing Action

rks Taylor.a.Bass@gmail.com

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001489

System Type: Standard

Situs: No Site Address Specified

Issued: 7/7/2017

Expires: 7/7/2018

Description: S11, T11, R7, Acres 6th Principal Meridian, LOT 69 SW

Owner: BUSS, RACHEL & TAYLOR
3231 N 3 ST
LINCOLN, NE 68521

Charlotte Burke, MS, RD, Interim Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Charlotte Burke, MS, RD
Interim Health Director

TAYLOR BUSS
3231 N 3RD
LINCOLN, NE 68521

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

SCANNED

A

Permit Number HS001489

Onsite Wastewater Treatment System Permit Application

Include Form B and C. Submit correct fee with this Application

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

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A. Onsite System Location

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Legal Description SW 11 11 7 ACRES 6TH PRINCIPAL MERIDIAN 6954

1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 18-11-300-021-000 SB 18-11-300-022-000 Approx. Address (If to be determined)

B. Owner

Name TAYLOR BUSS Signature

Address 3231 N. 3RD ST City/State/Zip LINCOLN, NE 68521

Home Phone 402-430-8580 Work Phone

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Name: TAYLOR BUSS #2655 Signature

Address 3231 N. 3RD ST City/State/Zip LINCOLN, NE 68521

Work Phone 402-430-8580

D. Engineer

☐ **Check and complete if engineer designed system** P.E. License Number:

Designer Name Firm Work Phone

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Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day 500

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department

Site visits

Comments

Date rec'd 7/3/17

Date frwd 7/3/17

ACTION ☒ Approved ☐ Disapproved

Signature

2. Supt. Bldg. Insp. or Village Clerk

Comments

Date rec'd

Date frwd

ACTION ☒ Approved ☐ Disapproved

Signature See attached

3. City or County Engineer

Comments

Date rec'd

Date frwd

ACTION ☒ Approved ☐ Disapproved

Signature

Installation Final Written Approval

By

Date 12/5/17

Business Office Use Only

Date Received 6-28-17 Amount Paid $395

Received By ST Cash/Check No. 1143

White - Health Department Yellow - Engineer Pink - Building & Safety

SCANNED

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

B

Permit Number: HSO 01489

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 87th & Wesley Rd (no rural route) City Wesley NE, Zip

Owner Taylor Buss Addresss

Soil Type (SCS): Percolation Rate: 48 mpi min./inch

Date of Tests 3-1-17 to 3-2-17 Weather: Precipitation N/A Temperature 50's

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	40	3-1	17:00	3-2	9:00	3-2	12:00	18	3-2	12:30	30	5/16	45
2	40	3-1	17:00	3-2	9:00	3-2	12:00	18	3-2	12:30	30	5/16	45
3	40	3-1	17:00	3-2	9:00	3-2	12:00	18	3-2	12:30	30	5/8	53 ~~55~~

