

**ADMINISTRATION
(Chapter 1)**

_____ Construction documents submitted (106.3.1)

_____ Riser diagram submitted (106.3.1)

_____ Site plan submitted (106.3.1)

_____ Water calculations submitted (106.3.1)

**PLUMBING FIXTURES
(Chapters 3, 4, 6 & 10)**

Use Group _____
(106.3, 403.1)

Occupant load _____
(403.1, 403.3) Total Female Male

**FIXTURE REQUIREMENTS
(403.1, 403.2, 403.3; 2006 International Building Code 1109.5.1)**

Fixture	Rate required		Number required			Number shown		
	Male	Female	Male	Female	Unisex	Male	Female	Unisex
Water closet	1 per _____ up to _____	1 per _____ up to _____						
	1 per _____ Exceeding _____	1 per _____ Exceeding _____						
Urinals	See Section 419.2		See Section 419.2					
Lavatories	1 per _____ up to _____	1 per _____ up to _____						
	1 per _____ Exceeding _____	1 per _____ Exceeding _____						
Bathtubs/showers	1 per							
Drinking fountains	1 per							
Service sinks	1 per							
Kitchen sinks	1 per							
Clothes washer connection	1 per							

Use Group (1) _____
(106.3, 403.1)

Occupant load (1) _____
(403.1, 403.3) Total Female Male

**FIXTURE REQUIREMENTS(1)
(403.1, 403.2, 403.3; 2006 International Building Code 1109.5.1)**

Fixture	Rate required		Number required			Number shown		
	Male	Female	Male	Female	Unisex	Male	Female	Unisex
Water closet	1 per _____ up to _____	1 per _____ up to _____						
	1 per _____ Exceeding _____	1 per _____ Exceeding _____						
Urinals	See Section 419.2		See Section 419.2					
Lavatories	1 per _____ up to _____	1 per _____ up to _____						
	1 per _____ Exceeding _____	1 per _____ Exceeding _____						
Bathtubs/showers	1 per							
Drinking fountains	1 per							
Service sinks	1 per							
Kitchen sinks	1 per							
Clothes washer connection	1 per							

(1) This second fixture requirement table provided for buildings with mixed occupancies.

PLUMBING FIXTURES (cont'd.)

- | | |
|---|--|
| _____ Minimum fixtures (403.1, 410, 419.2;
2006 International Building Code 1109.5.1) | _____ Accessible plumbing facilities required
(404.1; 2006 International Building Code
1101.2, 1109.2, 1109.3, 1109.4, 1109.5) |
| _____ Separate facilities (403.2) | _____ Unisex toilet and bathing rooms (403.1.1,
404.1; 2006 International Building Code
1109.2.1) |
| _____ Distribution of fixtures (403.3) | _____ Fixture spacing and location (405) |
| _____ Public and employee toilet facilities (403.4,
403.4.1, Table 403.1 footnote b and c) | _____ Toilet room requirements (310;
2006 International Building Code 1210) |
| _____ Toilet facilities in covered malls (403.4.2) | _____ Urinal partition (310.5) |
| _____ Signage (403.5) | |

FIXTURE AND FIXTURE FITTING STANDARDS AND INSTALLATION REQUIREMENTS

- | | |
|---------------------------------|--|
| _____ Clothes washers (406) | _____ Elongated bowl and open front seat
(420.2, 420.3) |
| _____ Bathtubs (407) | _____ Whirlpool bathtubs (421) |
| _____ Bidets (408) | _____ Faucets and fixture fittings (424) |
| _____ Dishwashers (409) | _____ Antiscald valves (424.3, 424.4, 424.5) |
| _____ Drinking fountains (410) | _____ Flushing devices (425) |
| _____ Eyewash stations (411) | _____ Manual food and beverage dispensing
equipment (426) |
| _____ Floor drains (412) | _____ Floor sinks (427) |
| _____ Food waste grinders (413) | _____ Water conservation (604.4) |
| _____ Garbage can washers (414) | _____ Temperature control devices and valves
(424.7, 604.11, 613) |
| _____ Laundry trays (415) | _____ Backflow preventers (608) |
| _____ Lavatories (416) | _____ Drinking water treatment units (611) |
| _____ Showers (417) | _____ Grease traps and interceptors (1003.3) |
| _____ Sinks (418) | _____ Special fixtures (402.2, 423) |
| _____ Urinals (419) | |
| _____ Water closets (420) | |

