

Addendum 1, November 02, 2021
to
**RWSS Service Connection Guidelines
Revision (0), July-2020**

The following details are not currently shown in the RWSS Service Connection Guidelines Revision 0, July 2020 but must be included in the design and construction of the RWSS service connection.

Electrical:

1. Two separate circuits/power sources will be required to run the pump and control panel. A label must be affixed to the inside of the box to indicate that the controller is powered from more than one source of power.
2. Controller box must be a minimum 750mm above grade.
3. As noted in the RWSS Service Connection Guidelines- Revision 0 July 2020, all electrical design and installation must comply with Canadian Electrical Code, Alberta Electrical Safety STANDATA, Manufacturer's, RWSS Service Connection Guidelines or Industrial best practices requirements whichever is stricter.

Septic Tank Insulation and Valve:

1. An Isolation valve to be located on the top of Septic Tank Corner as close to the discharge direction as possible. Curb Stope Valve, Service Box and Cap to follow detail on the drawings 5-910 of the RWMB Engineering Services Standards.
2. 50 mm HI-40 Rigid Insulation , Spray Foam or Approved Alternative to obtain a minimum of R-8 insulation around the manway housing the pump.
3. A septic tank that has less than 1.2 m of earth cover to protect it from freezing conditions shall be insulated to provide the equivalent of an R-8 insulation value over the top and sides of the tank to a minimum depth of 1.2 mm below grade.
4. As noted in the RWSS Service Connection Guidelines, Revision 0 July 2020, all service connection design and installation must comply with Safety Codes, Alberta Private Sewage System Standard of Practice, STANDATA, Manufacturer's Guidelines , RWSS Service Connection Guidelines or Industrial best Practice's requirements whichever is stricter.

Limitations, Disclaimer and Future Contact:

1. If certain site conditions require any pipe configuration different than shown in the RWSS Service Connection Guidelines including this Addendum, the Contractor can request modification(s) to be reviewed on case-to-case basis by emailing.
2. Please note that RWSS Guidelines provided on the RWSS web site may not contain all details required under the applicable Codes, Regulations, and Bylaws. In this regard Contractor are encouraged to email RWSSCommittees@rmwb.ca for specific question before design and construction.