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

**A**

Permit Number HS002519

# 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* 14300 NW 98th St (no rural route) City Raymond, NE Zip 68428

Legal Description SW NW 3 11N 5E 1
(1/4 1/4 Section Township Range Subdivison Addition Block Lot)

PID 05-03-100-002-000 *Approx. Address (If to be determined)

## B. Owner

Name Matthew N Anderson Signature [signature]

Address 14300 NW 98th St City/State/Zip Raymond, NE 68428

Home Phone 402-480-5515 Work Phone

## C. Certified Installer

Name: Terri Jakoubek Signature [signature]

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 Whirlpool Bathtub? ☐ Yes ☐ No Total Acres 5.28
Garbage Grinder? ☐ Yes ☐ No

☑ Commercial Establishment/Other Facility Specify Assembly Hall/Class Room type Facility With restrooms, no food services. Design flow in gallons per day 750

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 4-05-23 Amount Paid $460
Received By JRO Cash/Check No CC 5040

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

Form A Updated: 2/18

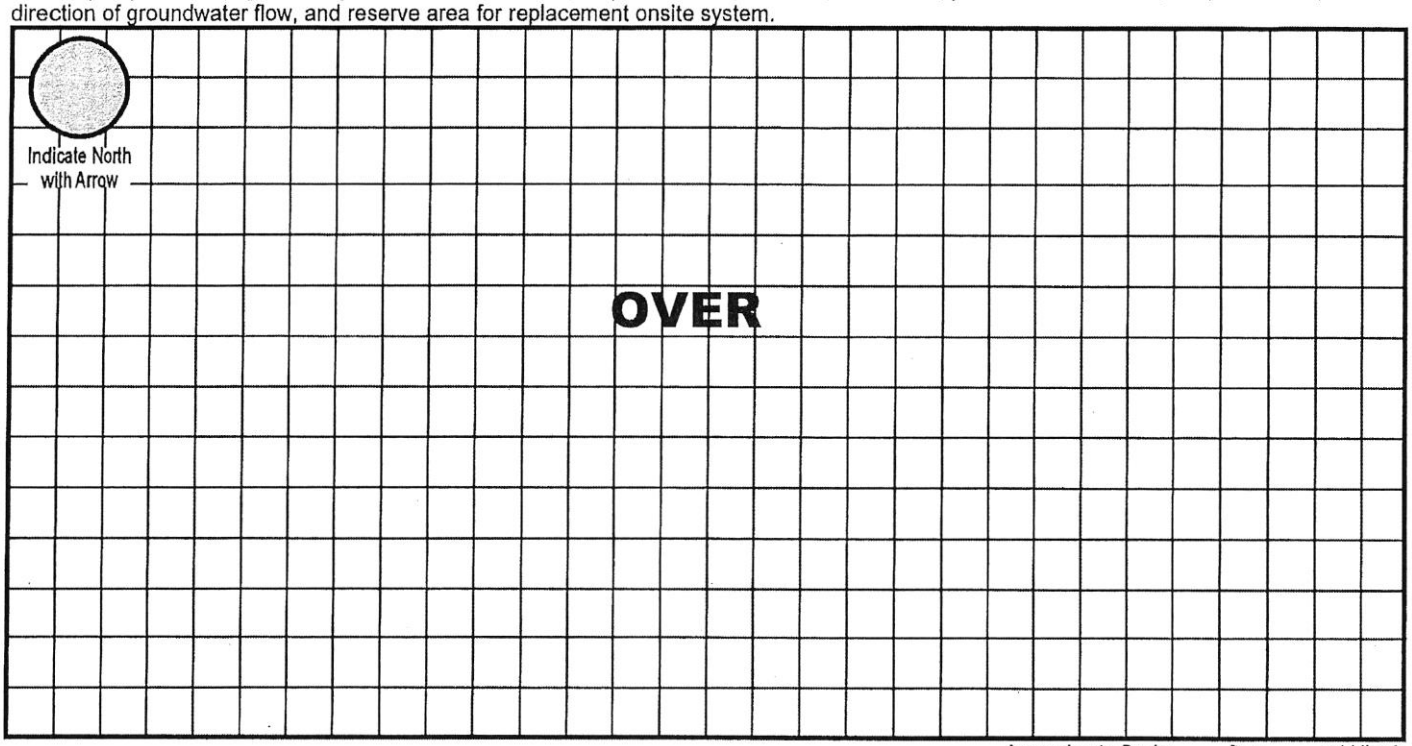
**Lincoln-Lancaster County Health Department**
Environmental Public Health Division
3131 O Street • Lincoln NE 68510-1514
Phone: 402-441-8643

**C**

Permit Number

# Onsite Wastewater Treatment System
# Preliminary Plan Specification

Draw a plot plan showing onsite system sewer lines, tank, drop or distribution boxes, drainfields, percolation test holes, well, residence, direction of groundwater flow, and reserve area for replacement onsite system.




