

SECTION 22 11 00 {15140}
FACILITY WATER DISTRIBUTION
{DOMESTIC WATER PIPING}

This section includes domestic water piping systems with pipe, valves, piping specialties, pumps and other components.

Coordinate location of piping, valves, and hangers and supports with other sections in this Division. When Section 22 05 29 {15060}, Section 22 05 03 {15105}, and Section 22 05 23 {15110} are used consider deleting duplicate requirements and referencing appropriate sections.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcat.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicts among requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:

1. Domestic water piping, buried beyond 5 feet (1500 mm) of building.
2. Domestic water piping, within 5 feet (1500 mm) of building.
3. Domestic water piping, above grade.
4. Unions and flanges.
5. Valves.
6. Pipe hangers and supports.
7. Pressure gages.
8. Pressure gage taps.
9. Thermometers.
10. Flow control valves.
11. Water pressure reducing valves.
12. Relief valves.
13. Strainers.
14. Hose bibs.
15. Hydrants.
16. Recessed valve box.

17. Backflow preventers.
18. Water hammer arrestors.
19. Thermostatic mixing valves.
20. Pressure balanced mixing valves.
21. Diaphragm-type compression tanks.
22. Water softeners.
23. System lubricated circulators.
24. In-line circulator pumps.
25. Close-coupled pumps.
26. Base-mounted pumps.
27. In-line circulator pumps.
28. Pressure booster systems.
29. Underground pipe markers.
30. Bedding and cover materials.

B. Related Sections:

1. Section 03 30 00 - Cast-In-Place Concrete: Execution requirements for placement of concrete house keeping pads specified by this section.

Use the following reference when firestopping is specified another section.

2. Section 07 84 00 - Firestopping: Product requirements for firestopping for placement by this section.
3. Section 08 31 13 - Access Doors and Frames: Product requirements for access doors for placement by this section.
4. Section 09 90 00 - Painting and Coating: Product and execution requirements for painting specified by this section.

Use the following when pipe materials are specified in one location in this Division.

5. Section 22 05 03 - Pipes and Tubes for Plumbing Piping and Equipment: Product and installation requirements for piping materials applying to various system types.
6. Section 22 05 13 - Common Motor Requirements for Plumbing Equipment: Product requirements for motors for placement by this section.
7. Section 22 05 16 - Expansion Fittings and Loops for Plumbing Piping: Execution requirements for pipe expansion devices for placement by this section.

Use the following when valves are specified in one location in this Division.

8. Section 22 05 23 - General-Duty Valves for Plumbing Piping: Product requirements for valves for placement by this section.

Retain choice in the following paragraph when firestopping is specified in this Division.
