Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
HS002550

State Construction Permit 230WT014

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* 5835 Bronco Hills Dr (no rural route) City Denton, NE Zip 68339

Legal Description NE (1/4) NE (1/4) 24 (Section) 9N (Township) 5E (Range) Bronco Hills Estates 2nd Add. (Subdivison) 2 (Addition) 3 (Block) Lot 270

PID 03-24-207-003-000 *Approx. Address (If to be determined)

B. Owner

Name Tomas Helikar Signature

Address 5309 S 62nd St City/State/Zip Lincoln, NE 68516

Home Phone 402-547-8904 Work Phone

C. Certified Installer

Name: Terri Jakoubek Signature Terri L Jakoubek

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-783-2663

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 6 Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 3.13
Garbage Grinder? ☑ Yes ☐ No

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

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 5-30-23 Amount Paid $460
Received By SAO Cash/Check No. CC 5040

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

Form A Updated: 2/18

NEBRASKA

Good Life. Great Resources.

DEPT. OF ENVIRONMENT AND ENERGY

Construction Permit No. 23OWT014

is hereby issued to

Tomas Helikar

for the

800 Gallon per Day Septic Tank and Lateral System, for Bronco Hills Estates, 2nd Addition, Block 2, Lot #3, Denton, NE 68339

Description:

Two new 1,500 gallon septic tanks in series will receive sanitary waste from a four bedroom residence and two bedroom in-law suite. Three 150 ft. long gravity flow, polystyrene EZ Flow laterals, and 12 inch diameter bundles will be connected to the distribution box. The total soil absorption area of the laterals is 2,025 sq.ft. having a 4.5 foot effective width lateral. The total area is in excess of the NDEE Title 124 required 1,778 sq.ft. for a 800 gpd wastewater flow. The laterals will sit on a 27 inch thick clean sand having a <5 minutes per inch (mpi) percolation rate. The sand bed is required due to the insitu clay soil that sits to a depth of 5 feet having a perc rate slower than 60 mpi. The Engineer states that the soil below the sand bed has a perc rate that is desirable to the 25 to 35 mpi required. The depth to groundwater is greater than 10 feet.

located at

Bronco Hills Estates, 2nd Add., Blk 2, Lot #3, Denton, NE 68339

Latitude 40.7381, Longitude -96.6669

Pursuant to a Delegation Memorandum dated July 1, 2021, and signed by the Director, the undersigned hereby executes this document on behalf of the Director.

Signed 5/8/2023

Shelley Schneider

Shelley Schneider PE, Permitting & Engineering Division Administrator

245 Fallbrook Blvd., P. O. Box 98922, Lincoln, Nebraska, 68509-8922
Phone (402) 471-2186, Fax (402) 471-2909, e-mail: ndee.moreinfo@nebraska.gov

NEBRASKA

Good Life. Great Resources.

DEPT. OF ENVIRONMENT AND ENERGY

Jim Pillen, Governor

Tomas Helikar
5309 S 62nd Street
Lincoln, NE 68516

RE: Construction Permit No. 23OWT014, Septic Tank Onsite System
5309 S 62nd Street
Lincoln, NE 68516

NDEE ID: 119321
Program ID: 23OWT014

Dear Mr. Helikar:

On April 24, 2023, the Nebraska Department of Environment and Energy (NDEE) received an onsite application for a construction and operating permit. NDEE is approving the construction permit for the project described in the approved plans. It is your responsibility to make sure the facility is built according to the approved plans and applicable regulations. We strongly recommend that you meet with your engineer and installer prior to construction to review the approved plans and specifications. If any modifications are necessary, Title 124 requires that you obtain written approval from the Department before changes are made to the system design.

An operating permit is required for use of this onsite system. After the system has been constructed, your Installer must properly register the system (submit completed form and fees) and your engineer must submit the construction completion form to the Department. A permit checklist, system registration form for a Title 124 permit system, and Engineer's notification of construction completion form have been enclosed to assist you with this process. Additionally, copies have been sent to your engineer. Once the system registration has been submitted by your Installer and the notification of construction completion submitted by your Engineer, the Department will evaluate for compliance and issue an operating permit if all regulatory requirements have been met.

Documents describing the above-referenced project have been approved and stamped accordingly. Pursuant to Neb. Rev. Stat. Sec. §81-1506(2)(Reissue 1987) and the requirements found in Nebraska Administrative Code Title 124, a permit for construction (enclosed) is hereby granted. This construction permit expires two years from the date of issuance. You may request renewal (subject to any changes in regulations and Department approval) prior to expiration.

The treatment system must be installed and serviced by an NDEE certified onsite wastewater professional, who is also authorized by the manufacturer to install and service the on-site treatment equipment. Once the manufacturer's warranty has expired on the treatment equipment, we recommend that you keep a Service/Maintenance contract with a certified professional pumper for the life of the equipment.

