

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)

Occupancy _____
(401.1, 403.1)

Occupant load _____
(403.1, 403.1.1) Total Female Male

FIXTURE REQUIREMENTS (403.1, 403.2, 403.3, 410.2)

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							

Occupancy* _____
(106.3, 403.1)

Occupant load* _____
(403.1, 403.1.1) Total Female Male

FIXTURE REQUIREMENTS* (403.1, 403.2, 403.3, 410.2)

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							

* This second fixture requirement table provided for buildings with mixed occupancies.

PLUMBING FIXTURES (cont'd.)

- _____ Minimum number of fixtures (403.1, 403.1.1, 410, 419.2, Table 403.1 footnotes d, e, f and g)
- _____ Family or assisted-use toilet and bath fixtures (403.1.1, 403.1.2, 403.2.1)
- _____ Separate facilities (403.2, 403.2.1)
- _____ Public and employee toilet facilities (403.3, 403.3.1, 403.3.2, 403.3.3, Table 403.1 footnotes b, c and d)
- _____ Toilet facilities in covered malls (403.3.4)
- _____ Drinking fountains (403.5, Table 403.1 footnotes d, e and f)
- _____ Signage (403.4, 403.4.1)
- _____ Accessible plumbing facilities required (404.1; 2012 International Building Code 1101.2, 1109.2, 1109.3, 1109.4, 1109.5)
- _____ Fixture spacing, location and installation (405)
- _____ Toilet room requirements (310, 403.3.2, 403.3.6, 405.3; 2012 International Building Code 1210)
- _____ Urinal partition (405.3.5)

FIXTURE AND FIXTURE FITTING STANDARDS AND INSTALLATION REQUIREMENTS

- _____ Clothes washers (406)
- _____ Bathtubs (407)
- _____ Bidets (408)
- _____ Dishwashers (409)
- _____ Drinking fountains (410)
- _____ Eyewash stations (411)
- _____ Floor and trench drains (412)
- _____ Food waste grinder units (413)
- _____ Garbage can washers (414)
- _____ Laundry trays (415)
- _____ Lavatories (416)
- _____ Showers (417)
- _____ Sinks (418)
- _____ Urinals (419)
- _____ Water closets (420)
- _____ Elongated bowl and open front seat (420.2, 420.3)
- _____ Whirlpool bathtubs (421)
- _____ Faucets and fixture fittings (424)
- _____ Antiscald valves (424.3, 424.4, 424.5)
- _____ Flushing devices (425)
- _____ Manual food and beverage dispensing equipment (426)
- _____ Floor sinks (427)
- _____ Water conservation (604.4)
- _____ Temperature control devices and valves (424.7, 604.11, 613)
- _____ Backflow preventers (608)
- _____ Drinking water treatment units (611)
- _____ Grease interceptors (1003.3.4)
- _____ Special fixtures (402.2, 423)

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

DESIGN

- _____ Burial depth (305.4)
- _____ 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 public hand washing facilities (416.5, 607.1)
- _____ Maintaining hot water temperature (607.2)
- _____ Thermal expansion control (607.3)
- _____ Pipe insulation (607.5)

WATER HEATERS

- _____ Approval (501.5)
- _____ Water heaters as space heaters (501.2)
- _____ Maximum temperature, tankless heaters (501.6)
- _____ Relief valves (504.2, 504.4, 504.5)
- _____ Relief valve discharge (504.6)
- _____ Required pan (504.7)

PROTECTION OF POTABLE WATER

- _____ Identification of nonpotable water systems (608.8)
- _____ Backflow protection (608.1, 608.13, 608.14)
- _____ Protection of outlets (608.15)
- _____ Connections to potable water system (608.16)

INDIVIDUAL WATER SUPPLY

- _____ Quality and quantity (602.3.1, 602.3.2, 602.3.3, 602.3.4)
- _____ 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)
- _____ Slope (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 (305.4.1)
- _____ Sizing (710)
- _____ Sewage pump or ejector (712)
- _____ Backwater valves (715, 1101.9)

CLEANOUTS

- _____ Horizontal drains (708.3.1, 708.3.2)
- _____ Change of direction (708.3.3)
- _____ Stacks (708.3.4)
- _____ Building drain and sewer 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

- _____ Vent size (906)
- _____ Branch vents (906.4)
- _____ Sump vents (906.5)
- _____ Fixture vents (909)
- _____ Individual vents (910)
- _____ Common vents (911)
- _____ Wet venting (912)
- _____ Waste stack vents (913)
- _____ Circuit venting (914)
- _____ Relief vent (914.4)
- _____ Combination waste & vent (915)
- _____ Island fixture venting (916)
- _____ Single stack vent system (917)
- _____ Air admittance valves (918)

STACKS

- _____ Required outdoor vent extension (904.1)
- _____ Vent stack required (904.2)
- _____ Vent stack connection (904.4)
- _____ Vent headers (904.5)
- _____ Drainage stack offsets (907)
- _____ Sizing (904.1.2, 906.2)

VENT INSTALLATION

- _____ Vent terminals (902, 903)
- _____ Vent grade (905.2)
- _____ Vent connection (905.1, 905.3)
- _____ Vertical rise of vent (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)
- _____ Roof drains (1105)

- _____ Scuppers (1106.5, 1108.3; 2012 International Building Code 1611.1)

- _____ Roof gutter sizing (1106.6)
- _____ Secondary roof drains (1108)
- _____ Combined sewers (1104.2, 1109)
- _____ Controlled flow system (1111)
- _____ Subsoil drains (1112)
- _____ Building subdrains (1113, 1114)

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, 901.3)

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)

PIPING SUPPORT AND INSTALLATION (Chapters 1 & 3)

_____ Hanger/support schedule submitted (106.3.1)

_____ Corrosion protection (305.1)

_____ Footing and foundation protection (305.3)

_____ Stress and strain (305.2)

_____ Waterproofing of openings (305.5)

_____ Damage protection (305.6)

_____ Penetration protection for penetrations of fire-resistance rated assemblies (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)

_____ Sealing annular space (315)

INTERCEPTORS AND SEPARATORS (Chapter 10)

INTERCEPTORS

_____ Approval (1003.2)

_____ Grease interceptors (1003.3)

_____ Food waste grinders (1003.3.2)

_____ Venting (1003.9)

_____ Access (1003.10)

SEPARATORS

_____ Where required
(1003.4, 1003.5, 1003.6, 1003.7, 1003.8)

_____ Approval (1003.2)

_____ Design (1003.4.2)

_____ 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
(106.3.1, 316.1.4)

_____ Design (105.2, 316.1.5)

_____ Inspection schedule (316.1.6)

_____ Engineered venting (918, 919, 920)

_____ Computerized design (714)

SPECIAL PIPING AND STORAGE SYSTEMS (Chapter 12)

_____ Nonflammable medical gases (1202.1)

_____ Nonmedical oxygen systems (1203.1)

GRAY WATER RECYCLING SYSTEMS (Chapter 13)

_____ General (1301)

_____ Systems for flushing water closets and urinals
(1302)

_____ Subsurface landscape irrigation systems (1303)

APPENDICES A–F

_____ Appendices adopted

_____ Compliance verified

NOTES