WATER SUPPLY AND DISTRIBUTION (Chapters 1, 3, 5 & 6)

DESIGN

- _____ Burial depth (305.6)
- _____ Water service separation (603.2, 703.1)
- _____ System design (603.1, 604)
- _____ Maximum flow (604.4)
- _____ Pressure boosters (604.7, 606.5)
- _____ Water hammer (604.9)

VALVES

- _____ Full open (606.1)
- _____ Shutoff (606.2)

HOT WATER SYSTEM

- _____ Hot water requirements (607.1)

WATER SUPPLY AND DISTRIBUTION (cont'd.)

HOT WATER SYSTEM (cont'd.)

- _____ Tempered water for accessible hand washing facilities (607.1)
- _____ Maintaining hot water temperature (607.2)
- _____ Thermal expansion control (607.3)

WATER HEATERS

- _____ Approval (501.2, 501.5)
- _____ Maximum temperature, tankless heaters (501.6)
- _____ Relief valves (504.2, 504.4, 504.5)
- _____ Relief valve discharge (504.6)
- _____ Pan (504.7)

PROTECTION OF POTABLE WATER

- _____ Identification of systems (608.8)
- _____ Backflow protection (608.1, 608.13)
- _____ Protection of outlets (608.15)
- _____ Connections to system (608.16)

INDIVIDUAL WATER SUPPLY

- _____ Quality and quantity (602.3.2, 602.3.3)
- _____ Protection of supply (608.17)
- _____ Pumping equipment (602.3.5)

DISINFECTION OF POTABLE SYSTEM

- _____ Procedure/specifications submitted (610)

BUILDING DRAIN AND SEWER SYSTEM (Chapters 1, 3, 7, 8, 10 & 11)

GENERAL

- _____ Fixture traps (1002)
- _____ Trap seals (1002.4)
- _____ Pitch (704.1)
- _____ Change of direction (706.3)

STACKS

- _____ Sizing (710)
- _____ Horizontal offsets (711)

BUILDING DRAIN AND HORIZONTAL BRANCHES

- _____ Sizing (710)
- _____ Connections to offsets and stacks (704.3)

SEWER

- _____ Sewer depth (305.6.1)
- _____ Sizing (710)
- _____ Sewage pump or ejector (712)
- _____ Backwater valves (715, 1101.9)

CLEANOUTS

- _____ Horizontal lines (708.3.1, 708.3.2)
- _____ Change of direction (708.3.3)
- _____ Stacks (708.3.4)
- _____ Building drain junction (708.3.5)
- _____ Manholes (708.3.2, 708.3.6)
- _____ Size (708.7)

INDIRECT WASTE

- _____ Where required (802.1)
- _____ Installation (802.2)
- _____ Waste receptors (802.3)
- _____ Standpipes (802.4)

SPECIAL WASTE

- _____ Waste temperature (701.7, 803.1)
- _____ Corrosive waste (803.2)
- _____ Drainage piping in food service areas (701.9)

VENTING (Chapter 9)

VENTING

- _____ Fixture vents (906)
- _____ Individual vents (907)
- _____ Common vents (908)
- _____ Wet venting (909)
- _____ Waste stack vents (910)
- _____ Circuit venting (911)
- _____ Relief vent (911.4)
- _____ Combination drain & vent (912)
- _____ Island venting (913)
- _____ Vent size (916)
- _____ Branch vents (916.4)
- _____ Sump vents (916.5)
- _____ Air admittance valves (917)

STACKS

- _____ Main vent (903.1)
- _____ Vent stack (903.2)
- _____ Vent stack connection (903.4)
- _____ Vent headers (903.5)
- _____ Relief vents (914)
- _____ Drainage stack offsets (915)
- _____ Sizing (903.1.2, 916.2)

VENT INSTALLATION

- _____ Vent terminals (904)
- _____ Vent grade (905.2)
- _____ Vent connection (905.1, 905.3)
- _____ Vertical rise (905.4)
- _____ Height above fixture (905.5)
- _____ Future fixtures (905.6)