Department of Environment and Energy
P.O. Box 98922
Lincoln, Nebraska 68509-8922

Jim Macy, Director
OFFICE 402-471-2186 FAX 402-471-2909
ndee.moreinfo@nebraska.gov

Compliance with minimum sanitary engineering design criteria was the only consideration in the review of this project. Items such as quality of material, electrical and mechanical design features and structural soundness, were not considered unless specifically noted in the review comments. This approval does not release you, the owner, from your responsibility to provide an operable facility.

Local zoning, siting or building code requirements are separate from and in addition to the requirements found in the Nebraska Administrative Code administered by the Department. Please continue to work with local officials to ensure any local requirements are met.

If you have any questions, please contact Max Lofgren at max.lofgren@nebraska.gov or (402) 471-3305.

Sincerely,

Cyril Martinmaas

Cyril Martinmaas
Engineering Section Supervisor
Permitting & Engineering Division

Enclosures: Permit Checklist, System Registration Form, and Engineer Construction Completion Form

CJM/MJL/CNW

Cc: Jeff Schoeneck P.E., Horizon Envirotech, LLC

12-012
Ver. 4/2020

NEBRASKA
Good Life. Great Resources.
DEPT. OF ENVIRONMENT AND ENERGY

System Registration For Onsite Wastewater Treatment System – Title 124 Permit System

Print or Type

Owner First Name Initial Last Name Owner Phone Number

Business or Legal Entity Name (if applicable)

Owner Mailing Address City State Zip

Physical address of system if different from owner's mailing address

Location *Legal description* OR *Geographical coordinates to 4 decimal points*

¼ ¼ Section Township Range County / Latitude Longitude

Mark One

☐ Dwelling ☐ Non-dwelling

Mark One

☐ New system ☐ Modification, reconstruction or alteration of existing system ☐ Inspection

System Information

☐ Holding tank ☐ Gravity septic system ☐ Lagoon ☐ Mound system

☐ Other – Describe _____

Depth to seasonal high groundwater _____ feet Percolation rate _____ min/inch

Design flow _____ gal/day Previous system registration number (if applicable) TS _____

Construction permit number (required) _____

I swear or affirm that the system complies with Title 124 requirements and that the registration information and documentation submitted are true, complete and accurate.

(*Print or Type*) First Name Initial Last Name Certificate/License Number

Signature of Certified Professional, Professional Engineer or Registered Environmental Health Specialist Date construction completed

NOTICE: Failure to complete the form or include the appropriate fee(s) will delay registration.

RESIDENTIAL SEPTIC SYSTEM DESIGN -

Bronco Hills Estates, 2nd Addition, Block 2, Lot #3

Prepared by: Jeffery N. Schoeneck, P.E.

Owner: Tomas Helikar - 5309 S 62nd St, Lincoln, NE 68516

HORIZON ENVIROTECH,LLC

1645 COUNTY RD T
CEDAR BLUFFS, NE
68015

(402)-720-9209

E-mail jeffhet@1791.com

4/20/2023

Pollution Control Project
NEBRASKA
Good Life. Great Resources.
DEPT. OF ENVIRONMENT AND ENERGY
APPROVED
Gyl Martinmaas PE
NDEE Project No. 23OWT014
May 5, 2023

PROFESSIONAL AGRICULTURAL ENGINEER
JEFFERY N. SCHOENECK
E-8989
4/20/23
STATE OF NEBRASKA

HORIZON ENVIROTECH, LLC
1645 County Rd T
Cedar Bluffs, NE 68015
Office: (402) 720-9209
Email: jeffhet@1791.com

April 20, 2023

Alan Aanerud, Onsite Wastewater Section Supervisor
NE Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8922

RE: Helikar Residence
Bronco Hills Estates, 2nd Addition, Block 2, Lot #3
Onsite Wastewater Plan – Permit Documents

Dear Aanaerud:

Enclosed is submittal information for an Onsite Wastewater Construction/Operating Permit and Application.

Please review and contact me with any questions or comments you may have.

Regards,

Jeffery N. Schoeneck P.E.

Enclosures: (1) Sets Submittals & Plans, Citizen Attestation Form and (1) Construction Permit Application w/Fee Payment

NEBRASKA
DEPT. OF ENVIRONMENT AND ENERGY

Onsite Wastewater Treatment System Application for Construction/Operating Permit

Tomas (Tomas) | | Helikar (Helikar)
Owner/Authorized Representative First Name | Initial | Last Name

Business or Legal Entity Name (if applicable)

5309 S 62nd St | Lincoln | NE | 68516
Owner Address | City | State | Zip

Phone Number 402-547-8904 | Email helikart@gmail.com helikart@gmail.com

☐ Check here if authorized representative and include a description of the representative's authority to sign on behalf of the owner.

