

## SECTION 22 13 00 {15150}

### FACILITY SANITARY SEWERAGE

#### {SANITARY WASTE AND VENT PIPING}

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This section includes pipe materials, fittings, equipment and pumps normally encountered in sanitary piping systems consisting of soil, waste and vent.

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](http://www.4specs.com), ARCAT at [www.arcat.com](http://www.arcat.com), First Source at [www.reedfirstsource.com](http://www.reedfirstsource.com), SpecSource at [www.specsource.com](http://www.specsource.com), and Sweets Network at [products.construction.com](http://products.construction.com).

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

Contact the CSRF Support Center at [supportcenter@csrf.org](mailto:supportcenter@csrf.org) to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at [www.spectext.com](http://www.spectext.com) for current product announcements.

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## PART 1 GENERAL

### 1.1 SUMMARY

#### A. Section Includes:

1. Sanitary sewer piping buried beyond 5 feet (1500 mm) of building.
2. Sanitary sewer piping buried within 5 feet (1500 mm) of building.
3. Sanitary sewer piping above grade.
4. Chemical resistant sewer piping.
5. Unions and flanges.
6. Valves.
7. Pipe hangers and supports.
8. Floor drains.
9. Floor sinks.
10. Planter drains.
11. Cleanouts.
12. Backwater valves.
13. Sumps.
14. Interceptors.
15. Manholes.
16. Sewage ejectors.

17. Bedding and cover materials.

B. Related Sections:

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

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Use the following reference when firestopping is specified in another Division.

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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.

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

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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.

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

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

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

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9. Section 22 05 29 - Hangers and Supports for Plumbing Piping and Equipment: Product requirements for pipe hangers and supports [and firestopping] for placement by this section.
10. Section 22 05 48 - Vibration and Seismic Controls for Plumbing Piping and Equipment: Product requirements for vibration isolators for placement by this section.
11. Section 22 05 53 - Identification for Plumbing Piping and Equipment: Product requirements for pipe identification for placement by this section.
12. Section 22 07 00 - Plumbing Insulation: Product and execution requirements for pipe insulation.
13. Section 26 05 03 - Equipment Wiring Connections: Execution requirements for electric connections to equipment specified by this section.
14. Section 31 05 13 - Soils for Earthwork: Soils for backfill in trenches.
15. Section 31 05 16 - Aggregates for Earthwork: Aggregate for backfill in trenches.
16. Section 31 23 16 - Excavation: Product and execution requirements for excavation and backfill required by this section.