STORM DRAINAGE (Chapters 7, 11 & Appendix B)

- _____ Area rainfall rate (Figure 1106.1 and Appendix B)

DESIGN

- _____ Cleanouts (708, 1101.8)
- _____ Horizontal drain sizing (1106.1, 1106.3)
- _____ Storm sewer sizing (1106.1, 1106.3)
- _____ Vertical conductor & leader sizing (1106.1, 1106.2)
- _____ Scuppers (1106.5, 1107.3; 2006 International Building Code 1611.1)

- _____ Roof gutter sizing (1106.6)
- _____ Secondary roof drains (1107)
- _____ Combined sewers (1104.2, 1108)
- _____ Subsoil drains (1111)
- _____ Building subdrains (1112)
- _____ Roof drains (1105)
- _____ Controlled flow system (1110)

MATERIALS
(Chapters 6, 7 & 11)

GENERAL

_____ Material identification and labeling
(303.1, 303.3, 303.4, 605.3, 605.4, 605.5)

DRAIN, WASTE AND VENT PIPE

_____ Above ground (702.1)

_____ Underground (702.2)

_____ Chemical waste (702.5)

STORM DRAINAGE PIPE

_____ Inside conductors (1102.2)

_____ Underground (1102.3)

_____ Subsoil drain (1102.5)

_____ Roof drains (1102.6)

BUILDING SEWER PIPE

_____ Sanitary (702.3)

_____ Storm (1102.4)

WATER SUPPLY PIPE

_____ Water service (605.3)

_____ Water distribution (605.4)

_____ Lead-free (605.2)

CLEANOUTS

_____ Plugs (708.2)

JOINTS AND CONNECTIONS

_____ Approved type (605, 705)

_____ Lead-free (605.14.3, 605.15.4)

_____ Hanger/support schedule submitted
(106.3.1)

_____ Corrosion protection (305.1)

_____ Footing and foundation protection
(305.2, 305.5)

_____ Stress and strain (105.4, 305.3)

_____ Annular space (305.4)

_____ Waterproofing of openings (305.7)

_____ Damage protection (305.8)

_____ Penetration protection (307.3)

_____ Seismic support (308.2; *International Building Code 1613.1*)

_____ Support intervals (308.5, 308.9)

_____ Bracing (308.6)

_____ Anchorage (308.7)

_____ Floodproofing (309)

INTERCEPTORS AND SEPARATORS
(Chapter 10)

INTERCEPTORS

_____ Approval (1003.2)

_____ Grease traps and interceptors (1003.3,
1003.4)

_____ Venting (1003.9)

_____ Access (1003.10)

_____ Food waste grinders (1003.3.2)

SEPARATORS

_____ Approval (1003.2)

_____ Design (1003.4.2.1)

_____ Venting (1003.9)

_____ Access (1003.10)

**HEALTH CARE PLUMBING
(Chapters 4, 6 & 7)**

SPECIAL FIXTURES

_____ Approved type (422.2)

_____ Materials (422.4)

_____ Clinical sinks (422.6)

_____ Sterilizers (422.9)

DRAINAGE AND VENTING

_____ Bedpan washers and clinical sinks (713.2)

_____ Indirect waste (713.3)

_____ Vacuum systems (713.4-713.7)

_____ Local vents (713.8, 713.9)

_____ Sterilizer vents (713.8, 713.10, 713.11)

WATER SUPPLY

_____ Water service (609.2)

_____ Water supply protection (608.3.1)

**ENGINEERED PLUMBING SYSTEMS
(Chapters 1, 7 & 9)**

_____ Sealed drawings, details and data submitted
(105.4.4)

_____ Design (105.4.5)

_____ Inspection schedule (105.4.6)

_____ Engineered venting (917, 918, 919)

_____ Computerized design (714)

**SPECIAL PIPING AND STORAGE SYSTEMS
(Chapter 12)**

_____ Nonflammable medical gases (1202.1)

_____ Nonmedical oxygen systems (1203.1)

APPENDICES A-G

_____ Appendices adopted

_____ Compliance verified

Notes