Professional Engineer, Master Installer or Registered Environmental Health Specialist
Print or Type

Jeffery | N | Schoeneck | E 8989
First Name | Initial | Last Name | Certification/License Number

Horizon Envirotech, LLC
Company Name

1645 County Rd T | Cedar Bluffs | NE | 68015
Mailing Address | City | State | Zip

Phone Number 402-720-9209 | Email jeffhet@1791.com

Location | *Legal description* | OR | *Geographical coordinates to 4 decimal points*

___ ___ ___ ___ ___ ___ / 40.7381 | -96.6669
¼ ¼ Section Township Range County | Latitude | Longitude

Physical address if different than owner's mailing address

System Information

☒ Dwelling-Peak single day flow 800 gals **OR** ☐ Non-dwelling-Peak single day flow ___ gals

☒ Domestic Wastewater ☐ Non-Domestic Wastewater -Description of non-domestic wastewater sources (i.e. restaurant, laundry, butcher shop, camper dump station or other) ___

☒ New System ☐ Modification, reconstruction or alteration of existing system

☐ Septic System ☐ Mound ☐ Holding tank ☐ Lagoon ☐ Other (if other, describe here) ___

Depth to seasonal high groundwater for planned location of the soil absorption system >10 ft.

Percolation rate N/A min/inch Maximum ground slope 4 %

I swear or affirm that the application information and documentation submitted are true, complete and accurate.

Owner/Authorized Representative Signature | 4/18/23 Date

NOTICE: Failure to complete the form or include the appropriate fee(s) will delay the application. NDEE issued construction permit is required prior to any construction.

Individual or Sole Proprietor
United States Citizenship Attestation Form

For the purpose of complying with Neb. Rev. Stat. §4-108 through 4-114, I attest as follows:

☒ I am a citizen of the United States.

-OR-

☐ I am a qualified alien under the federal Immigration and Nationality Act. My immigration status and alien number are as follows:

_____

I agree to provide a copy of my USCIS documentation upon request.

I hereby attest that my response and the information provided on this form and any related application for public benefits are true, complete, and accurate, and I understand that this information may be used to verify my lawful presence in the United States.

PRINT NAME Tomas Helikar
(first, middle, last)

SIGNATURE 

DATE 4/18/23

RESIDENTIAL SEPTIC SYSTEM DESIGN -

Bronco Hills Estates, 2nd Addition, Block 2, Lot #3

Prepared by: Jeffery N. Schoeneck, P.E.

Owner: Tomas Helikar - 5309 S 62nd St, Lincoln, NE 68516

HORIZON ENVIROTECH,LLC

1645 COUNTY RD T
CEDAR BLUFFS, NE
68015

(402)-720-9209

E-mail jeffhet@1791.com

4/20/2023

PROFESSIONAL AGRICULTURAL ENGINEER
JEFFERY N. SCHOENECK
E-8989
4/20/23
STATE OF NEBRASKA

s Helikar
o Hills Estates, 2nd Addit, Blk2, Lot #3
23

Prepared By:
Jeff N. Schoeneck, P.E.
Horizon Envirotech, LLC
402-720-9209

t Description -

Proposed 4-bedroom home w/a 2-bedroom in-law suite on a 3-Acre lot. A previous soil percolation test was conducted on the lot, with rates that were in excess of the 60 min/in limit for conventional laterals. (3) soil evaluation pits were dug to a depth of 8ft. Suitable soil for absorption laterals was found at depths ranging from 56 to 96". The anticipated loading rate for the soil is minimum of 0.45 gal/sqft/day. A modified gravity lateral design is being proposed. The lateral trench would be excavated to a nominal depth of 6.25ft, and use clean 47-B sand to fill/elevate the trench bottom, to limit the cover, over the lateral media, to a depth of 3ft.

Design Load -

4-Br Home -500gpd
2-Br Unit - 300 gpd

Total Peak Load = 800 gpd

Lateral Field Sizing

Anticipated Soil Loading Rate @ 6.25ft depth = 0.45gal/sq ft/day

Minimum Lateral Size = 800 gal/ 0.45 gal/sq ft = 1,778 sq ft
Propose 450 Ln ft of (3)-12" Poly Styrene Bundles
Area = 450 X 1.5 X 3 = 2,025 sq ft