Approximate Scale:____ft. = ____grid line/s

## A. Onsite System Location

Address (no rural route) 14300 NW 98th St City Raymond NE, Zip 68428

## B. Proposed Septic Tank/s

Holding
~~Septic~~ Tank

Septic Tank Cap. 4,000 gals Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____ ☐ Lagoon (Max. Seepage 1/8"/day)
(2 - 2,000g concrete holding tanks with manual float)

## C. Reserve Area for Replacement Onsite System

☐ Drainfield Absorption Area (percolation test required) ☐ Lagoon

## D. Drainfield Absorption System

Percolation Rate_____(min/inch = mpi) No. of Bedrooms_____ Soil Type _____ Land Slope _____ %

☐ Trench ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) Total square feet of drainfield _____ Sq. Ft.

Total length of laterals _____ Type of Distribution: ☐ Perforated Pipe ☐ Half-Round ☐ Chambers ☐ Other _____

No. of Absorption Trenches _____ Width _____ No. of Drop Boxes _____ Distribution Box _____

No. of Absorption Beds _____ Width _____ No. of Distribution Lines per Bed _____

Installer Neil R. Johansen Date: 4/4/2023

# BRANCHED OAK OBSERVATORY - MULTI PURPOSE BUILDING

14300 NW 98TH ST, RAYMOND, NE 68428

PERMTI SET - 8.10.2022

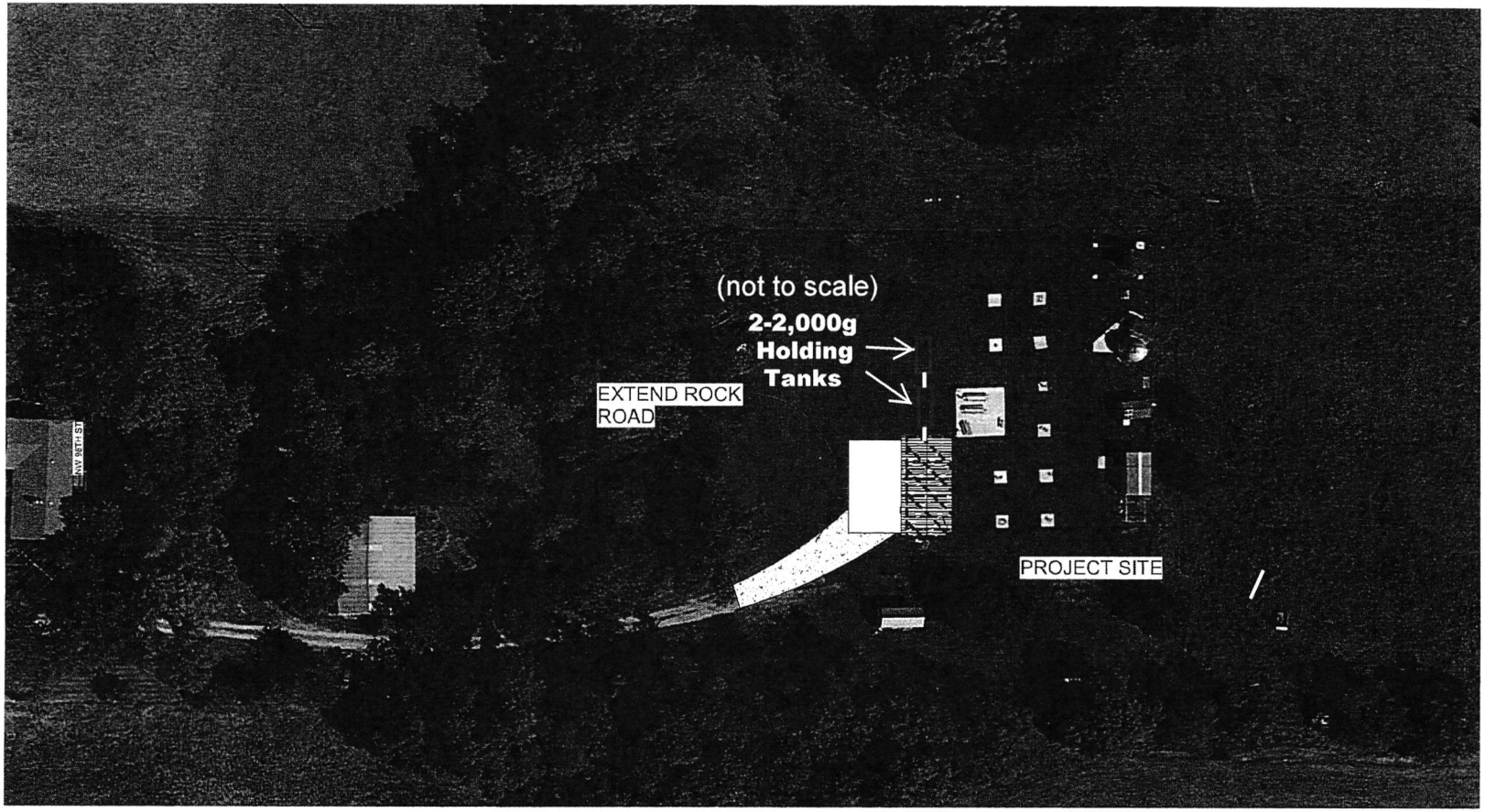
LEGAL DESCRIPTION: S3, T11, R5, 6TH PRINCIPAL MERIDIAN, LOT 1 NW W/4SEC.
PARCEL ID: 0503100002000


