

904.8 Storage Tanks.

904.8.1 Construction. When installed above or below grade, storage tanks shall be constructed to withstand internal and external forces whether the tank is empty or full.

904.8.2 Drain and Overflow. The drain and overflow of a storage tank to the sanitary sewer is only allowed for graywater systems and similar (e.g.; reclaimed water and process water), where upstream processes utilized WSSC metered water. All other “un-metered” discharges (e.g., rain water, condensate, and groundwater) shall be routed to the storm water system in accordance with relevant standards.

904.8.3 Air Gap or Backwater Valve. Where possible, an air gap shall be provided between the drain/overflow of a storage tank and its sanitary drain receptor. In lieu of an air gap, a backwater valve may be installed downstream of a storage tank directly discharging to the sanitary sewer to protect the tank from any possible back-up within the building drainage system. When directly connected, both drain and overflow shall discharge into a vented trap. Whether direct or indirect, traps serving such storage tanks shall include automatic trap priming devices.

904.8.4 Storm Sewer Connection. When applicable, water re-use collection piping, tanks, drains and overflows shall be protected from storm sewer backflow by air gap or a backwater valve(s).

904.9 Roof Washer System. Rainwater harvesting systems shall be outfitted with debris excluders or similar devices. It is recommended that roof washing systems be designed to automatically divert a sufficient volume of initial rainfall to effectively clean the roof or collection surface of undesired debris and contaminants.

904.10 Combination Systems. Multiple sources may be utilized to provide make-up to a single non-potable water treatment systems as follows:

904.10.1 Collection System Segregation. Each type of source water shall be independently routed to the treatment and storage components, unless otherwise approved by the code official.

904.10.2 Metering. Prior to joining source waters together for treatment, metering of all “non-metered” source waters shall be accomplished. Source waters shall be filtered through a minimum of a 100 micron filter.

904.10.3 Overflow and Backwash. Collection overflows and filtration backwash water shall be routed to their required corresponding collection systems (e.g.: rainwater to storm sewer; graywater to sanitary sewer. etc.)

SECTION 905 DISCLOSURE AND SIGNAGE

905.1 Distribution Piping. Distribution piping and supply shut-off valves shall be marked, labeled and tagged in accordance with Section 904.7.2.

905.2 Commercial, Industrial and Institutional Restrooms. Each restroom in these various occupancies shall have, at a minimum, one disclosure sign posted in a conspicuous location. The lettering shall be highly visible and a minimum of a ½” in height on a contrasting background with the following text: *Caution: Non-Potable Water Used for Toilet and Urinal [where applicable] Flushing*”

905.3 Water Re-use Equipment Room. In all water re-use equipment rooms there shall be a disclosure sign, or signs as needed. Each sign provided shall have highly visible lettering a minimum of a ½” in height on a contrasting background with the following text: *“This building utilizes a water re-use system that produces non-potable water for [describe use]. Prior to commencing any plumbing or mechanical work on premises, by law you must consult with the system operator.”*

SECTION 906 OPERATIONS AND MAINTENANCE

906.1 Approved Operators. Water Re-use Systems shall be operated and maintained by qualified technicians. Licensing and qualification credentials for technicians, if any, will be established by the county government agency having jurisdiction.

906.2 Operation, Maintenance, Recordation & Reporting. Operation, maintenance, recordation & reporting shall be performed consistent with the approvals to operate the system granted by the jurisdiction having authority as described in Section 901. Failure to properly operate, maintain, record and/or report the system shall constitute a violation of this Code and the water re-use system may be subject to a shut-down order requiring a disconnection of the system and supplying all related plumbing fixtures with potable water.

906.3 Minimum Water Quality. When minimum required water quality standards cannot be met, the water re-use systems shall be completely by-passed and supplied with potable water through an adequately sized interconnection. Distribution piping shall be purged and disinfected as needed.

906.4 System Shut-down and Removal. Long term shut down or removal of a water re-use system shall be done under a Short Form Permit. Collection piping shall be re-routed directly to the sanitary or storm water systems as applicable. Interconnection between the treatment system and the potable water mains *shall be* permanently divorced. Existing distribution piping shall be purged and disinfected as needed. Re-activation requires the same approvals as a new system.