Sum of Percolation Rates: 143

Average of Rates: 48

Rate Used for Calculation: 60 mpi

rson Conducting Percolation Tests

ne: Taylor Buss

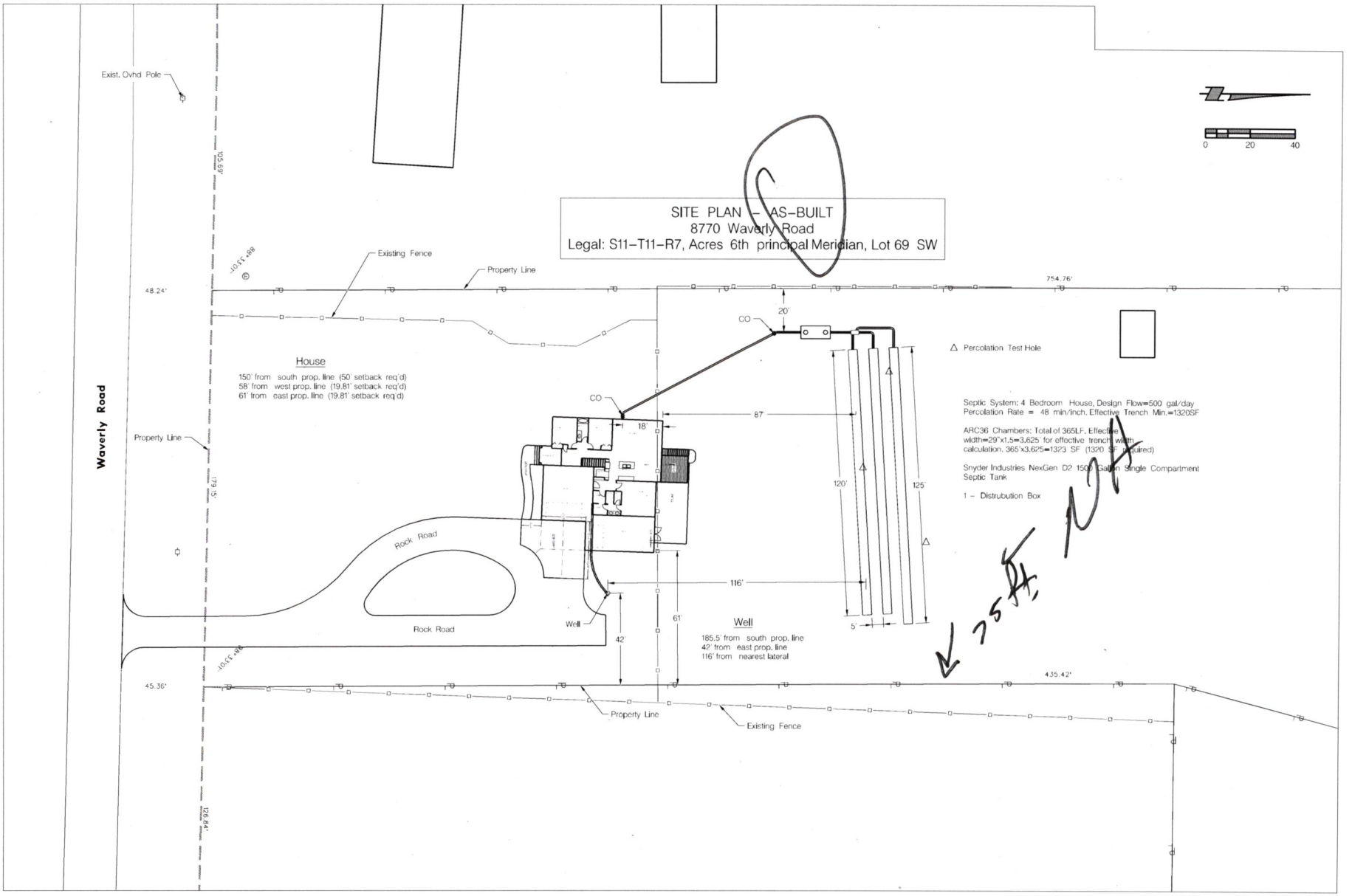
ne: Syracuse NE

ess: 402-430-2946

DO NOT WRITE BELOW THIS LINE

riewing Action

rks: Taylor.J.Buss@gmail.com


SITE PLAN – AS-BUILT
8770 Waverly Road
Legal: S11–T11–R7, Acres 6th principal Meridian, Lot 69 SW
Exist. Ovhd Pole
Waverly Road
105.69'
S89° 33'01"E
Existing Fence
Property Line
48.24'
754.76'
20'
CO
House
150' from south prop. line (50' setback req'd)
58' from west prop. line (19.81' setback req'd)
61' from east prop. line (19.81' setback req'd)
Property Line
179.15'
18'
87'
120'
125'
Rock Road
Rock Road
116'
Well
42'
61'
Well
185.5' from south prop. line
42' from east prop. line
116' from nearest lateral
△ Percolation Test Hole
Septic System: 4 Bedroom House, Design Flow=500 gal/day
Percolation Rate = 48 min/inch, Effective Trench Min.=1320SF
ARC36 Chambers: Total of 365LF, Effective width=29"x1.5=3.625' for effective trench width calculation, 365'x3.625=1323 SF (1320 SF required)
Snyder Industries NexGen D2 1500 Gallon Single Compartment Septic Tank
1 – Distrubution Box
5'
435.42'
45.36'
S89° 33'01"W
126.84'
Property Line
Existing Fence
0
20
40

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

DE 12/2/17 gw

Exhibit 5

Permit Number: H500489

Onsite Wastewater Treatment System

Inspection Sheet

Date 12/5/17

Legal Description T11N, R7E, Sec 11
¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 6720 Waverly Rd City _____

Owner _____ Address _____

Mark One: ❑ Dwelling ❑ Non-dwelling

❑ New System ❑ Alteration [❑ Tank Only ❑ Trench Only] ❑ Lateral Only

❑ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

Drainfield Absorption System:

☒ Lateral ❑ Bed ❑ Non-standard (engineer-designed and NDEQ approved) ❑ Holding Tank ❑ Trench

Total square feet of drainfield 1323 Sq. Ft. Tank Size 1500 gals

Total length of laterals 365' Type of Distribution: ☒ Chamber ❑ Perforated Pipe ❑ Other (describe) _____

