

JACOBSON PRECAST CONCRETE

TANK INSTALLATION INSTRUCTIONS

Model # 1650 Date Built: 8-8-23 Gallons: 1650 Bury Depth _____

Model # _____ Date Built: _____ Gallons: _____ Bury Depth _____

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 1/2" 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 may 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 & OUFLET:

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:

AITKIN COUNTY
CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this 10th 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: _____
(SWSW) Lot 7 Less 3.58 AC in DOC #176453 less R/W & less the pt lying s and w of co hwy 12

Section 6 Township 46 Range 26 Lake _____
PERMIT NO. 48286 Owner Name Bill Christensen
Address Deer St, Aitkin, MN, 56431
Installer Name _____ Al Dechantel
Type of System Inspected _____ Type 1 3BR Pressure Bed
Parcel Number 24-0-011101

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 10/10/23 App. Number _____

Owner Bill Christenson Parcel Number 24-0-01101

Project Address Deer St. Installer AI Dechante

City Aitkin Zip Code 56431

New Repair

SETBACKS:

Buildings to tank(s) 40

Buildings to drainfield 100

Well(s) 50' or 100' _____

Lake/Creek/Wetland _____

SEPTIC TANKS: New A Existing _____

Number of tanks installed 1650 Jacobson

Liquid capacity and type _____

Type of baffle Plastic

Inspection pipes _____

Manholes size 2 at 24" 1 at 20"

Manhole to grade Yes No _____

PUMPS: New Existing _____

Tank capacity and type _____

Pump manufacturer & model # Zoeller 152

Horsepower & GPM 34 gpm

Feet of head 29'

Gallons per cycle 150 gallon

Size of discharge line 2" 280

Type & location of alarm Electric Tanks

Water meter _____

DIST. or DROP BOX & TYPE _____

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Trench/Bed depth 2'

Trench/Bed length 36.1

Trench/Bed bottom width 16

Trench spacing _____

Drainfield rock below pipe 9"

Size of gravelless pipe _____

Depth of backfill _____

Absorption area: square feet 592 ft²

lineal feet _____

MOUNDS:

Percent slope _____

Upslope sand width _____

Downslope sand width _____

Sideslope sand width _____

Drainfield rock below pipe _____

Depth of sand below rock _____

Perforation size & spacing 7/32" 3' apart

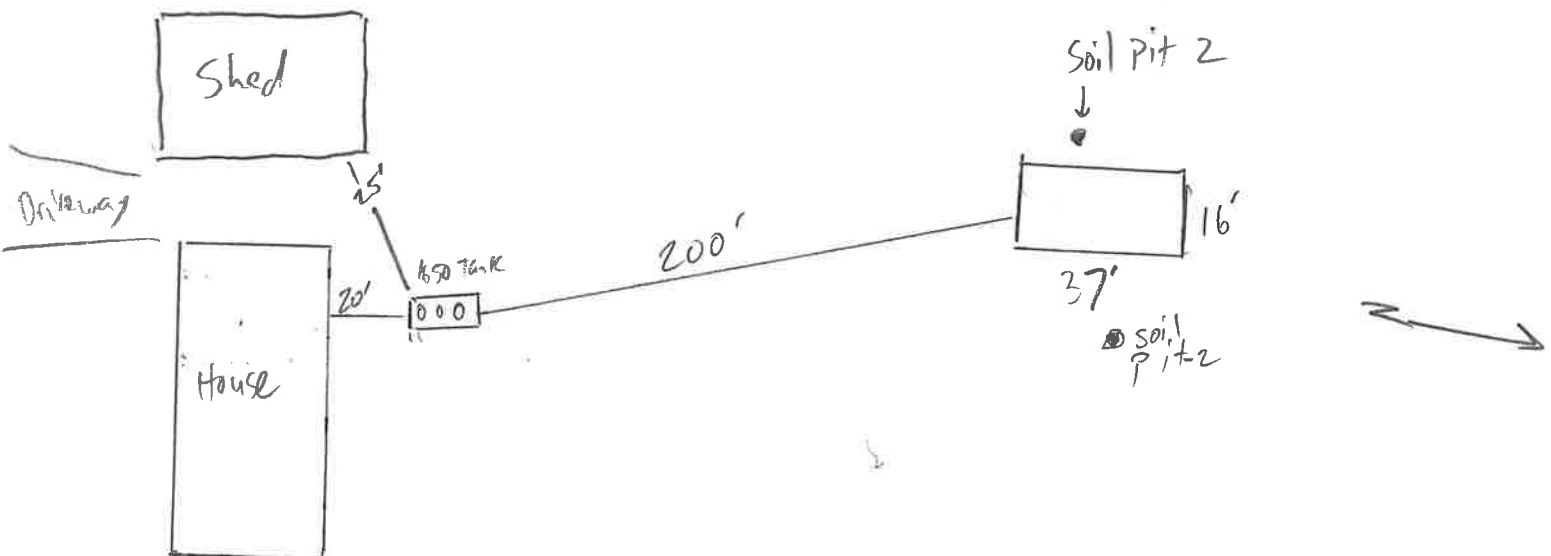
Pipe size & spacing 1.5" - 3'

Dimensions of rock bed 16x 36.1

Dimensions of sand base _____

Final cover 1'

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: _____

Inspector's Signature [Signature] Installer's Signature [Signature]