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

A

Permit Number HS001361

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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

3 acres or more required for: ☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 9400 S. 56th St. City Lincoln, NE Zip
(no rural route)

Legal Description SW 28 09N 07E Trinity Oaks
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID Lat 40.7183 N Long -96.6381 W

B. Owner Matthew Kleinschmit

Name for Pride Homes, Inc Signature

Address 11401 West Van Dorn City/State/Zip Walton, NE 68461

Home Phone Work Phone 402-450-5632

C. Certified Installer

Name: Jeffery N Schoeneck, PE Signature Jeffery N Schoeneck PE

Address 26720 Elkhorn Oaks Cir City/State/Zip Arlington, NE 68002

Work Phone 402-720-9209

D. Engineer ☒ **Check and complete if engineer designed system** P.E. License Number: E8989

Designer Name Jeffery N Schoeneck PE Firm Horizon Enviroteck, LLC Work Phone 402-720-9209

E. This system will serve a

☐ Residential Dwelling Number of Bedrooms Whirlpool Bathtub? ☐ Yes ☐ No Total Acres 50+
Garbage Grinder? ☐ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify 8 Homes Design flow in gallons per day 2800

Type of Wastewater ☒ Domestic ☐ Non-Domestic NDEQ PERMIT 150WT021 (Phase I)

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

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 10-26-16 Amount Paid $395.00
Received By SB Cash/Check No. VISA

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

Form A Updated 1-13

(11)

Soil Absorption Test Data Sheet

Owner Information:

Owner: Pride Homes, Inc. Phone: 402-450-5632

Address: 1401 Van Dorn, Walton, NE 68461

Location: 9400 S 56th St, Lincoln, NE (Phase I Lateral Area)
Trinity Oaks Subdivision

Latitude 40.7183N Longitude 96.6381W

Township _____ Range _____ Sec. _____ 1/4 sec. _____

County: Lancaster Area: 50+ Acres

Soil type: Sand/Loamy Sand _____ Loam _____

Sand _____ Silt _____ Clay _____ Sandy Si Loam _____

Si Cl Lm X Silt Loam X Sandy Loam _____

Presaturation period:

Start Finish Weather Cloudy Temp. 74

Date	Time	Date	Time
5/4/15	11:00 PM	5/4/15	3:00 PM

Percolation test data: 5/5/15 Final Percolation Readings

Hole No.	Hole Depth (in.)	Start Date Mo./Day	Start Time (Hr./Min.)	Start Water Level (in.)	End (Hr./Min.)	End Water Level (in.)	Final Results Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rate (Min./Inch)
1	30	5/5/15	6:05 PM	7.90	6:35 PM	6.35	30	1.55	19.4
2	30	5/5/15	6:06 PM	8.05	6:36 PM	6.15	30	1.90	15.8
3	30	5/5/15	6:07 PM	7.85	6:37 PM	5.75	30	2.10	14.3
4	30	5/5/15	6:08 PM	8.2	6:38 PM	6.8	30	1.40	21.4
5	30	5/5/15	6:09 PM	8.1	6:39 PM	6.95	30	1.15	26.1

Jeffery N Schoeneck PE

Jeffery N. Schoeneck, P.E.
26720 Elkhorn Oaks Cir
Arlington, NE 68002
(402) 720-9209
Phone

