

ITEM 914 SIX-INCH (152 MM) DIAMETER PIPE RISERS

914.01 Description

914.02 Materials

914.03 General

914.04 Method of Measurement

914.05 Basis of Payment

914.01 Description. This work consists of furnishing and installing 6 inch (152 mm) diameter pipe risers of the kinds specified, shown on the drawings compatible with the type of material as the lateral sewer, or as directed by the Engineer including the necessary excavation and backfill, Class A concrete foundation, straight and curved pipe, stopper, joints, couplings, cap and marker pole.

914.02 Materials. Use the following materials:

1. Concrete, Class A 499
2. Extra strength vitrified clay pipe 706.08
3. Gaskets for vitrified clay pipe 901.15
4. Poly vinyl chloride (PVC) sewer pipe 720
5. Gaskets for PVC pipe joints 901.15

914.03 General. Perform excavation and backfilling as specified in Item 901.

Install risers, when the depth exceeds 10 feet (3.0 m), from the lateral sewer fitting to a point 9 feet (2.7 m) plus or minus 1 foot (0.3 m) below existing or proposed surface elevation, whichever is higher.

Install stoppers, plugs or caps, fitted to the type of gaskets used, in the risers when not making immediate connections to services. Provide a waterproof enclosure for the installed piece installed in such a manner that removal of the stoppers later will not damage the gaskets or pipes.

Above each sewer fitting, end of riser or house service extension, set a 4 inch by 4 inch (100 by 100 mm) pressure-treated or hardwood pole extending to a point above the partial backfilling. Brace the pole in such a manner as to hold it firmly in position during complete backfilling. After the Engineer has located the poles, cut off the pole to a point slightly below the original ground surface at no additional cost to the City.

Close the upper end of the last section of riser pipe with a plug or cap. Construct the risers in accordance with the Contract Drawings.

914.04 Method of Measurement. The Engineer will measure and accept for payment the number of linear feet of 6 inch (152 mm) diameter pipe risers constructed in place. The Engineer will measure from the face of the hub of the Wye fitting or Tee fitting at the sewer to the face of the last hub of the riser where a connection to a service is made or a plug is installed.

914.05 Basis of Payment. The City will pay the number of linear feet of 6 inch (152 mm) diameter pipe risers measured for payment at the contract unit price per linear foot (meter).

The City will pay under:

914.05

Item	Unit	Description
914	Linear Foot (Meter)	6 Inch (152 mm) Diameter Pipe Risers