G001 COVER SHEET
G002 CODE PLAN
G003 NOTES

S000 GENERAL NOTES AND TYPICAL DETAILS
S100 FOUNDATION PLAN

A100 SITE PLAN
A103 FLOOR PLAN
A104 REFLECTED CEILING PLAN
A105 ROOF PLAN
A106 EXTERIOR ELEVATIONS
A107 SECTIONS
A108 INTERIOR ELEVATIONS


② VICINITY MAP
1/32" = 1'-0"





ACRE DESIGN+

BRANCHED OAK OBSERVATORY

6101 South 58th Street, Suite B
Lincoln, NE, 68516
402-437-1745


BRANCHED OAK OBSERVATORY
-
14300 NW 98TH
RAYMOND, NE
68402

PERMIT PLAN

| No. | Description | Date |
|---|---|---|
| | | |

COVER SHEET

| | |
|---|---|
| Job No. | A22-110 |
| Date | 8.10.22 |
| Drawn By | MRC |
| Checked By | ZMW |

G001

Scale: 1/32" = 1'-0"

## Tank usage

**From :** Matthew Anderson <matthew@branchedoakobservatory.com> Fri, Mar 31, 2023 09:39 AM

**Subject :** Tank usage

**To :** jakoubek63@windstream.net

Terri,

I anticipate usage of 100-150 per day during the peak summer hour period of Memorial Day thru Labor Day.

Large gathering capacity will be augmented with porta potties. One large event of up to 1,200 once a year.

Here's to Dark & Clear Skies,

Matthew N. Anderson
Co-Founder\Chief Executive Officer
Branched Oak Observatory
14300 NW 98th Street
Raymond, NE. 68428
cell 402-480-5515
Branched Oak Observatory is a 501(c)3

"Bringing the Night Sky Down to Earth"

BRANCHED OAK OBSERVATORY

Like and follow us on Facebook
Twitter - branchedoakobs
www.branchedoakobservatory.com
www.theboo.org
Instagram - https://www.instagram.com/branchedoakobs/

Owner is aware weekly pumping of tanks will be needed during peak summer hours.

Terri L. Jakoubek

## Construction of a Multipurpose Center for Branched Oak Observatory

BRANCHED OAK OBSERVATORY

For nearly a decade now, Branched Oak Observatory has been "Bringing the Night Sky Down to Earth" for the people of Lincoln and Lancaster County Nebraska. Our mission is to inform and inspire the public about astronomy by sharing the wonders of the night sky in an entertaining and educational way. Further, it is our mission to encourage the next generation of professional astronomers, scientists, and engineers. The next Robert H. Goddard, Katherine Johnson, or even Nebraska Astronaut Clayton Anderson might be right here in our community, and we want to help them discover their passion.

