

**Aitkin County { Design Notes }**

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Property Owner:                      Gayle Berger

Date: 7/14/2020

Designer's Initials :              JB

PIN : 07-1-110700

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Replacing Existing Holding tank that is leaking, increasing volume to 3000 gallons.

Bench Mark Elv.=100' is the front deck near the well dog house.

Existing holding tank will be pumped and removed.

The owner's well will be +60 ft to the tanks.

Tanks to property line will be + 20 ft. Tanks to spirit lake will be over 150 ft.

Install 2 new 1500 holding tank, Jacobson single hole tanks.

Installer will raise all manholes to above grade. Secure covers. Insulate tanks.

Install alarm in 2nd tank at approx. 50% of 2nd tank capacity, this will be approx. 750 gal. reserve capacity.

If a Manual alarm is installed ( recommend it be raised up 3 ft. to clear snow depth in winter ).

Installer can reuse existing sewer pipe from pump to tank, ( Recommend pressure test for integrity )

Note if Jacobson tanks can not be placed because of access to area installer may use poly tanks.

May need a design change or indicate size and MFG on as built.

Owner will need a Holding Tank Pumping Service Agreement.

Setbacks are

50 ft. from well

10 ft. from lot line

75 ft. from Spirit lake

10 ft. from structure.

10 ft. from road

  
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Designer Jeff Brummer (218) 821-0704

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