



JOLIET PUBLIC UTILITIES DEPARTMENT

RESIDENTIAL SANITARY SEWER SERVICE REQUIREMENTS

APPLICABILITY

These requirements apply to construction of a new private sewer service for single-family residential units.

PLAN

On a plat of survey, grading plan, or printout of the City's GIS mapping system (or similar), show the location of: 1) the proposed sewer service line, 2) the public sewer main, and 3) the cleanout. Include dimensions from water lines or other known conflicts.

MATERIAL SPECIFICATIONS

- Minimum service size is 6".
- Pipe and fitting material to be SDR-26 PVC (ASTM D3034).
- Elastomeric gaskets conforming to ASTM F477 and D3212.
- Cleanout required at 3 to 5 feet outside the house foundation.
- Wye connection at main connected via non-shear "band-seal" type couplings.
- Additional requirements will apply for mains previously lined with CIPP.

LAYOUT / DESIGN

For new construction, the service line shall generally run from the house to the main via the shortest distance (normally ~ perpendicular to the main and the right-of-way line.) Horizontal and vertical separation from water lines shall be maintained at 10 feet and 1.5 feet respectively. If a sanitary service is getting connected to an existing sewer main the contractor shall contact the City to review if the sewer has been rehabilitated with CIPP and to review the televising data to determine if there is an existing tap connection for the parcel.

PERMIT PROCEDURE

Obtain sewer service permit through Community Development Department – Inspections Division. This will include a review of the site plan showing the locations of water and sewer service lines.

INSPECTION

Contact the City of Joliet Public Utilities Department 48 hours in advance at 815-724-4220 to schedule sewer connection inspections.

FIELD PROCEDURE

- 1) Use existing wye or tee connection if existing connection is confirmed to be in good condition by the City.
- 2) Using a pipe cutter, neatly cut out the proper length of main to install a new wye fitting (cut out approximately 36 inches of main).
- 3) Connect new wye to main with two non-shear “band-seal” type couplings.
- 4) No “break-in” type connections are permitted.
- 5) If the existing main has been previously lined (CIPP), utilize a LMT service saddle. Contact City for additional details.

STANDARD DETAIL DRAWING

Refer to Standard Detail Drawings SAN-02 and SAN-13.

REFERENCES

For complete requirements, refer to the following documents.

- City of Joliet Utility Design & Inspection Policy Manual.
- Chapter 31 of Joliet Code of Ordinances.
- Section 8-325 of Joliet Code of Ordinances.

FEES

Refer to separate fee summary.