No. of Absorption Laterals 3 Width 3' No. of Drop Boxes 0 Distribution Box 1

Leveling Method Used Laser

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	10 ☒	5 ☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	25 ☒	5 ☒

Geographical Coordinates to 6 Decimals:

Tank _____

Lateral #1 _____ Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments: Originally, contractor was 35 ft short of linear footage - corrected - See emails - NH

Field Note Drawing (See Reverse Side): See Sketch (at back)

Inspections prior to Final Approval
Initial 12/4/17 Date NH

Follow-Up _____ Date _____

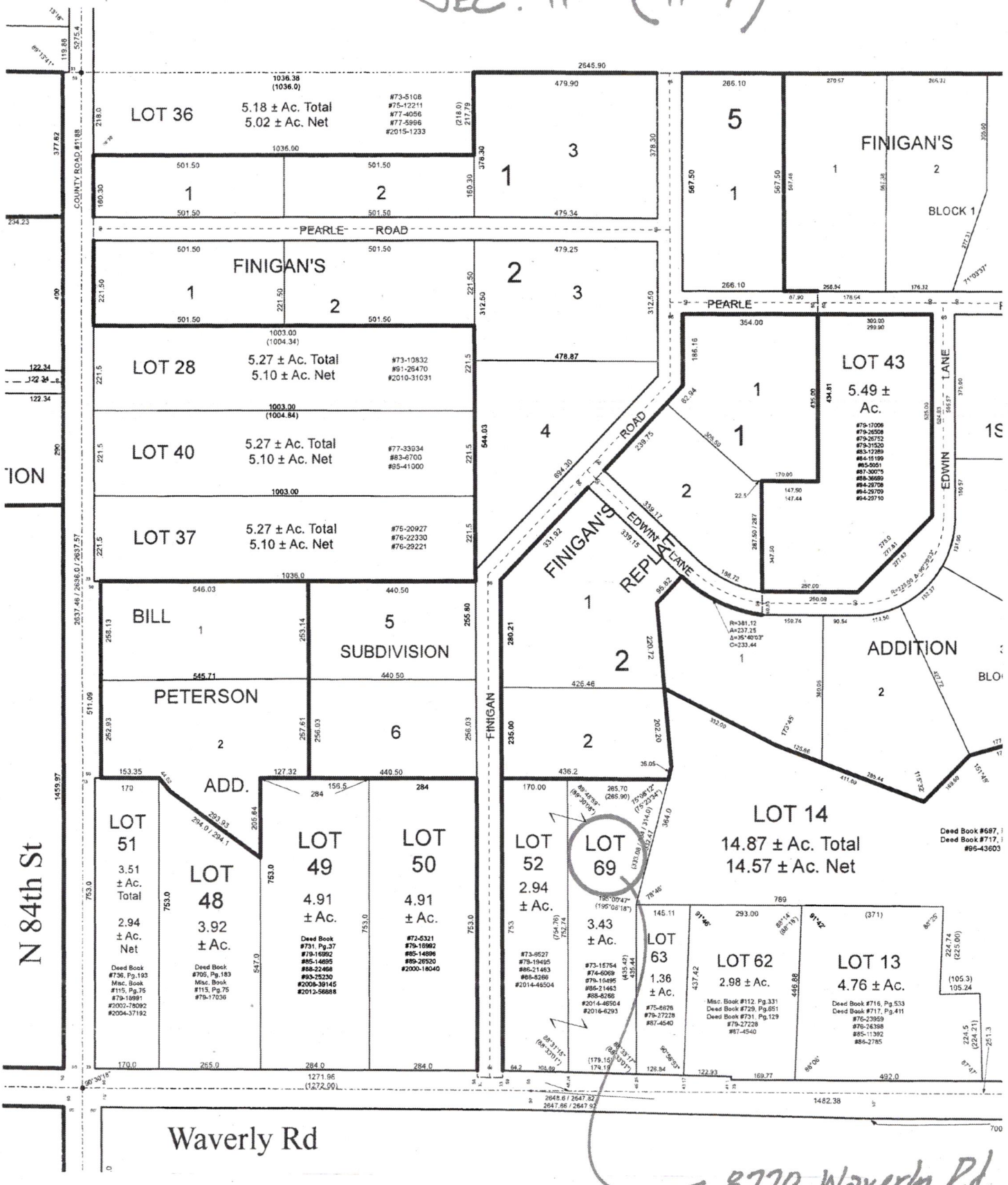
Follow-Up _____ Date _____

Installation Final Written Approval
By _____

Date _____

Updated 4/15

Sec. 11 (11-7)



