AITKIN COUNTY

CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this 26th day of October, 2023 to certify compliance\~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: .87 AC OF LOT 1 IN DOC 134321

Section 16 Township 46 Range 26 Lake Elm Island Lake
PERMIT NO. 47862 Owner Name David & Sally Bell
Address 37325 316th Ln, Aitkin, MN 56431
Installer Name Mark Ritter
Type of System Inspected Type 3 4BR Mound
Parcel Number 24-1-070900

The certificate of installation/~~notice of noncompliance~~ was based on No 1 of the following:

1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.

2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.

If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:

1) Statement of the findings of fact through inspections or investigations:

2) List of specific violations of Ordinance:

3) Requirements for correction or removal of violations:

4) Time schedule for compliance:

Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE Jody Grund

SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA

Township Nordland Date of Inspection 10/18/23 App. Number 2023-000517

Owner David + Sally Belt Parcel Number 24-1-070900

Project Address 37325 316th LN Installer Ritter

City Aitkin Zip Code 56431

New [X] Repair [ ]

DIST. or DROP BOX & TYPE _____

SETBACKS:

Buildings to tank(s) 30

Buildings to drainfield 40'

Well(s) 50' or (100') 102'

Lake/Creek/Wetland _____

SEPTIC TANKS: New X Existing ____

Number of tanks installed 2

Liquid capacity and type Jacobson 1650

Type of baffle Plastic

Inspection pipes 4"

Manholes size 24"

Manhole to grade Yes X No ____

PUMPS: New X Existing ____

Tank capacity and type 520

Pump manufacturer & model # Gould PE51

Horsepower & GPM .5 29gpm

Feet of head 24'

Gallons per cycle 107 gallon

Size of discharge line 2" D 125'

Type & location of alarm Electric Inside Home

Water meter _____

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Trench/Bed depth _____

Trench/Bed length _____

Trench/Bed bottom width _____

Trench spacing _____

Drainfield rock below pipe _____

Size of gravelless pipe _____

Depth of backfill _____

Absorption area: square feet _____

lineal feet _____

MOUNDS:

Percent slope 0

Upslope sand width 5'

Downslope sand width 20'

Sideslope sand width 10'

Drainfield rock below pipe 9"

Depth of sand below rock 2'

Perforation size & spacing 7/32" 3'

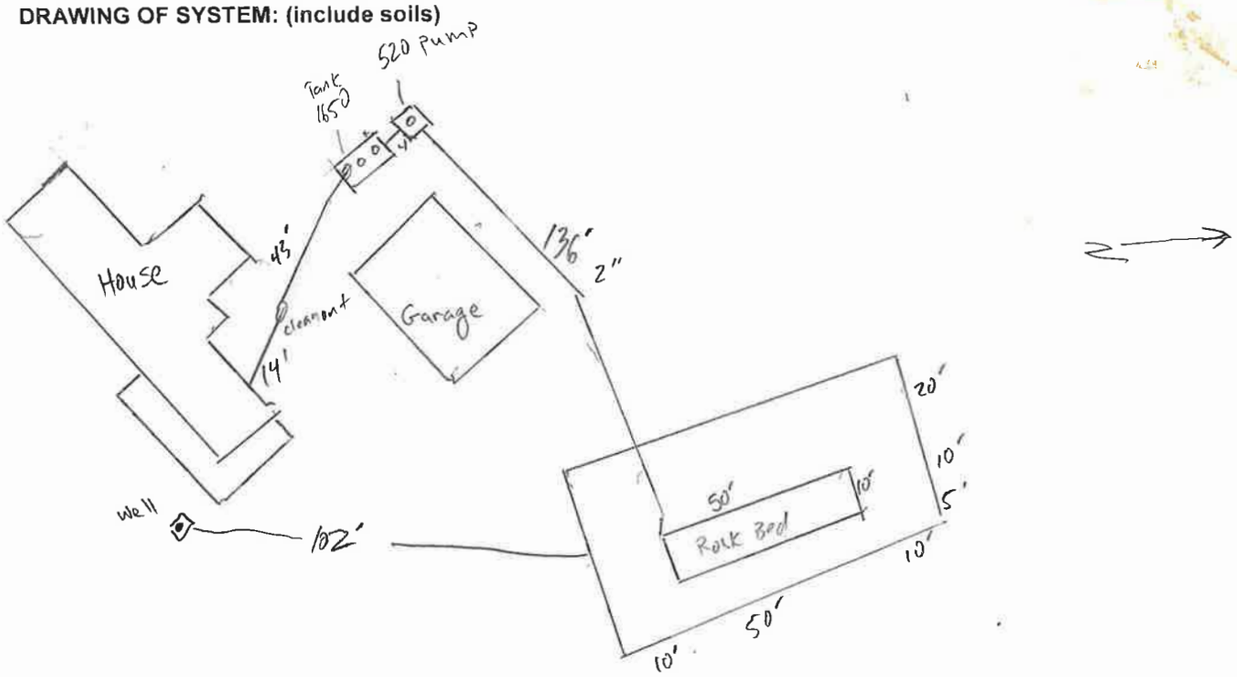
Pipe size & spacing 1.5 3'

Dimensions of rock bed 10 x 50

Dimensions of sand base 38 X 72'

Final cover 38x80 14"

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: _____

Inspector's Signature _____ Installer's Signature _____

Rev:1/13 White – County Yellow – Applicant Pink - Installer

Ritter Lumber 37325 316th LANE, AITKIN

10-19-23

JACOBSON PRECAST CONCRETE

TANK INSTALLATION INSTRUCTIONS

Model # 1650 Date Built: 8-22-23 Gallons: 1650 Bury Depth 1 1/2'

Model # 520P Date Built: 7-24-23 Gallons: 520 Bury Depth 2'

SITE CONDITION:

The site must be accessible to large, heavy trucks. Free of items like trees, stumps, overhead wires, etc. That could interfere with delivery or installation and allows trucks to within 3 to 5 ft of placement excavation.

