

Part 1 General

1.1 REFERENCES

- .1 American Society for Testing and Materials (ASTM)
 - .1 ASTM B32-96, Specification for Solder Metal.
 - .2 ASTM B306-99, Specification for Copper Drainage Tube (DWV).
 - .3 ASTM C564-95a, Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings.
 - .4 ASTM D2564-91, Specification for Solvent Cements for Poly (Vinyl-Chloride) (PVC) Plastic Pipe and Fittings.
- .2 Canadian Standards Association (CSA)
 - .1 CSA B67-1972(R1996), Lead Service Pipe, Waste Pipe, Traps, Bends and Accessories.
 - .2 CAN/CSA-B70-97, Cast Iron Soil Pipe, Fittings and Means of Joining.
 - .3 CAN/CSA-B125-98, Plumbing Fittings.
 - .4 CAN/CSA-B181.2-M90, PVC Drain, Waste and Vent Pipe and Pipe Fittings.
 - .5 CAN/CSA-B182.1-M92, Plastic Drain and Sewer Pipe and Pipe Fittings.

Part 2 Products

2.1 COPPER TUBE AND FITTINGS

- .1 Above ground sanitary, storm, and vent Type DWV to: ASTM B306.
 - .1 Fittings.
 - .1 Cast brass: to CAN/CSA-B125.
 - .2 Wrought copper: to CAN/CSA-B125.
 - .2 Solder: lead free, tin-antimony 95:5, to ASTM B32.

2.2 CAST IRON PIPING AND FITTINGS

- .1 Above ground sanitary, storm, and vent: to CAN/CSA-B70.
 - .1 Joints.
 - .1 Mechanical joints.
 - .1 Neoprene or butyl rubber compression gaskets with stainless steel clamps.

2.3 PLASTIC PIPING AND FITTINGS

- .1 For buried DWV piping to:
 - .1 CAN/CSA-B181.2.
 - .2 CAN/CSA-B182.1.
- .2 Joints
 - .1 Solvent weld for PVC: to ASTM D2564. Solvent shall be low VOC type, with less than 285 g/L VOC content.

Part 3 Execution

3.1 INSTALLATION

- .1 Install in accordance with National Plumbing Code of Canada and local authority having jurisdiction.

3.2 TESTING

- .1 Pressure test buried systems before backfilling.
- .2 Hydraulically test to verify grades and freedom from obstructions.

END OF SECTION