



Design Standard General Plumbing Piping Systems

Purpose:

The plumbing piping materials are an essential element of the plumbing systems. This design standard has the purpose of creating a consistent application of plumbing piping material requirements throughout the South San Francisco Unified School District, thereby achieving a standard of quality for maintenance and reliability throughout all renovation and new building projects.

Design Standard:

Design and specify work to include materials, installation and testing of pipe, tubing and fittings for complete and operable systems.

- Above ground soil, waste and vent piping within buildings, including soil stacks, vent stacks, horizontal branches, traps, and connections to fixtures and drains.
- Underground building drain piping including mains, branches, traps, connections to fixtures and drains, and connections to stacks, terminating at connection to sanitary sewers 5 feet outside foundation wall.
- Storm building drain piping from conductor piping and area drains to storm sewers 5 feet outside inner face of foundation wall.
- Domestic cold water piping.
- Domestic hot water piping.
- Domestic re-circulating water piping.
- Schedules:

Pipe Service	Location	Material
Potable hot, cold and hot recirculation water.	Above ground	Copper: L
Potable hot, cold, and hot recirculation water	Below ground	Copper: K
Soil and waste, drainage	Above ground	CISP: No hub or service weight
Soil and waste, drainage	Below ground	CISP: No hub or service weight
Vents	Above and below ground	CISP: No hub
Storm drains	Above ground	CISP: No hub or service weight
Storm drains	Below ground	CISP: No hub or service weight



South San Francisco Unified School District



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Approved Manufacturers:

Not Applicable

Substitutes Allowed:

Not Applicable

Associated Design Standards

- 22 05 29 - Design Standard Hangers And Supports For Plumbing Piping And Equipment
- 22 05 53 - Design Standard Identification For Plumbing Piping And Equipment
- 22 05 12 – Design Standard Plumbing Pipe And Fittings

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