Branched Oak Observatory, the Midwest's premier destination for space-science education is breaking ground on our most exciting venture yet, a state-of-the-art Multi-Purpose Center. This outstanding facility will not only house modern classrooms and restrooms, but a "multipurpose space" that can be used for exhibits, science demonstrations, and even sleeping quarters for scouts and overnight Summer camps.

Branched Oak Observatory has been working with ACRE-Design and Stonebrook Exterior, both of Lincoln, Nebraska, to create this 1,500 sq/ft Multi-Purpose Center that will allow us to take our educational programming to the next level. We are so grateful and honored that both companies have pledged a significant amount of product and services to see through with the construction of this facility. Further, they will work with their extensive team of general contractors and manufacturers to obtain quality materials at complimentary or discounted rates. The structural engineer with ACRE-Design (dba N3C) provided a cost estimate for the construction of the Multi-Purpose Center at $233,886 not including special allowances. The balance of the construction costs will come from community partners, funding already raised, and special grant opportunities should we be fortunate enough to be awarded.

With the proposed construction of the new Multi-Purpose Center, Branched Oak Observatory will be able to realize the challenging programming goals we have slated for 2023 including Robotics Summer Camps and Earth-Moon-Earth communication demonstrations. These unique offerings added to our current complement of space-science programs will provide the community with opportunities found **nowhere** else in the country. While we deliver amazing experiences for a wide audience, our hope is to inspire an all-new generation, and to do that, we need to cater to groups from area school-districts. This Multi-Purpose Center will not only provide the classroom space, but the much-needed modern bathroom facilities necessary to accommodate these students.

Our impact on the community is tremendous, from rekindling a childhood interest in the stars to introducing students to a universe of career opportunities. Like any endeavor of this magnitude, a great number of partners need to come together to lend a hand. We appreciate anything that **you** might be able to contribute, and look forward to seeing this project take to the stars.

Michael Sibbernsen

**Michael Sibbernsen**
**CEO - Branched Oak Observatory**
**NASA Solar System Ambassador**

BRANCHED OAK OBSERVATORY

# PRESS RELEASE

**FOR IMMEDIATE RELEASE**
JANUARY 10, 2023

## MULTIPURPOSE CENTER FOR BRANCHED OAK OBSERVATORY

Branched Oak Observatory is excited to announce we will be breaking ground for our new multipurpose center facility. Established in 2015, the Branched Oak Observatory is an astronomy park located just southeast of the Branched Oak Recreation Area 20 miles outside of Lincoln, Nebraska. We offer a wide variety of experiences, including classroom activities, solar viewing, nighttime viewing, space communications with satellites and the ISS and newly installed Earth Moon Earth.

The addition of the multipurpose building will significantly increase the classroom capabilities, astronomy library, and new restrooms to serve the visitors of the observatory. This building will allow us to serve Lincoln Public Schools as a hands-on outreach featuring STEM education along with serving those who are underserved in our community through organizations such as the Boys and Girls Club, Cedars Home and others, by providing an educational experience to help these children to set their course for amazing careers.

We have compiled a powerhouse team of professionals from ACRE Design+, BluCor Construction Group, and Stonebrook Exterior, to oversee the design and construction of the new facility. The multi-purpose center was designed by the incredible team of architects and design professionals at ACRE Design+, located in Lincoln, NE. BluCor Construction Group, also located in Lincoln, Ne, will serve as the General Contractor for the project, and Stonebrook Exterior will serve as the building envelope construction team, bringing extensive construction experience to the table from both public and private projects throughout the United States.