Tank Sizing

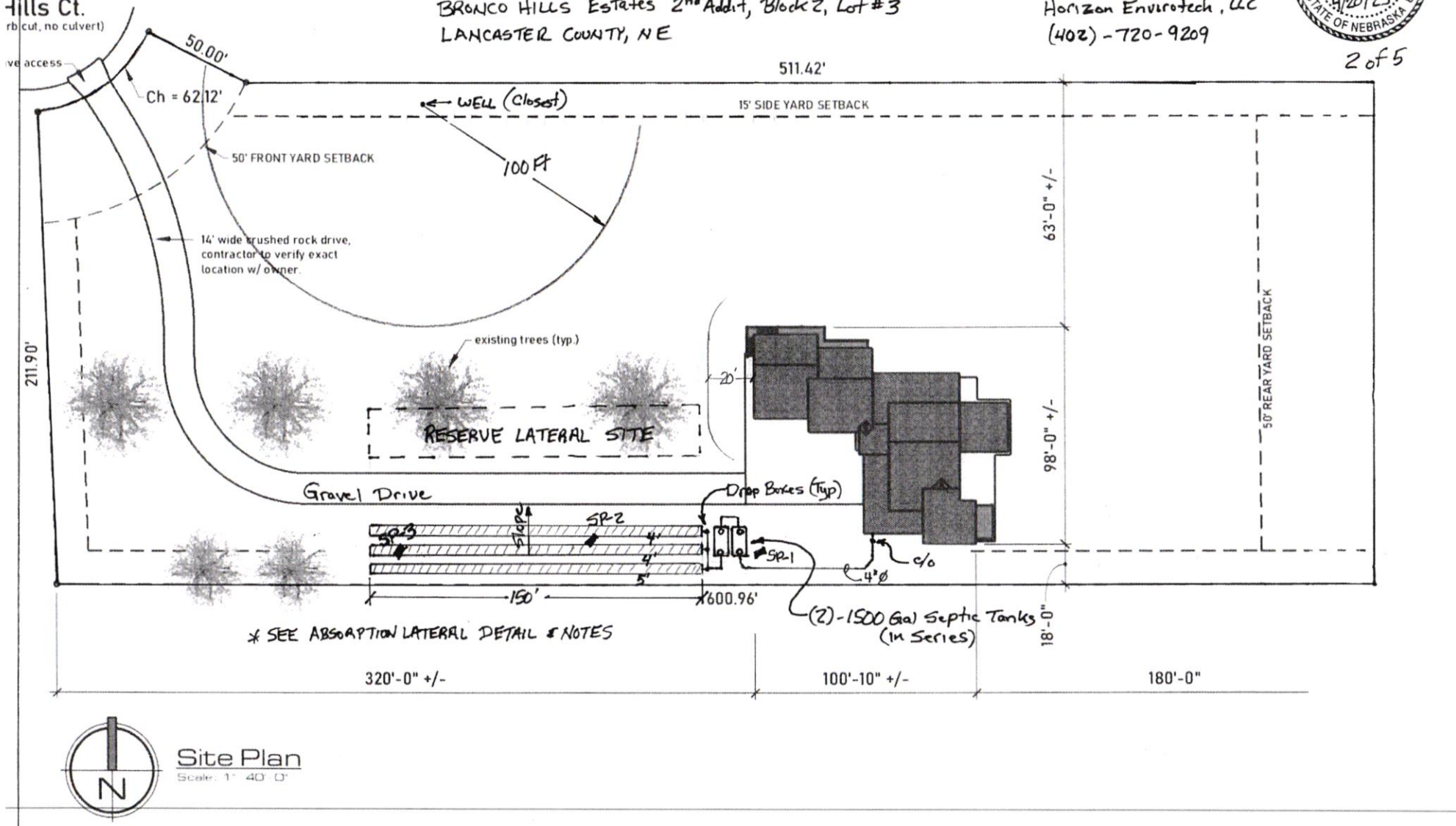
@ 800 gpd flow with garbage grinder and large capacity tub
Minimum tank size of 2,500 gallons.
Propose (2) 1,500 gallon tanks -3,000 gallons total

SEPTIC SYSTEM PLAN

HELIKAR RESIDENCE
BRONCO HILLS Estates 2nd Addit, Block 2, Lot #3
LANCASTER COUNTY, NE

Prepared By:
Jeffery N. Schoeneck, P.E.
Horizon Envirotech, LLC
(402) - 720 - 9209