Sum of Percolation rates = 96.9

Number of test holes = 5.0

Average of rates in Minutes/inch = 19.4

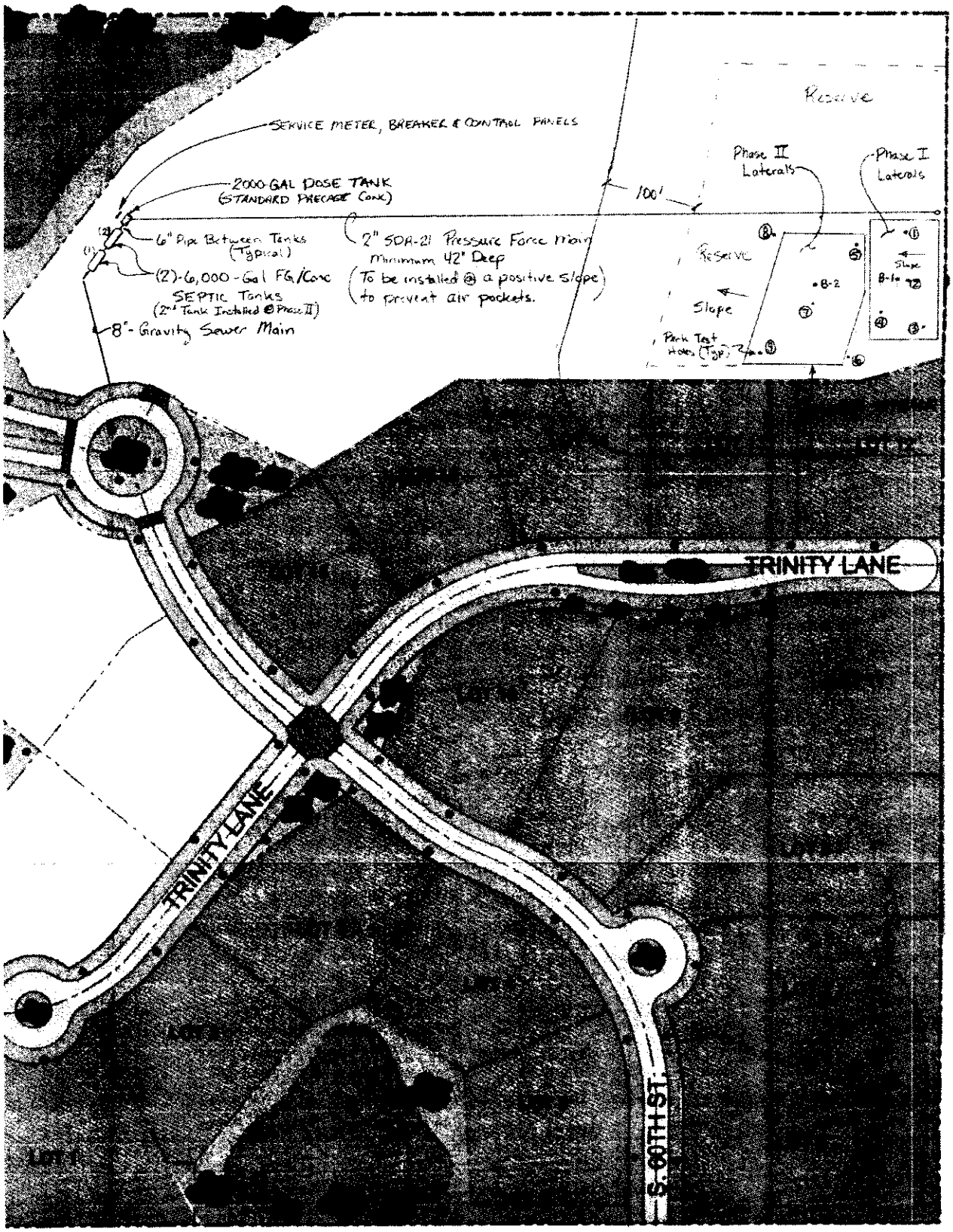
*If rates vary more than 20 minutes/inch, do not average but use the slowest rate for design purposes.

Soil Boring-1 (SB-1)

0-7 VD GR/BR SiL
7-22 Br SiCL
22-50 Lt Br SiL/SiCL (Low clay content)
50-68 Gr/Br Loam w/red/Br mottles
68-90 Dk Br SiCL (Friable) (lower clay content)
90-106 Br SiCL with rock fragments
Indications of Seasonal Water Table → 106-120 Red/Br Rocky SiC Gr mottled