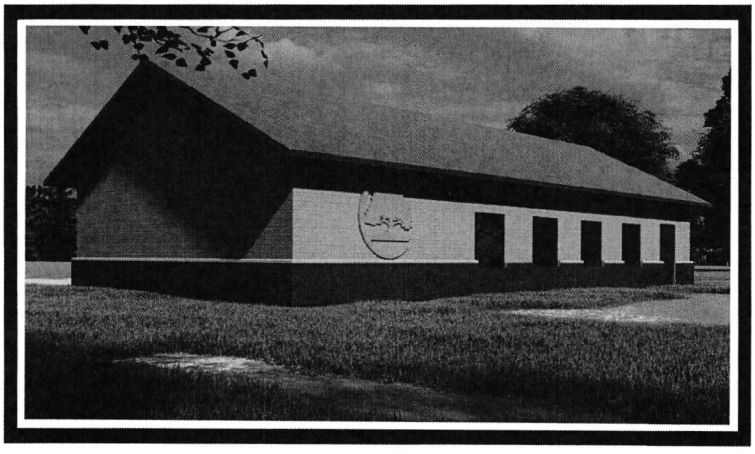
The public is invited and encouraged to join us to celebrate the start of the construction process during a groundbreaking ceremony that will be held on **Tuesday, January 17th at 3:00p.m.,** at 14300 NW 98th St., Raymond, NE 68428. There will be an exciting and EXPLOSIVE Ceremony followed by a reception. You won't want to miss it!

Here's to Dark & Clear Skies,

**Matthew N. Anderson**
Co-Founder\Chief Executive Officer

Branched Oak Observatory
14300 NW 98th Street
Raymond, NE 68428
Cell: (402) 480-5515

Branched Oak Observatory is a 501(c)3



SCANNED

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

**A**

Permit Number
HS002829

# 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* 14300 NW 98th St (no rural route) City Raymond, NE Zip 68428

Legal Description SW 1/4 NW 1/4 Section 3 Township 11N Range 5E Subdivison _____ Addition _____ Block _____ Lot 1

PID 05-03-100-002-000 *Approx. Address (If to be determined) _____

## B. Owner

Name Matthew N Anderson Signature [signature]

Address 14300 NW 98th St City/State/Zip Raymond, NE 68428

Home Phone 402-480-5515 Work Phone _____

## C. Certified Installer

Name: Terri Jakoubek Signature [signature]

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 _____ Whirlpool Bathtub? ☐ Yes ☐ No Total Acres 5.28

Garbage Grinder? ☐ Yes ☐ No

☑ Commercial Establishment/Other Facility Specify Assembly Hall/Class Room type Facility With restrooms, no food services. Design flow in gallons per day 750

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 4-20-22 Amount Paid $460
Received By MW Cash/Check No. 005040

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

Form A Updated: 2/18

SCANNED

**Branched Oak Observatory Visitor Information**
(as provided by Co-Founder, CEO Matthew Anderson)

| | People | | 5gpd per person | |
|---|---|---|---|---|
| Daily Usage | Min | Max | Min | Max |
| Wednesday thru Thursday | 20 | 40 | 100 | 200 |
| Friday | 60 | 80 | 300 | 400 |
| Saturday | 60 | 150 | 300 | 750 |
| Sunday | 60 | 80 | 300 | 400 |
| School Visits - Twice Weekly (2 hours in duration) | 20 | 60 | 100 | 300 |
| Summer Camps, Day (4 hours) | | 60 | 0 | 300 |
| Summer Camps, Weekend (4 hours) | | 60 | 0 | 300 |
| Summer Camps, Week Long (4 hours) | | 30 | 0 | 150 |
| Staff - Weekends 3 people (8 hours) | | 33 | 0 | 165 |

**Large Events - Augmented with Porta-Potties** gallons per event
1000 to 1200 visitors, 15 staff
Building restroom usage for large events 999
(Historical data from the Observatory, 4 porta-potties handled wastewater for these large events)

Gallons per day guidance obtained from EPA OWTS Manual
Using Assembly Hall numbers, estimating usage on the high side @ 5gpd per person

Raymond Contracting Inc
Terri Jakoubek, 1198
13800 NW 70th St, Raymond, NE 68428
402-783-2663 or 402-890-3870
jakoubek63@windstream.net
4/20/2023

SCANNED



**Capacity**

**From :** Matthew Anderson <matthew@branchedoakobservatory.com> Wed, Apr 19, 2023 12:29 PM
**Subject :** Capacity
**To :** Terri Jakoubek <jakoubek63@windstream.net>

The need to increase the capacity from 4,000 to 8,000 gallons. There will be 2 manual gauges on tanks 2 and 3 with an electronic one on the final tank. For our larger event the annual StarBQ and any other large events that may reach 1,000 people or more we will supplement with additional porta potties to accommodate unforeseen spike in usage.