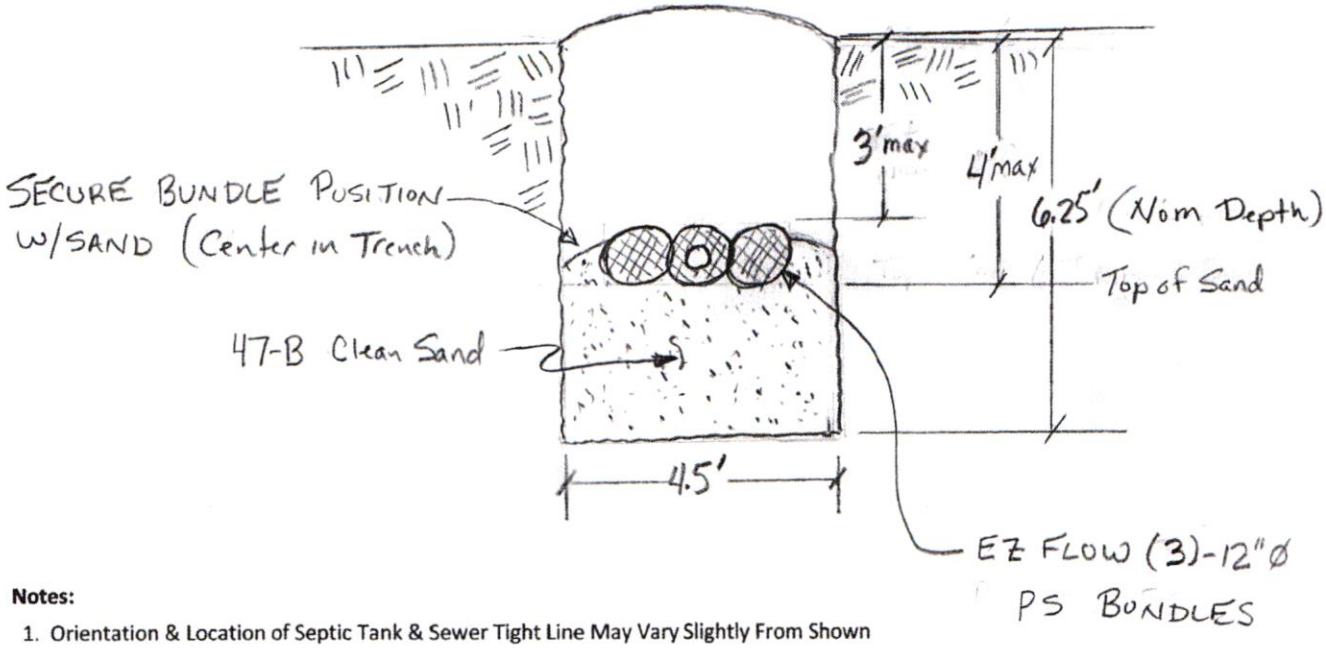
PROFESSIONAL AGRICULTURAL ENGINEER
JEFFERY N. SCHOENECK
E-8989
4/20/23
STATE OF NEBRASKA



N

Site Plan
Scale: 1" 40' 0"

ABSORPTION LATERAL DETAIL



Notes:

1. Orientation & Location of Septic Tank & Sewer Tight Line May Vary Slightly From Shown
2. Maximum Cover over Lateral is 3 ft.
3. Contractor Responsible for Contacting 811 for Primary Utilities.
4. Owner Responsible for locating any secondary utilities.
5. Septic Installation Meet Minimum Requirements of NDEE Title 124 and Shall Be Registered With NDEE Onsite Department
6. Contact Engineer for installation/construction inspections
7. Contractor to Warrant Workmanship Items for a Period of 1-Year (Equipment Warranties Limited To Mfg. Warranty Terms and Coverage)
8. Septic Installation Excavation Back-fill to be Left Slightly Mounded to Allow for Natural Settling (Especially Over Laterals) - Additional Future Grading & Seeding May Be Required
9. Owner To Keep Trees From Growing Within Lateral Field Area and Restrict Vehicle Traffic From Area.
10. Owner responsible for maintaining septic system and schedule septic tank inspections and routine pumping.

Jeffery N. Schoeneck, P.E.
Horizon Envirotech, LLC
1465 County Rd T
Cedar Bluffs, NE 68015
402-720-9209
jeffhet@1791.com

Jeffery N. Schoeneck, P.E.
Horizon Envirotech, LLC
1645 County Rd T, Fremont, NE 68015
Ph 402-720-9209 E-mail jeffhet@1791.com

Project: Helikar Residence
Location: Bronco Hills Estates, 2nd Addt, Blk 2, Lot 3
Date: 3/12/23

Soil Pit Evaluation:

Soil Pit (1) SP-1

0-20"	VDGB	SiCL	Strong Blocky Structure	
20-48"	DGB Firm	SiCL	Weak Blocky/Pris Struct	w/ Few orange mottles
48-63"	Firm	GrBr SiL	Massive Struct	w/ Few orange mottles
63-96'	Friable	GrBr SiL	WEAK-mod Granular Struct	

SP-2

0-14"	VDGB	SiCL	Strong Blocky Struct	
14-22"	GrBr Firm	SiCL	Strong Blocky Struct	
22-56"	GrBr Firm	SiCL	Mod Blky/Prism Struct	w/ Few to Mod Or Mottles
56-96"	GrBr Friable	SiL	weak to Mod Granular Struct	

SP-3

0-10"	VDGB	SiCL	Strong Blocky Structure	
10-22"	DGB	SiCL	Strong Blocky Structure	
22-43"	GrBr Firm	SiCL	Weak Blky/Prismatic Structure	
43-68"	Lt GrBr Firm	SiL	Massive Structure	
68-96"	GrBr Friable	SiL	Weak to Mod Granular Struct	

Based on Average of Soil Pit Data, The laterals should be excavated to a nominal depth of 6.25 ft. The proposed design loading for the absorption laterals is 0.45 gal/ft²/day

Note: A 3" Soil Boring was extended below the bottom of SP-2 to a depth of 10 ft - (From surface) There was no indication of a Seasonal Water Table within 10 ft of the surface.