Trinity Oaks Onsite Wastewater System

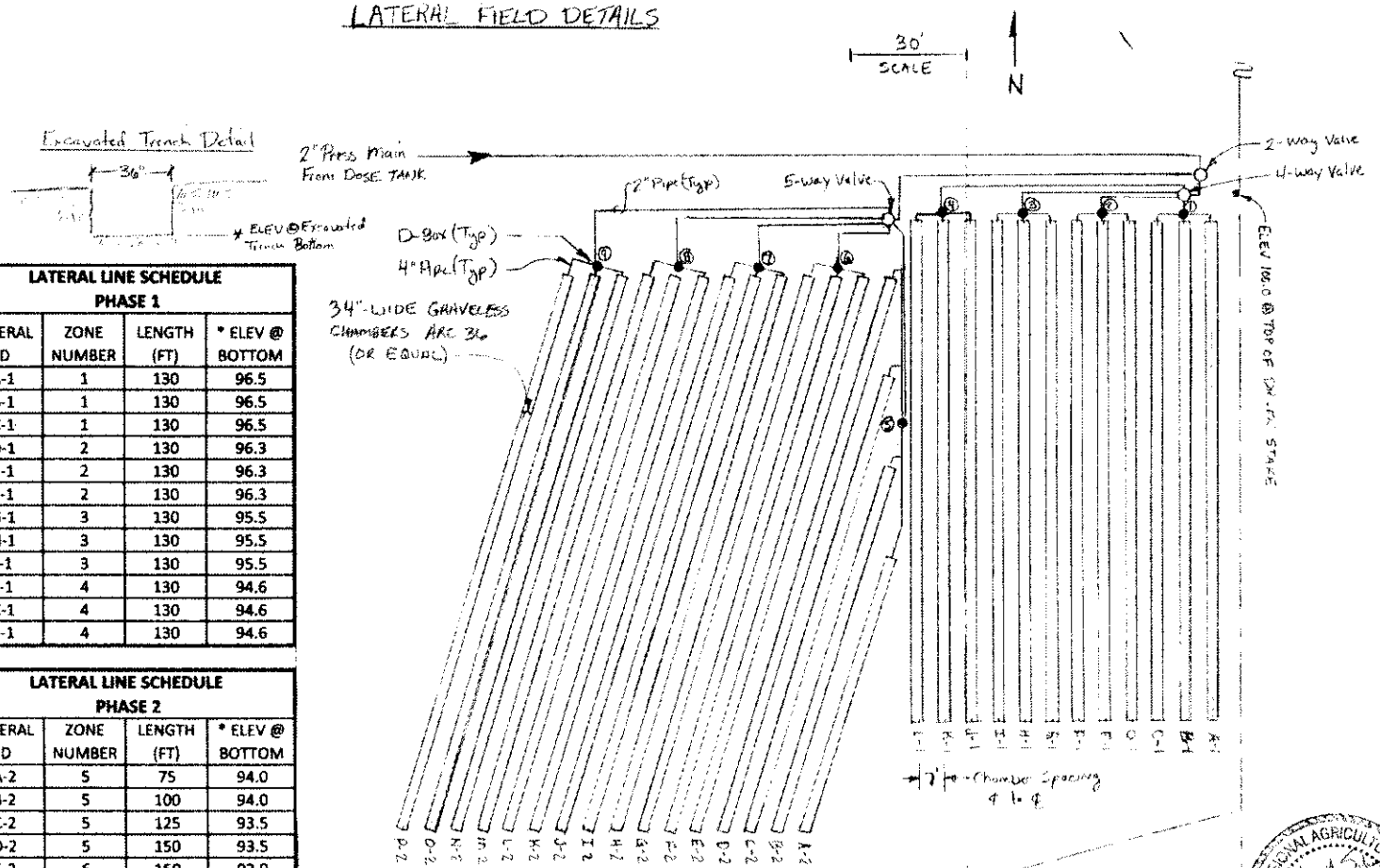
PLAN VIEW



Prepared By:
Jeffrey N Schaecher, PE
Horizon Environmental LLC
26720 Elkhorn Lakes Cir
Arlington, NE
(402)-720-9219

TRINITY OAKS ONSITE WASTEWATER SYSTEM

LATERAL FIELD DETAILS



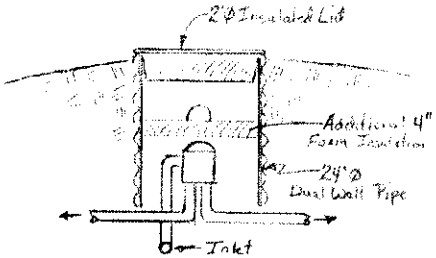
CRITICAL ELEVATIONS	
⑧ Top of Driven Stake	100.0
⑦ Top of 2-way Valve	101.0
⑥ Top of 4-way Valve	100.5
⑤ Top of 5-way Valve	97.0
④ Pump Inlet	57.5
③ Pump Tank Inlet	61.5
② Septic Tank (2) Outlet	61.75
Septic Tank (2) Inlet	62.0
② Septic Tank (1) Outlet	62.25
① Septic Tank (1) Inlet	62.5