EXCAVATION:

Excavation should be approximately 12" minimum larger than tank size to allow for adequate back fill. This may vary with soil conditions. Excavation shall have a level bottom so the weight bears on the outside walls of the tank.

BEDDING:

Each tank should be placed on about 6" of proper bedding material leveled, and should be compacted to minimum 95% compaction if tested, to ensure the life of the tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to pass through a ½" screen.

WATER TABLE:

When tanks are being placed where water levels can potentially be higher than the elevation of the tank cover, an alternate location should be considered. If water table is high installer must also consider the tank my float, if this is a possibility tank must be tied down before backfilling.

BACKFILL MATERIAL:

Sidewall of tanks require dry backfill materials that have the ability of 100% to be able to pass through a 2" screen and a minimum of 12" on all sides from the bottom to top of tank. Backfill material shall be placed to avoid impact loads on sidewall of the tank.

COVER MATERIAL:

Cover material shall be dry soil, material that has the ability of 100% to be able to pass through a 2' screen. Cover material shall be mounded over tank and around risers to direct run-off away from both.

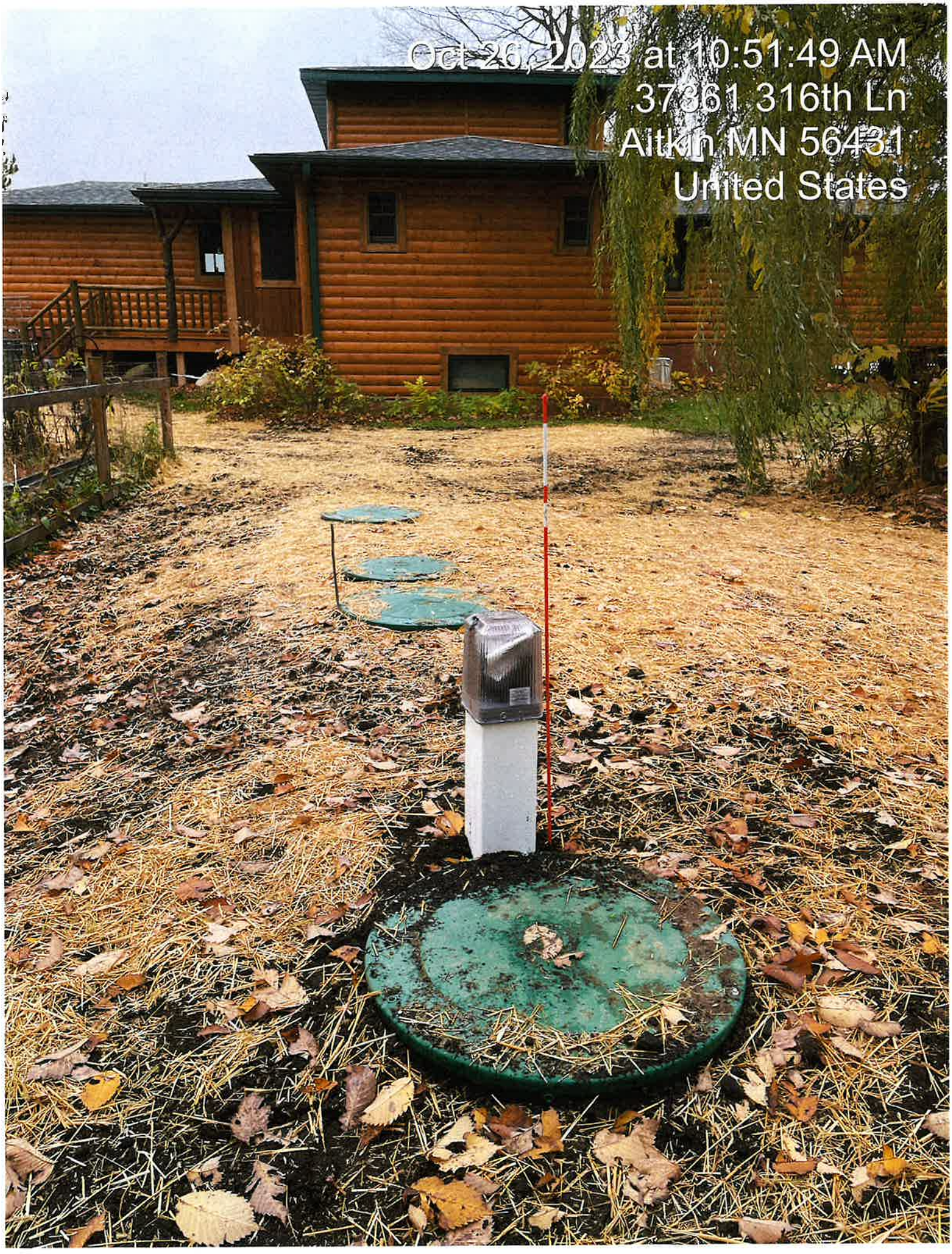
INLET & OUTLET:

Pipe not to exceed 1" past the interior wall of tank where a baffle is used.

BURIAL DEPTH: Tanks to be installed according to model's maximum bury recommendations.


Oct 26, 2023 at 10:58:14 AM
37361 315th Ln
Aitkin MN 56431
United States


Oct 26, 2023 at 10:51:33 AM
37361 316th Ln
Aitkin MN 56431
United States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37361 316th Ln
Aitkin MN 56431
United States


Oct 26 2023 at 10:57:51 AM
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