Table 4-3. Suggested hydraulic and organic loading rates for sizing infiltration surfaces

Texture	Structure		Hydraulic loading (gal/ft²-day)		Organic loading (lb BOD/1000ft²-day)	
	Shape	Grade	BOD=150	BOD=30	BOD=150	BOD=30
Coarse sand, sand, loamy coarse sand, loamy sand	Single grain	Structureless	0.8	1.6	1.00	0.40
Fine sand, very fine sand, loamy fine sand, loamy very fine sand	Single grain	Structureless	0.4	1.0	0.50	0.25
Coarse sandy loam, sandy loam	Massive	Structureless	0.2	0.6	0.25	0.15
	Platy	Weak	0.2	0.5	0.25	0.13
		Moderate, strong				
	Prismatic, blocky, granular	Weak	0.4	0.7	0.50	0.18
		Moderate, strong	0.6	1.0	0.75	0.25
Fine sandy loam, very fine sandy loam	Massive	Structureless	0.2	0.5	0.25	0.13
	Platy	Weak, mod., strong				
	Prismatic, blocky, granular	Weak	0.2	0.6	0.25	0.15
		Moderate, strong	0.4	0.8	0.50	0.20
Loam	Massive	Structureless	0.2	0.5	0.25	0.13
	Platy	Weak, mod., strong				
	Prismatic, blocky, granular	Weak	0.4	0.6	0.50	0.15
		Moderate, strong	0.6	0.8	0.75	0.20
Silt loam	Massive	Structureless		0.2	0.00	0.05
	Platy	Weak, mod., strong				
	Prismatic, blocky, granular	Weak	0.4	0.6	0.50	0.15
		Moderate, strong	0.6	0.8	0.75	0.20
Sandy clay loam, clay loam, silty clay loam	Massive	Structureless				
	Platy	Weak, mod., strong				
	Prismatic, blocky, granular	Weak	0.2	0.3	0.25	0.08
		Moderate, strong	0.4	0.6	0.50	0.15
Sandy clay, clay, silty clay	Massive	Structureless				
	Platy	Weak, mod., strong				
	Prismatic, blocky, granular	Weak				
		Moderate, strong	0.2	0.3	0.25	0.08

Source: Adapted from Tyler, 2000.

END-OF-SECTION

Owner Construction/Operating Permit Checklist

- ☐ Title 124 - Rules and Regulations for the Design, Operation, and Maintenance of On-site Wastewater Treatment Systems permit application, citizenship attestation (*if applicable*), soils information, and 3 sets of P.E. sealed plans/specifications completed and submitted to the Nebraska Department of Environment and Energy (NDEE), *date*: _____
- ☐ *If applicable*: Title 122 - Rules and Regulations for Underground Injection and Mineral Production Wells Authorization to Operate Class V Injection Well submitted to NDEE, *date*: _____
- ☐ *If applicable*: Title 122 Authorization to Operate issued by NDEE, *date*: _____
- ☐ Title 124 permit application review completed, design issues resolved and Title 124 Construction Permit issued by NDEE, *date*: _____
- ☐ *If applicable*: Operation and Maintenance Manual submitted to NDEE, *date*: _____
- ☐ Owner review of approved plans with engineer and installer prior to construction *engineer*:_____ *installer*:_____ *date*:_____
- ☐ *If applicable*: Proposed revision submitted to NDEE, *date*: _____
- ☐ *If applicable*: Revision approved by NDEE, *date*: _____
- ☐ System registration and fee submitted to NDEE by Installer, *date*: _____
- ☐ *If applicable*: Operation and Maintenance Manual approved by NDEE, *date*: _____
- ☐ Engineer's certification of completion submitted to NDEE, *date*: _____
- ☐ Title 124 Operating Permit issued by NDEE, *date*: _____

Reminders:

- This checklist is provided as a courtesy to help with typical onsite wastewater treatment system permit related requirements. Additional regulatory requirements may apply.
- Please check for local requirements which are separate and may be different than Title 124 requirements.
- Permit applications are reviewed in the order received by the Department. Please allow sufficient time in your planning for application preparation, review, and any needed clarifications or revisions, some of which may require additional field work. The Department may request additional information as needed for its review and permit decision.
- When a permit application is required, Title 124 requires a construction permit prior to any onsite system construction and an operating permit prior to wastewater discharge to or any use of the onsite system.
- When a construction permit is issued, Title 124 requires that any modifications, revisions, or changes to the system or design be approved by NDEE prior to changes being made to the system.
- Title 124 requires system registration (Installer) and certification of completion (Engineer) before an operating permit can be issued.
- Forms referenced here are available from the NDEE website: http://dee.ne.gov

For purposes of system registration, the Department has interpreted completion of work to mean that all onsite wastewater treatment system components have been installed, constructed or modified so that the system piping, treatment devices or other appurtenances that convey, treat or dispose of wastewater are ready to be used. The NDEE does not consider construction completion of an onsite system to be dependent upon construction of any dwelling or building to which the system may be connected, final grading, seeding, or the date of receipt of payment for work performed.

