

Fairchild Const.
9-1-23

JACOBSON PRECAST CONCRETE

TANK INSTALLATION INSTRUCTIONS

Model # 1650 Date Built: 7-25-23 Gallons: 1650 Bury Depth 2'

Model # #2 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 & 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:

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

This certificate of installation/~~notice of noncompliance~~ has been issued this 6th 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: THAT PART OF LOT 4 N OF CSAH #52 LESS 1.78 AC R/W & LESS PT IN DOCS 370458, 371077 & 376994

Section 20 Township 46 Range 26 Lake _____
PERMIT NO. 47197 Owner Name Jffrey & Conni Wetmore
Address 30422 Ok Ave Aitkin, Mn 56431
Installer Name Fairchild Construction
Type of System Inspected 4 Bdrm Type I Mound
Parcel Number 24-0-040102

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, fines and/or imprisonment.

INSPECTOR SIGNATURE 

SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM

AITKIN COUNTY, MINNESOTA

2022-009266

Township Nordland Date of Inspection 9/11/2023 App. Number 47197

Owner Jeffrey & Connie Wetmore Parcel Number 24-0-040102

Project Address 30422 Oak Ave Installer Hunter Fairchild
 City Aitkin Zip Code 56431 T1 HBR Mound

New Repair

DIST. or DROP BOX & TYPE _____

SETBACKS:

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Buildings to tank(s) 61'

Trench/Bed depth _____

Buildings to drainfield 150+

Trench/Bed length _____

Well(s) 50' or 100' No well yet

Trench/Bed bottom width _____

Lake/Creek/Wetland _____

Trench spacing _____

SEPTIC TANKS: New Existing

Drainfield rock below pipe _____

Number of tanks installed (1) 1650 Tac. Combo

Size of gravelless pipe _____

Liquid capacity and type 1120 part combo

Depth of backfill _____

Type of baffle Plastic

Absorption area: square feet _____

Inspection pipes _____

lineal feet _____

Manholes size 24"

MOUNDS:

Manhole to grade Yes No

Percent slope 2%

PUMPS: New Existing

Upslope sand width 7'

Tank capacity and type 533 part combo

Downslope sand width 10'

Pump manufacturer & model # _____

Sideslope sand width 7'

Horsepower & GPM 29 GPM

Drainfield rock below pipe 9"

Feet of head 23'

Depth of sand below rock 12"

Gallons per cycle 86 GPC

Perforation size & spacing 7/32"/36" sp.

Size of discharge line 2"

Pipe size & spacing 1.5"/36" sp.

Type & location of alarm Elec. on tank

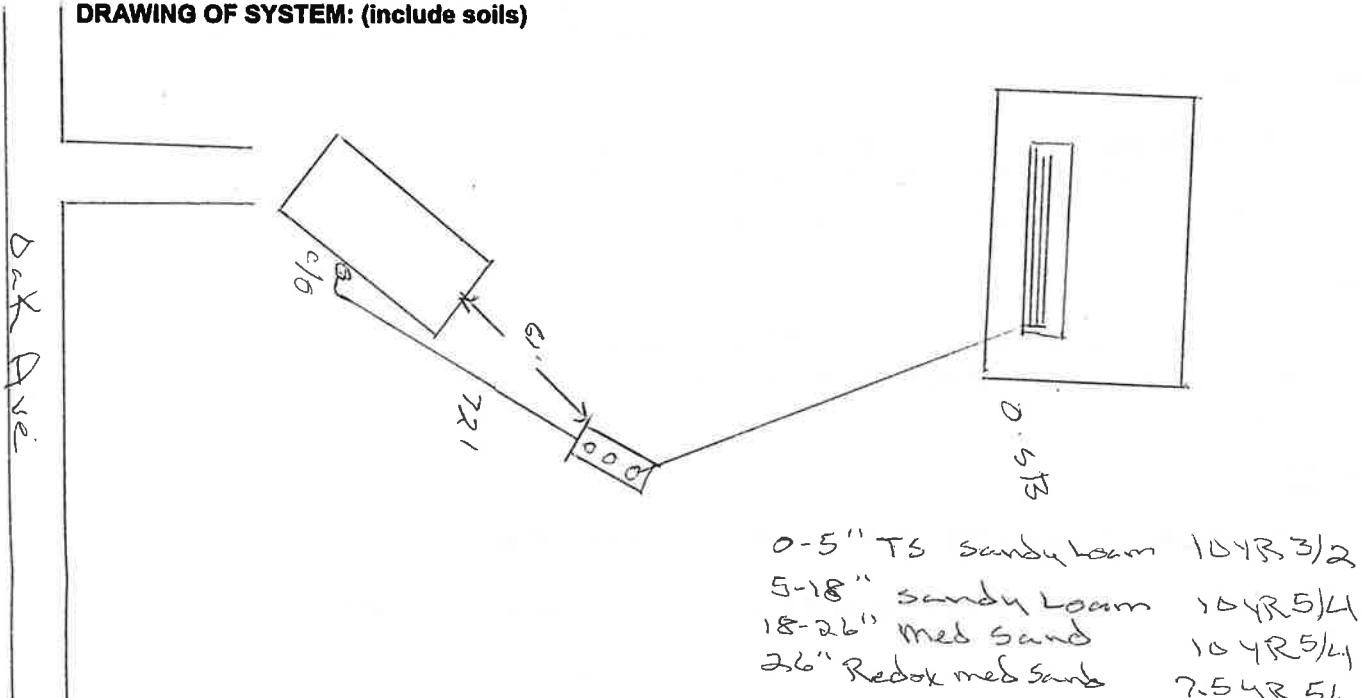
Dimensions of rock bed 10' x 50'

Water meter _____

Dimensions of sand base 27' x 64'

Final cover _____

DRAWING OF SYSTEM: (include soils)



0-5" TS sandy loam 10YR 3/2
 5-18" sandy loam 10YR 5/4
 18-26" med sand 10YR 5/4
 26" Redox med sand 7.5YR 5/6

Inspector's Comments: _____

Inspector's Signature Bryan Hargrave Installer's Signature Hunter Fairchild