NON-RESIDENTIAL SDC

JJ	Shower Stall (2" drain)	5.00	\$ 440	3.00	\$ 345	\$ 785
WG	Shower, per head, gang/column	5.00	\$ 440		\$ -	\$ 440
26	Sink - Clinical (Flush Valve)	5.00	\$ 440	6.00	\$ 690	\$ 1,130
WL	Sink - Compartment (one faucet)	4.00	\$ 352		\$ -	\$ 352
WN	Sink - Compartment (two faucets)	8.00	\$ 704	-	\$ -	\$ 704
4A	Sink - Hand	1.00	\$ 88	1.00	\$ 115	\$ 203
21	Sink - 1-1/2" Drain	2.00	\$ 176	2.00	\$ 230	\$ 406
WA	Sink - Laundry Tray (with clothes washer)	6.00	\$ 528	3.00	\$ 345	\$ 873
47	Sink - Laundry Tray (without clothes washer)	3.00	\$ 264	2.00	\$ 230	\$ 494
20	Sink - Lavatory - Common	1.00	\$ 88	1.00	\$ 115	\$ 203
JS	Sink - Mop or Service (1-1/2" trap)	2.00	\$ 176	2.00	\$ 230	\$ 406
JT	Sink - Mop or Service (2" trap)	2.00	\$ 176	3.00	\$ 345	\$ 521
JU	Sink - Mop or Service (3" trap)	2.00	\$ 176	5.00	\$ 575	\$ 751
WO	Sink - Wash Fountain	4.00	\$ 352	3.00	\$ 345	\$ 697
YO	Spray - Hand Held	4.00	\$ 352	-	\$ -	\$ 352
12	Urinal	3.00	\$ 264	4.00	\$ 460	\$ 724
U2	Water Closet - Flush Tank (Non-public)	2.00	\$ 176	4.00	\$ 460	\$ 636
U4	Water Closet - Flush Tank (Public)	2.00	\$ 176	6.00	\$ 690	\$ 866
U3	Water Closet - Flush Valve (Non-public)	5.00	\$ 440	4.00	\$ 460	\$ 900
U5	Water Closet - Flush Valve (Public)	5.00	\$ 440	6.00	\$ 690	\$ 1,130
WS	Water Conditioner	-	\$ -	-	\$ -	\$ -
WT	Water Dispenser	0.50	\$ 44	-	\$ -	\$ 44
60	Water Heater - Not Gas	-	\$ -	-	\$ -	\$ -
WR	Water Supply Only 3/8"	2.00	\$ 176	-	\$ -	\$ 176
YE	Water Supply Only 1/2"	4.00	\$ 352	-	\$ -	\$ 352
YD	Water Supply Only 3/4"	10.00	\$ 880	-	\$ -	\$ 880
YC	Water Supply Only 1"	75.00	\$ 6,600	-	\$ -	\$ 6,600
YB	Water Supply Only 1-1/4"	160.00	\$ 14,080	-	\$ -	\$ 14,080
YA	Water Supply Only 1-1/2"	270.00	\$ 23,760	-	\$ -	\$ 23,760
WZ	Water Supply Only 2"	550.00	\$ 48,400	-	\$ -	\$ 48,400
WY	Water Supply Only 3"	1,500.00	\$ 132,000	-	\$ -	\$ 132,000
WX	Water Supply Only 4"	3,000.00	\$ 264,000	-	\$ -	\$ 264,000
WW	Whirlpool, Therapeutic (water only)	10.00	\$ 880	-	\$ -	\$ 880

Permits must accurately reflect **EVERY** fixture code to be installed for **ALL** non-residential, residential, apartment units, and renovation projects. **Permits that do not reflect 100% fixture accuracy will FAIL inspection.**

Modifications to the permit must be made and "updated" in the Permits system prior to scheduling an inspection.

Fixture unit values shown in this chart shall be used **only** for calculating System Development Charges. For system design and hydraulic calculations, use the fixture unit values shown in the International model codes.

For fixtures not listed, the Code Official shall use the value of a fixture with similar flow characteristics.