

22 10 00 – Plumbing Piping

DIVISION 22 - Plumbing



STATEMENT OF PURPOSE & BACKGROUND

- Scope:
 - Preparing and installation of domestic water piping and interior gas piping as noted.
- Statement of goals:
 - Provide a consistent, high quality plumbing system that:
 - Is durable, code-compliant, and easily maintainable.
- Revision history of section:
 - 03/09/13
 - 02/25/19
 - 12/22/20

SELECTION AND APPLICATION CRITERIA

| Application | Selection |
|-------------------------|--|
| Vertical Water Piping | Soldered copper piping. |
| Horizontal Water Piping | Soldered or pressure fit copper piping. |
| Interior Gas Piping | Black steel pipe and copper as noted. |
| Acid Resistant Piping | Air-plenum-rated, Polyvinylidene fluoride Schedule 40 plastic pipe and fittings in lieu of glass piping per City of St. Paul |

OUTLINE SPECIFICATION

- Part 1 General
 - Water meters on the utility service will be furnished and installed by the Utility company, any sub-meters/deduct-meters will be installed by the Contractor.
- Part 2 Products
 - Acceptable Products/Manufacturer(s):
 - Copper Press Fitting System: “Pro-Press”™ Viega NA or approved equal.
 - Copper Soldered Fitting System: Provide material and products complying with National Standard Plumbing Code, Types K and L.
 - Gas piping at Science Classrooms as occurs:
 - Schedule 40 black steel pipe at student and teacher stations
 - Convert from copper piping at floor penetrations
 - Equivalent manufacturers **approved, in writing, in advance, by the Architect**, may be substituted in accordance with the provisions of the Contract.
 - Where noted on drawings, provide Acid Resistant Piping leading directly to an Acid Neutralizing Tank. A point source tank at teacher stations may be considered on a case-by-case basis.
 - Provide Solids Interceptor for clay/waste at all Art Room sinks and other locations as required, specified, or as requested by Owner. See 22 40 00 Plumbing Fixtures.
 - Identification
 - Potable Water and Gas Piping: Pipe markers at required intervals
 - Potable Water and Gas Valves: Brass valve tags
- Part 3 Execution
 - Per Consultant and / or manufacturer specification.

End of Section