Our anticipated daily on a Wed-Thursday is 20-40 people. Friday-Sunday during the summer time we may max out at 150 people on a Saturday. Fridays and Sundays may reach between 60-80. As we grow, we will have a history to look back upon historical trends based upon events that have been done. School groups will begin in the fall and thru the spring time. Anticipated class size will be between 20-60 students once or twice a week. This may eventually become a bi-weekly event or more in the future. It most likely won't be this year depending upon completion of the building, but during the summer we are looking at holding day camps, weekend camps and week long camps (we will have week long camps capped at 30). All camps will be 4 hours in duration. Capping attendance to 30 kids. Staffing will be 3 individuals on the weekends for 8 hours a day beginning Memorial Day weekend thru Labor Day.

The annual StarBQ with anticipated attendance of 1,000-1,200 will have additional staff of 12-15 people.

We will also be contracting with a primary vendor for septic removal and have a back up. Several vendors were mentioned and we will reach out to both of them for contractual obligations. For all major events we will have the tanks drawn down to as close as empty as possible.

If there is anything else you need, please let me know.

Here's to Dark & Clear Skies,

Matthew N. Anderson
Co-Founder\Chief Executive Officer
Branched Oak Observatory
14300 NW 98th Street
Raymond, NE. 68428
cell 402-480-5515
Branched Oak Observatory is a 501(c)3

"Bringing the Night Sky Down to Earth"

BRANCHED OAK OBSERVATORY

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www.branchedoakobservatory.com
www.theboo.org
Instagram - https://www.instagram.com/branchedoakobs/

**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. HS002519**

**System Type:** Holding Tank

**Situs:** No Site Address Specified

Issued: 4/28/2023

Expires: 4/28/2024

**Description:**

**Owner:** ANDERSON, MATTHEW N & TRACY L
14300 NW 98 ST
RAYMOND, NE 68428

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

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

SCANNED

**A**

Permit Number HS002519

# 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* 14300 NW 98th St City Raymond, NE Zip 68428
(no rural route)

Legal Description SW NW 3 11N 5E 1
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 05-03-100-002-000 *Approx. Address (If to be determined)

## B. Owner

Name Matthew N Anderson Signature

Address 14300 NW 98th St City/State/Zip Raymond, NE 68428

Home Phone 402-480-5515 Work Phone

## C. Certified Installer

Name: Terri Jakoubek Signature

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 Whirlpool Bathtub? ☐ Yes ☐ No Total Acres 5.28
Garbage Grinder? ☐ Yes ☐ No

☑ Commercial Establishment/Other Facility Specify Assembly Hall/Class Room type Facility With restrooms, no food services. Design flow in gallons per day 750

Type of Wastewater ☐ Domestic ☐ Non-Domestic

***DO NOT WRITE BELOW THIS LINE***

## Approval Process

**1. Health Department**
Site visits
Comments
Date rec'd 4/28/23
Date frwd 4/28/23
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
Date 7/7/23

see bdlt as-

***Business Office Use Only***
Date Received 4/25/23 Amount Paid $460
Received By JRO Cash/Check No CC 5040

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: HS002519

# Onsite Wastewater Treatment System
## As-Built Description and Drawing

✓ Domestic Wastewater Holding Tanks

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

**Onsite Wastewater System Location** PID = 05-03-100-002-000

Address or Legal Description or Parcel Identification Number (PID) 14300 NW 98th St, Raymond, NE 68428

Owner: Matthew Anderson Address 14300 NW 98th St, Raymond, NE 68428
Branched Oak Observatory

### A. Wastewater Piping

1. Material: SDR26 Diameter: 4 in.
2. Distance between Building and 1st holding tank: 8.5 ft.

### B. Holding Tanks

1. Material Concrete
2. Capacity: 8,000 gallons (4 - 2,000g tanks)
3. Depth to top of tank, below unfinished grade: 16-24 in.
4. Distance to:
   Well 80 ft. +
   Pressure line N/A ft +
   Property Line 50 ft. +
   Foundation 8.5 ft. +

### C Distribution Box or Drop Box

Distance and Direction from septic tank: _____ ft. _____

### D. Drainfield/Absorption Field

❑ Trench ❑ Bed

1. Type: ❑ Perforated Pipe ❑ Chamberless ❑ Other
   Material and inside width of chamberless:
2. Number of Laterals _____ Depth: _____
3. Length of each lateral: _____ ft. _____ ft.
   _____ ft. _____ ft.
4. Drainfield _____ s
5. Distance to:
   Well _____ ft. +
   Pressure line N/A ft. +
   Property line _____ ft. +
   Depth of Groundwater _____

