

LARSEN WINCHESTER SANITARY DISTRICT

STANDARD SPECIFICATIONS SANITARY SEWER CONSTRUCTION Approved April 2021

SANITARY SEWER

1. PVC Sewer Laterals: 4"– 6" or smaller, SDR 40, ASTM D2665
2. PVC Sewer Main: 8"–15" or larger, SDR 35, ASTM D3034
3. PVC Forcemain: SDR 26, ASTM D2241
4. Manholes: Precast Concrete, ASTM C478,
 - Integral base with precast inverts
 - Rubber gasket joint ASTM C443, or Kent-Seal
5. Manhole Steps: Neenah Foundry No. R-1981-N or equal
6. Resilient Pipe Connections: ASTM C923 cast or fitted into manhole walls for each pipe connection
7. Castings: Neenah Foundry R-1550 with self-sealing type "B" lid
8. Grade Rings: Grade rings shall be 2", 4", or 6" as necessary for needed casting adjust. Stacking of 2" grade rings shall not be allowed.
9. Rubber Adjustment Riser: A 1" thick round rubber adjustment riser shall be installed under all manhole castings.
10. Manhole Chimney Seals: Cretex internal manhole chimney seals required in all new sanitary manholes or equal approved by the District. Chimney seals shall be installed from manhole cone to manhole casting and shall have sufficient adjustment to extend from stone grade to finished pavement grade.

TRACER WIRE

The contractor shall install a green plastic coated #10 AWG copper wire with all PVC sewer laterals. The wire shall be securely attached to the pipe a minimum of three times for each pipe length.

INCLEMENT WEATHER CONSTRUCTION RESTRICTION

If in the opinion of District, inclement weather may result in potential installation issues, the Owner or Engineer has authority to stop construction until the inclement weather subsides.

Examples of inclement weather conditions include but are not limited to:

- Extreme cold (below +15 degrees F)
- Wind Chill (below 0 degrees F)
- Blowing snow entering trench
- Heavy rain
- Heavy snow fall

SANITARY SEWER CONSTRUCTION AND TESTING

All sanitary mains and laterals are to be constructed and tested in accordance with Standard Specifications for Sewer and Water Construction in Wisconsin, current edition.

SEWER CLEANING AND TELEVISION

Upon completion of sanitary sewer installations, all new mains shall be jet cleaned by a Contractor approved by the District. Water used for cleaning and debris cleaned from pipes shall not be permitted to flow downstream into the system. An inspector shall be present during the cleaning.

After cleaning, all sanitary sewer installations shall be televised by a Contractor approved by the District. Mains shall be free from water during televising (unless in use) and any remaining debris shall be cleaned from the mains. A complete written report and video on flash drive or CD shall be submitted to Larsen Winchester Sanitary District prior to project acceptance.