NEBRASKA
DEPT. OF ENVIRONMENT AND ENERGY

Notification of Construction Completion Title 124 Onsite Wastewater Treatment System
Onsite Wastewater Treatment Program

NDEE Facility ID_____ Permit Application Number_____OWT_____

Owner Name _____

Project Description _____

_____

Date Construction Permit Issued _____

Date Construction Started_____

Date Construction Ended_____

Name of Installer, Professional Engineer, or Registered Environmental Health Specialist under

whose direct supervision the system was constructed _____

NOTICE: If a Nebraska Professional Engineer (P.E.) was required for the onsite wastewater treatment system design, specification and permit application then this form must be signed by the P.E. who designed the system. (A P.E. is required on a system with design flow over 1,000 gallons per day, a system that handles other than domestic wastewater, or a system that does not meet required setbacks or reserve area requirements.) For a system where the only permit issues are *other design considerations* and the approved design was submitted by a Master Installer, then this form must be signed by the Master Installer. This construction completion notice is required in addition to the system registration in order for an operating permit to be issued by the NDEE. See Nebraska Administrative Code Title 124, Chapter 3, Sections 003.03B and 005.01. If there is any question about who can sign the completion notice for this project contact the NDEE Onsite Program.

I swear or affirm that the information and documentation submitted are true, complete, and accurate and certify that construction agreed with approved construction permit documents or subsequent changes approved by the Department.

_____ _____
Print Name Firm and City

_____ _____
Signature Certificate/License Number

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS002550

System Type: Standard

Situs: No Site Address Specified

Issued: 6/1/2023

Expires: 6/1/2024

Description: BRONCO HILLS ESTATES 2ND ADDITION, BLOCK 2, Lot 3

Owner: HELIKAR, TOMAS & RESA
5309 S 62 ST
LINCOLN, NE 68516

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, 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.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
Health Director

RAYMOND CONTRACTING INC
13800 NW 70TH ST
RAYMOND, NE 68428

SCANNED

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
HS002550

State Construction Permit 230WT014

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* 5835 Bronco Hills Dr (no rural route) City Denton, NE Zip 68339

Legal Description NE 1/4 NE 1/4 24 Section 9N Township 5E Range Bronco Hills Estates 2nd Add. Subdivison 2 Block 3 Lot

PID 03-24-207-003-000 *Approx. Address (If to be determined)

B. Owner

Name Tomas Helikar Signature

Address 5309 S 62nd St City/State/Zip Lincoln, NE 68516

Home Phone 402-547-8904 Work Phone

C. Certified Installer

Name: Terri Jakoubek Signature Terri L. Jakoubek

Address 13800 NW 70th St City/State/Zip Raymond, NE 68428

Work Phone 402-783-2663

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 6 Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 3.13
Garbage Grinder? ☑ Yes ☐ No

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

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process

1. Health Department
Site visits 10/25/23
Comments
Date rec'd 6/1/23
Date frwd 6/1/23
ACTION ☑ Approved ☐ Disapproved
Signature

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

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

Installation Final Written Approval
By Doug Amos
Date 11/08/23

Business Office Use Only
Date Received 5-30-23 Amount Paid $460
Received By SAO Cash/Check No. CC5040

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

Form A Updated: 2/18

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3131 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

D

Permit Number: HS002550

Onsite Wastewater Treatment System
As-Built Description and Drawing

Type of Onsite Wastewater System: ☐ Lagoon (Skip to Back Page) ☑ Subsurface Septic ☐ Mound

Onsite Wastewater System Location PID = 03-24-207-003-000

Address or Legal Description or Parcel Identification Number (PID) 5835 Bronco Hills Dr, Denton, NE 68339

Owner: Tomas Helikar Address 5309 S 62nd St, Lincoln, NE 68516

A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between dwelling and septic tank: 106 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2-2000g tanks
3. Depth to top of tank, below unfinished grade: 33 in.
4. Distance to:
   Well 100 ft. +
   Pressure line N/A ft +
   Property Line 5 ft. +
   Foundation 70 ft. +

C Distribution Box or Drop Box

Distance and Direction from septic tank: 12 ft. E

D. Drainfield/Absorption Field

☑ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☐ Chamberless ☑ Other
   Material brand and inside width of Chamberless: EZFlow 1203H Bundles
2. Number of Laterals: 3 Depth: 6.25' deep trench lined with 2.25' of gravel
3. Length of each lateral (linear): ft. 150 ft. 150 ft. 150 ft. _____
4. Drainfield size: 2,025 sq. ft.
5. Distance to:
   Well 100 ft. +
   Pressure line N/A ft. +
   Property line 5 ft. +
   Depth of Groundwater >10'

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☑ Yes (Partially) ☐ No

If Yes, the Certified Professional must sign below for final approval:

I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate.