LATERAL LINE SCHEDULE PHASE 1

LATERAL ID	ZONE NUMBER	LENGTH (FT)	* ELEV @ BOTTOM
A-1	1	130	96.5
B-1	1	130	96.5
C-1	1	130	96.5
D-1	2	130	96.3
E-1	2	130	96.3
F-1	2	130	96.3
G-1	3	130	95.5
H-1	3	130	95.5
I-1	3	130	95.5
J-1	4	130	94.6
K-1	4	130	94.6
L-1	4	130	94.6

LATERAL LINE SCHEDULE PHASE 2

LATERAL ID	ZONE NUMBER	LENGTH (FT)	* ELEV @ BOTTOM
A-2	5	75	94.0
B-2	5	100	94.0
C-2	5	125	93.5
D-2	5	150	93.5
E-2	6	150	92.9
F-2	6	150	92.9
G-2	6	150	92.9
H-2	7	150	92.0
I-2	7	150	92.0
J-2	7	150	92.0
K-2	8	150	90.4
L-2	8	150	90.4
M-2	8	150	90.4
N-2	9	150	89.2
O-2	9	150	89.2
P-2	9	150	89.2



Typical Automatic Multi-Zone Valve Installation

Prepared By:
Jeffrey N Schoenrock, PE
Horizon Engineering, LLC
26720 Elkhorn Oaks Cir
Arlington, NC
(402)-720-9209

(12)

Soil Absorption Test Data Sheet

Owner Information:

Owner: Pride Homes, Inc. Phone: 402-450-5632

Address: 1401 Van Dorn, Walton, NE 68461

Location: 9400 S 56th St, Lincoln, NE (Phase II Lateral Area)
Trinity Oaks Subdivision

Latitude 40.7183N Longitude 96.6381W

Township _____ Range _____ Sec. _____ 1/4 sec. _____

County: Lancaster Area: 50+ Acres

Soil type: Sand/Loamy Sand _____ Loam _____

Sand _____ Silt _____ Clay _____ Sandy Si Loam _____

Si Cl Lm X Silt Loam _____ Sandy Loam _____

Presaturation period:

Start Finish Weather PC Temp. 66

Date	Time	Date	Time
5/12/15	1:00 PM	5/12/15	5:00 PM

Percolation test data: 5/13/15 — Final Percolation Readings

Hole No.	Hole Depth (in.)	Start Date Mo./Day	Start Time (Hr./Min.)	Start Water Level (in.)	End (Hr./Min.)	End Water Level (in.)	Final Results: Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rate (Min./Inch)
6	30	5/13/15	6:15 PM	8.10	6:45 PM	7.20	30	0.90	33.3
7	30	5/13/15	6:16 PM	7.90	6:46 PM	7.10	30	0.80	37.5
8	30	5/13/15	6:17 PM	8.05	6:47 PM	7.45	30	0.60	50.0
9	30	5/13/15	6:18 PM	7.85	6:48 PM	7.15	30	0.70	42.9

Jeffery N Schoeneck P.E

Jeffery N. Schoeneck, P.E.
26720 Elkhorn Oaks Cir
Arlington, NE 68002
(402) 720-9209
Phone

Sum of Percolation rates = 163.7

Number of test holes = 4.0

Average of rates in Minutes/inch = 40.9

*If rates vary more than 20 minutes/inch, do not average but use the slowest rate for design purposes.

Soil Boring-2 (SB-2)

0-6 VD Gr Br Si CL
6-26 Br Si CL
26-52 Lt Br Si CL (Lower Clay Cont)
52-70 Lt Br Loam w/Red
70-92 Br Si CL Friable
92-104 Br Si CL w/Rock Fr.
104-114 Red/Br Rocky Si CL
114-120 Red/Br Si C Gr Moth

Indications of Seasonal Water Table →

SW1 (BK4) Lot 1 16.7.23

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. HS001361

System Type: Non-Standard

Situs: 9400 S 56 ST, RURAL, NE

Issued: 11/16/2016

Expires: 11/16/2017

Description: TRINITY OAKS ADDITION, BLOCK 1, Lot 1

Owner: MERRY, CHANDLER R & BRENDA J
9400 S 56 ST
LINCOLN, NE 68516

Judith A Halstead
Judith A. Halstead, MS, 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.

Judith A Halstead
Judith A. Halstead, MS
Health Director

JEFFERY SCHOENECK
26720 ELKHORN OAKS CIR
ARLINGTON, NE 68002