Section 02628 - POLYVINYL CHLORIDE (PVC) SEWER PIPE

1. SCOPE. This section covers solid wall and profile wall polyvinyl chloride (PVC) gravity sewer pipe and fittings to be furnished and installed complete with all jointing materials and appurtenances.

Pipe shall be installed and tested in accordance with Section 02702— Sewer Pipe Installation and Testing and Manhole Testing.

Pipe trenching, bedding, and backfill are covered in the earthwork section.

2. MATERIALS.

Pipe and Fittings	
4 Inch Through 15 Inch	Solid wall ASTM D3034, SDR 35, Cell Classification 12454-B.
18 Inch Through 48 Inch	Profile wall ASTM F794 Stiffness PS46.
Jointing Materials	
Bell-and-Spigot Joints	ASTM D3212, integral bell push-on type elastomeric gasket joints.
Gaskets	ASTM F477, synthetic rubber. Natural rubber will not be acceptable.
Field-Cut Joints and Connections to Other Piping	Fernco "Flexible Couplings" with stainless steel shear rings, or Harrington Corp. C900 x SDR 35 B x B Adapters, or equal
For Grouted Connections to Cast-in-Place Concrete Manholes	Rubber ring water stop.

Pipe or fittings having spiral external reinforcing ribs will not be acceptable. Pipe or fittings having concentric external reinforcing ribs will not be acceptable in any pipe size less than 24 inch.

3. DRAWINGS AND DATA. Drawings and data shall be submitted in accordance with the submittals section. Drawings and data shall include, but not be limited to, the

following:

Details of joints.

Gasket material.

Pipe length.

Certification in accordance with ASTM D3034, Section 11, ASTM F679, Section 10, or ASTM F794.

End of Section