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☑ Yes ❑ No

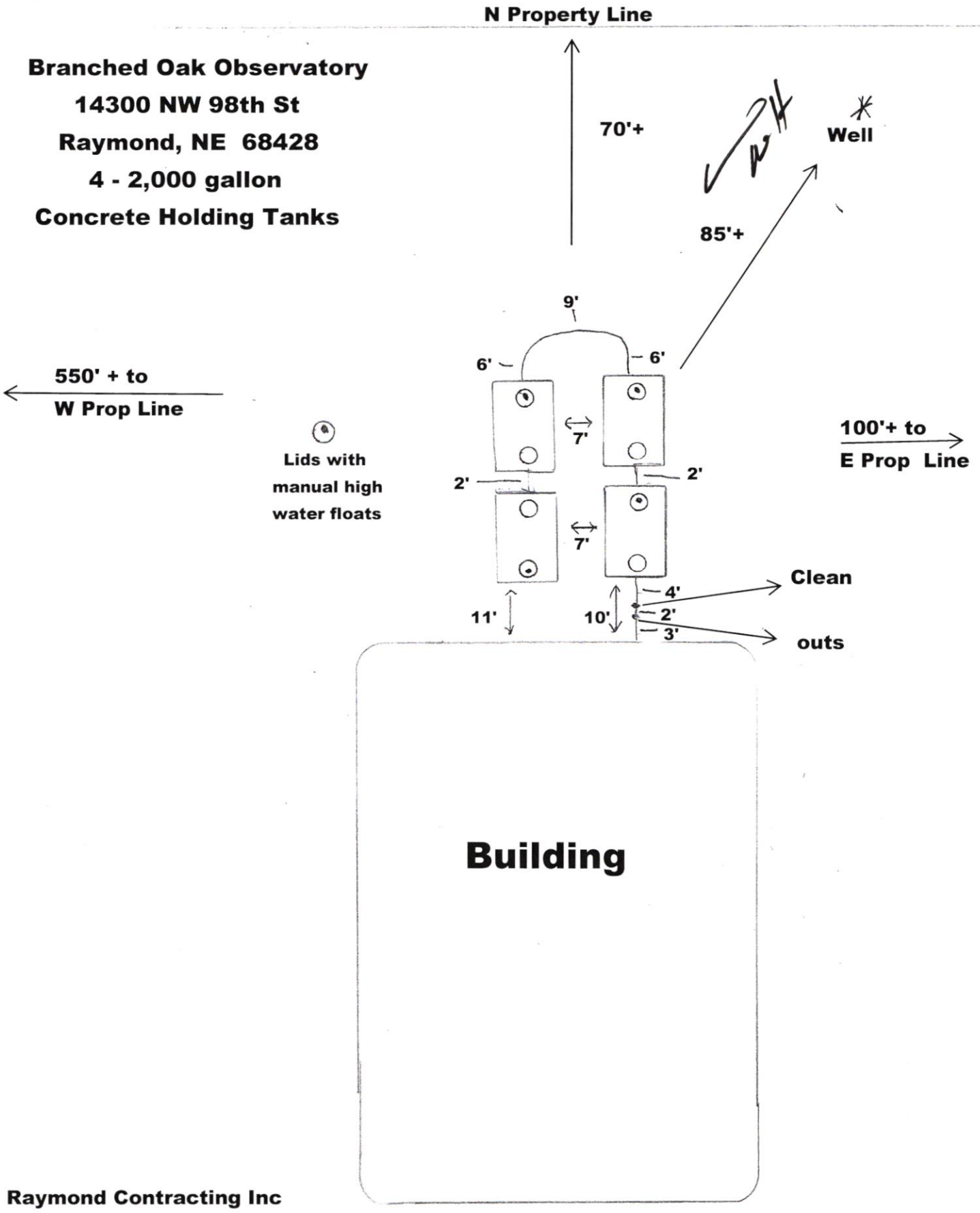
If Yes, the Certified Professional must sign below for final approval:

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: Mark L. Jakubek Date: 6/13/23