Certified Professional Signature: Neri L. Jahnsen Date: 10/26/23

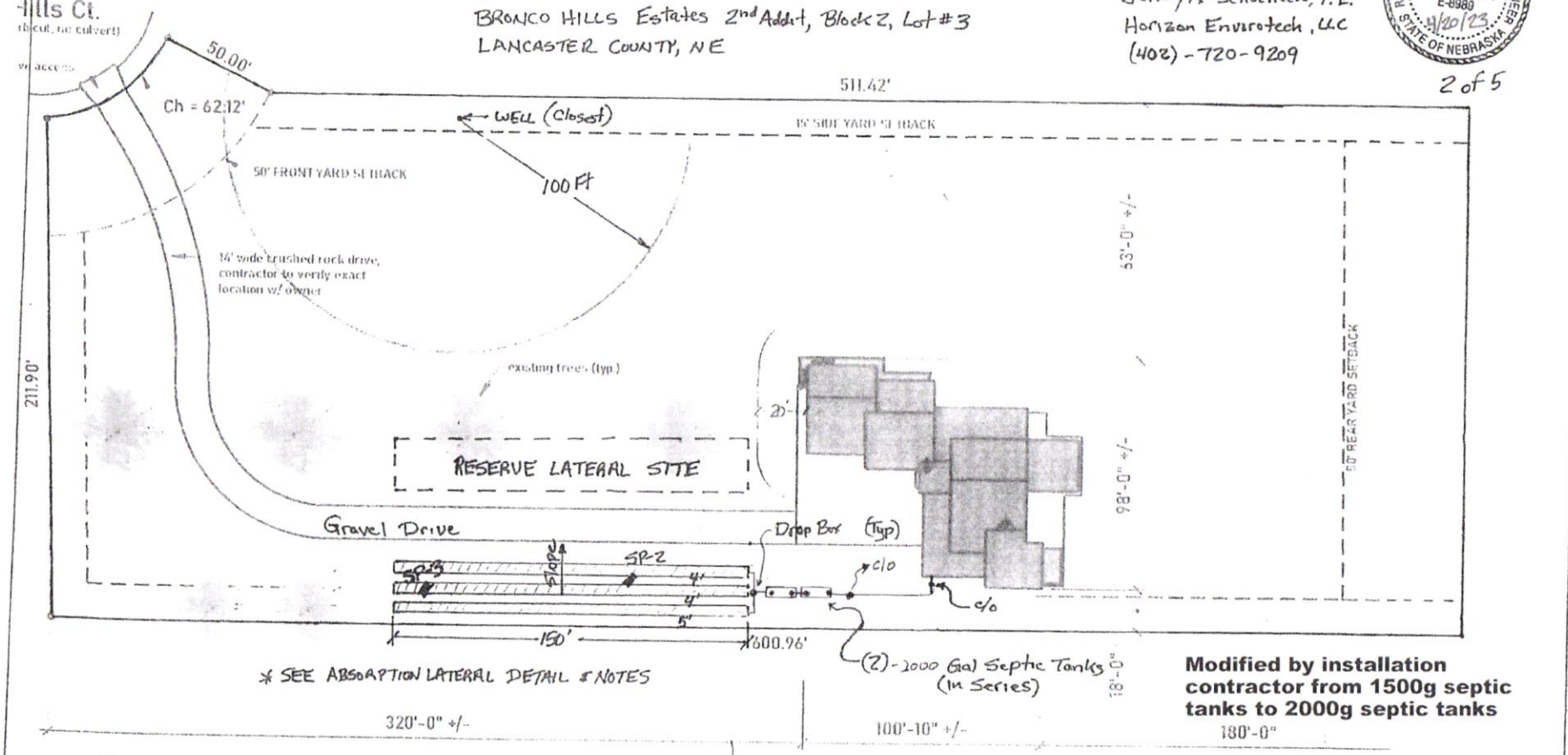
Complete As-Built drawing on the back of this form.

SEPTIC SYSTEM PLAN

HELIKAR RESIDENCE
BRONCO HILLS Estates 2nd Addit, Block 2, Lot #3
LANCASTER COUNTY, NE

Prepared By:
Jeffery N Schoeneck, P.E.
Horizon Envirotech, LLC
(402) - 720 - 9209

PROFESSIONAL AGRICULTURAL ENGINEER
JEFFERY N. SCHOENECK
E-8980
STATE OF NEBRASKA
4/20/23



* SEE ABSORPTION LATERAL DETAIL & NOTES

Modified by installation contractor from 1500g septic tanks to 2000g septic tanks

Site Plan

Raymond Contracting Inc
13800 NW 70th St
Raymond, NE 68428
10/26/23