8770 Waverly Rd.

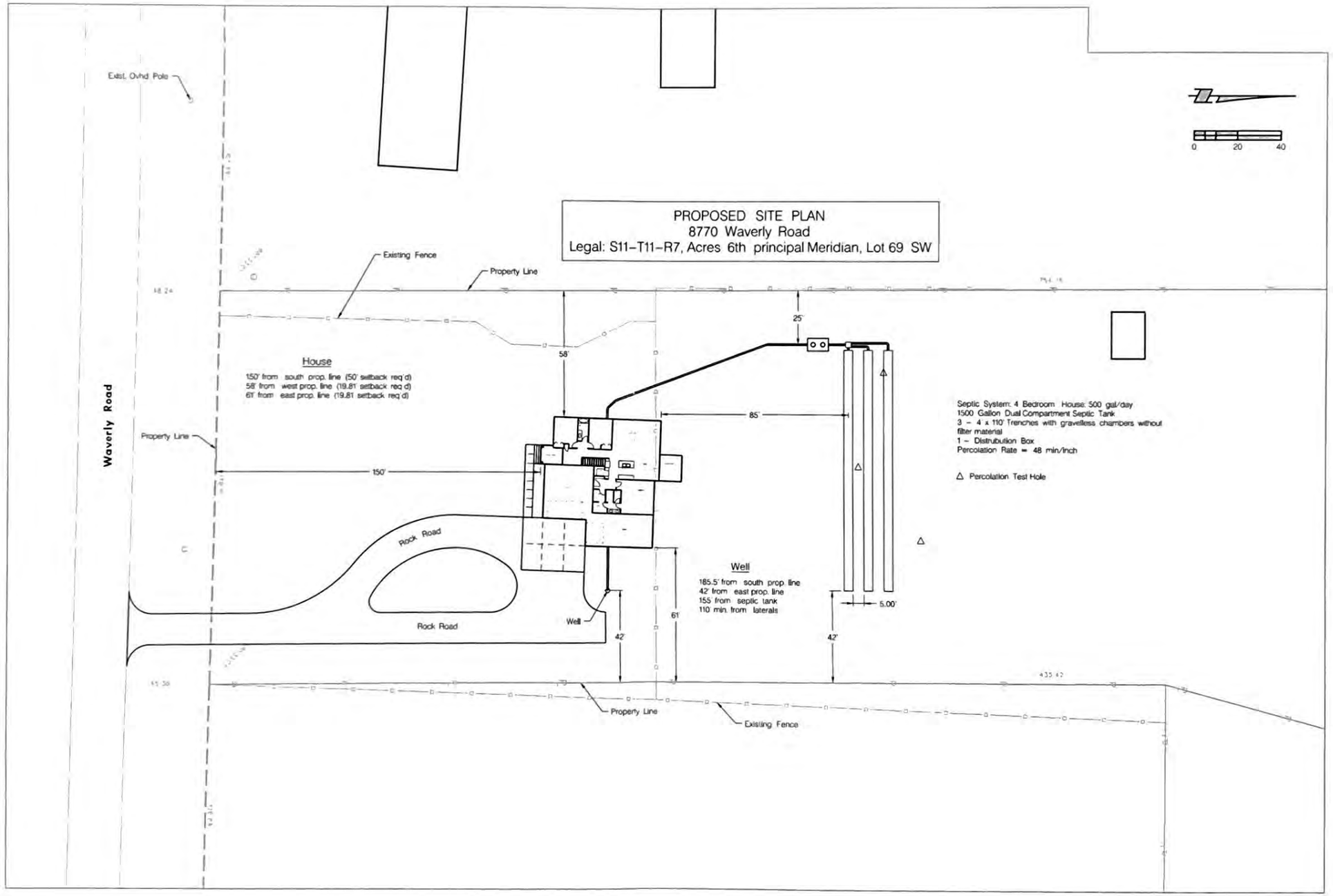
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Tyvek
HomeWrap
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PROPOSED SITE PLAN
8770 Waverly Road
Legal: S11–T11–R7, Acres 6th principal Meridian, Lot 69 SW
Exist. Ovhd. Pole
Existing Fence
Property Line
Waverly Road
House
150' from south prop. line (50' setback req'd)
58' from west prop. line (19.81' setback req'd)
61' from east prop. line (19.81' setback req'd)
25'
58'
85'
150'
Rock Road
Rock Road
Well
185.5' from south prop. line
42' from east prop. line
155' from septic tank
110' min. from laterals
42'
61'
42'
5.00'
Septic System: 4 Bedroom House: 500 gal/day
1500 Gallon Dual Compartment Septic Tank
3 – 4 x 110' Trenches with gravelless chambers without filter material
1 – Distrubution Box
Percolation Rate = 48 min/inch
Δ Percolation Test Hole
Property Line
Existing Fence
0
20
40