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

**Branched Oak Observatory**
**14300 NW 98th St**
**Raymond, NE 68428**
**4 - 2,000 gallon**
**Concrete Holding Tanks**




**Raymond Contracting Inc**
**13800 NW 70th St**
**Raymond, NE 68428**
**June 13, 2023**

## Nate C. Hartman

**From:** Nate C. Hartman
**Sent:** Friday, April 28, 2023 10:24 AM
**To:** Terri Jakoubek; matthew@branchedoakobservatory.com
**Cc:** Doug R. Smith; Chris M. Schroeder; Michael R. Gude
**Subject:** RE: Revised Capacity Observatory

All:

Your onsite wastewater construction permit is in the process of being reviewed. Please remember that you will want to supplement the restrooms inside the facility with some temporary porta-potty facilities during large events. My suggestion would be to contact your porta-potty supplier and work with them to determine a number of porta-potties to be supplied in order to appropriately supplement what is being proposed/constructed. After speaking with a Certified Pumper regarding this proposed "holding tank" setup, the suggestion was made to put a manual gauge on ALL tanks in order to help determine the ACTUAL flow as this may help determine an estimated "capacity" timeframe per event,-something to consider.

As stated in our meeting, I strongly recommend having your certified contractor AND your certified pumper collaborate with the placement of the tanks and configuration of manual "high-water" gauges in addition other things that may not have been discussed. Also, as a reminder, we strongly recommend that you contact the NDEE regarding the water supply for this facility as it may be classified as a "community" water supply well through a change-of-use. This has the potential to make a difference on tankage placement and configuration in order to meet proper setbacks from said well.

If anyone has any questions, please let me know as soon as possible.

Thanks!

Nate Hartman REHS, QCIS, QPSWPPP
Senior Environmental Health Specialist
3131 'O' Street, Lincoln, NE 68510
O: 402-441-8643 F: 402-441-3890

**From:** Terri Jakoubek <jakoubek63@windstream.net>
**Sent:** Wednesday, April 19, 2023 1:05 PM
**To:** Nate C. Hartman <nhartman@lincoln.ne.gov>
**Subject:** Revised Capacity Observatory

here's a revised version

Terri Jakoubek
Raymond Contracting, Inc.
13800 NW 70th St
Raymond, NE 68428
402-783-2663 (Office)

402-890-3870 (Mobile)
jakoubek63@windstream.net

---

**From:** "Matthew Anderson" <matthew@branchedoakobservatory.com>
**To:** "Terri Jakoubek" <jakoubek63@windstream.net>
**Sent:** Wednesday, April 19, 2023 12:29:18 PM
**Subject:** Capacity

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If there is anything else you need, please let me know.

Here's to Dark & Clear Skies,

Matthew N. Anderson
Co-Founder\Chief Executive Officer
Branched Oak Observatory
14300 NW 98th Street
Raymond, NE. 68428
cell 402-480-5515
Branched Oak Observatory is a 501(c)3

"Bringing the Night Sky Down to Earth"

BRANCHED OAK
OBSERVATORY

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Twitter - branchedoakobs
www.branchedoakobservatory.com
www.theboo.org
Instagram - https://www.instagram.com/branchedoakobs/

## Nate C. Hartman

**From:** Nate C. Hartman
**Sent:** Tuesday, April 25, 2023 1:21 PM
**To:** Terri Jakoubek
**Cc:** Michael R. Gude; Chris M. Schroeder
**Subject:** FW: Observatory Water Supply

Terri:

As discussed in our meeting, I did inquire about the water supply for the observatory. See below... I am not sure that it is necessarily the responsibility of the wastewater contractor BUT if a determination is made in the direction of this potentially being a public water supply well onsite, that will DEFINATELY make a difference on setbacks... Please forward to them as you see fit...

Thanks!

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**From:** Michael R. Gude <MGude@lincoln.ne.gov>
**Sent:** Monday, April 24, 2023 2:24 PM
**To:** Nate C. Hartman <nhartman@lincoln.ne.gov>
**Subject:** Observatory Water Supply

Nate,

I would have the folks who had the questions on community water supplies call the State. They will need to explain what they plan to do and let the state define what they will be and go from there. To me it sounds like a "transient non-community water system", which is still a public water system. Which makes me think they need to meet public water system setbacks, state will have the specific answers.

Thanks,

Michael Gude, REHS
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