

525 Western Avenue | PO Box 588
Brookings, SD 57006

Please note that Brookings Municipal Utilities (BMU) has updated our Design Standards and Standard Specifications for Water and Sanitary Sewer. These updated specifications can be found on our website at the following location:

<https://www.brookingsutilities.com/developers-contractors/standards-specifications>

Some of the changes that we would like to bring to your attention are:

GENERAL COMMENTS

- In 2025 BMU Standard Specifications for water and sanitary sewer were converted to Master Spec formats. The following standard specifications have been created for 2026:
 - 40 7110 – Industrial Flow Measurement (*New*)

BMU WATER DISTRIBUTION & SANITARY SEWER COLLECTION DESIGN STANDARDS

- Section 5.4 – revision to minimum pipe slope on services. Acceptable slopes shall be a minimum of 2% and a maximum of 4%; unless approved by BMU.
- Section 5.6 – was removed in its entirety from the design standards. A standard specification was created for PUBLIC lift stations (Section 33 3211 – Field-Erected Wastewater Pumping Stations).
- Section 5.7 – Changes were made to indicate 2-foot above the 100-year flood plain to match City Council approved revisions to City Ordinances.

22 1319.33 – BACKWATER VALVE

- No Changes made in 2026 Revisions

22 1323 – SANITARY SEWER INTERCEPTOR

- No Changes made in 2026 Revisions

31 2319 – DEWATERING

- No Changes made in 2026 Revisions

31 2333 – TRENCHING AND UTILITY BACKFILLING

- Section 4.2 – Provided clarification for measurement and payment.
- Section 4.3 – Provided clarification for measurement and payment.
- Section 4.4 – Provided clarification for measurement and payment.

33 1000 – WATER UTILITIES

- Section 1.5 – CONTRACTOR LICENSE AND PERMITS – Remove section that requires contractors to obtain a City of Brookings Plumbing Contractor License.

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- Section 1.5 – CONTRACTOR LICENSE AND PERMITS – Reference the City’s Right of Way permit.
- Section 2.22 – LINK SEAL MODULAR SEALS. Add this section in its entirety.
- Section 2.30 – PVC METER PIT SETTER. Add this section in its entirety.

33 1419 – VALVES AND FIRE HYDRANTS

- No Changes made in 2026 Revisions

33 1900 – WATER UTILITY METERING EQUIPMENT

- Section 2.4 – WATER METER (UP TO AND INCLUDING 2-INCH). Included an option for composite body water meters. Removed the 9-inch meter laying length and required the meter to have an absolute encoder register capable of sending a 6-digit encoder output to the endpoint.

33 3100 – SANITARY SEWER UTILITIES

- Section 1.5 – CONTRACTOR LICENSE AND PERMITS – Remove section that requires contractors to obtain a City of Brookings Plumbing Contractor License.
- Section 2.6 – PIPE COUPLING – DISSIMILIAR MATERIALS. Added new specification for HULK repair coupling as manufactured by Fernco.
- Section 2.10 – PRECAST SANITARY SEWER MANHOLE. All manholes shall be manufactured by CemCast.
- Section 2.13 – ADJUSTMENT RINGS. All manhole adjustment rings shall be of Polypropylene construction. HDPE adjustment rings will no longer be acceptable.
- Section 2.27 – LINK SEAL MODULAR SEALS. Add this section in its entirety.
- Section 3.17 – CONNECTIONS TO EXISTING SANITARY SEWER MANHOLES. Specification require that a core drilled precast manhole will need to utilize manhole boots in lieu of link seals.

33 3211 – FIELD ERECTED WASTEWATER PUMPING FACILITIES

- No Changes made in 2026 Revisions

40 7110 – INDUSTRIAL FLOW MEASUREMENT (New)

- Specification was included in its entirety. Provided additional information and requirements for metering equipment for Industrial users regulated by the Pretreatment Program.