Analysis of Changes for the 6th Edition (2017) Florida Codes

Changes to the Florida Building Code, Plumbing

This *Analysis of Changes for the 6th Edition (2017) of the Florida Codes* is intended to provide a comprehensive comparison of the provisions in the *5th Edition (2014) Florida Building Code, Plumbing* (FBCP) and the *6th Edition (2017) Florida Building Code, Plumbing*. The *2012 International Plumbing Code* was the base code for the *5th Edition (2014)* FBCP. The *2015 International Plumbing Code* is the base code for the 6th Edition (2017) FBCP. As a result of changing the base code and Florida-specific amendments, certain provisions and criteria of the code have changed. This *Analysis* will serve a useful tool to facilitate the transition to the new code.

This *Analysis* is arranged so that comparable provisions in the two codes can be easily located. The left two columns contain section numbers and a brief overview of the corresponding requirements from the *5th Edition (2014)* FBCP. The next two columns contain section numbers and a brief overview of the corresponding requirements in the *6th Edition (2017)* FBCP. The far right column contains a brief analysis or comment on the differences between the provisions.

This *Analysis* is not intended to replace or interpret the provisions contained in either the *5th Edition (2014)* or the *6th Edition (2017)* FBCP. This information simply points out the differences. The *Analysis* is not designed to be used without the aid of the representative code books, as all the details pertaining to a specific section may or may not be provided. However, this *Analysis* will provide an easy means for identifying differences in the two codes, as well as enabling the user to locate issue specific provisions in the *6th Edition (2017)* FBCP by means of a numbered section cross reference.

This *Analysis* provides a cross-reference for the majority of the sections that changed in the *6th Edition (2017)* FBCP. In some cases, sections were grouped together due to substantial differences. This grouping enables the extent of the differences to be more readily identified.

Notable changes deemed to be the most significant or to have the greatest impact have been highlighted in yellow.

Note: Seismic loading and snow loading provisions in the code are no longer reserved (deleted) in the *6th Edition (2017)* FBCP, even though they do not apply in the State of Florida. While there are changes to some of these sections and provisions, they are not shown here in this *Analysis* because they do not apply to construction in the State of Florida.

5th Edition (2014) FBCP		6th Edition (2017) FBCP		Analysis
Section	**Requirement**	**Section**	**Requirement**	
Chapter 2: Definitions				
-	-	202	Definitions: Alternate On-Site Nonpotable Water	New definition describing alternate on-site nonpotable water as nonpotable water from other than public utilities, on-site surface sources and subsurface natural freshwater sources. Definition is applicable to the update of Chapter 13.
202	Definitions: Approved	202	Definitions: Approved	Revised to remove the language "authority having jurisdiction" within the meaning of approved.
202	Definitions: Backflow Preventer	202	Definitions: Backflow Preventer	Definition revised to be more specifically identify or apply proper "protection" to a use or connection.
-	-	202	Definitions: Collection Pipe	New definition applicable to the update of Chapter 13 regarding nonpotable water systems.
-	-	202	Definitions: Drinking Fountain	New definition added to clarify the distinctions between drinking fountains, water dispensers, and water coolers.
202	Definitions: Grease Interceptor	202	Definitions: Grease Interceptor	Definition revised to include fats, oils and greases (FOG) disposal systems.
202	Definitions: Mechanical Joint	202	Definitions: Mechanical Joint	Definition revised to clarify that heat fusion joints are not mechanical joints.
-	-	202	Definitions: Meter	New definition defined as a measuring device use to collect data and indicate water usage. Applicable to the update of Chapter 13 regarding nonpotable water systems.
-	-	202	Definitions: On-Site Nonpotable Water Reuse System	New definition applicable to the update of Chapter 13 regarding nonpotable water systems.
202	Definitions: Plumbing System	202	Definitions: Plumbing System	Revised to clarify that water supplies, storm sanitary and storm sewers are located outside the structures.
-	-	202	Definitions: Rainwater	New definition defined as water from natural precipitation. Applicable to the update of Chapter 13 regarding nonpotable water systems.

202	Definitions: Sewer	202	Definitions: Sewer	Public sewer revised for consistency with how water main is defined.
-	-	202	Definitions: Storm Water	New definition defined as natural precipitation, including snow-melt that has contacted a surface at or below grade.
-	-	202	Definitions: Toilet Facility	New definition added for a term that used throughout the code.
-	-	202	Definitions: Waste Receptor	New definition added for a term that used throughout the code.
-	-	202	Definitions: Water Cooler	New definition added to clarify the distinctions between drinking fountains, water dispensers, and water coolers.
-	-	202	Definitions: Water Dispenser	New definition added to clarify the distinctions between drinking fountains, water dispensers, and water coolers.
Chapter 3: General Regulations				
305.4.1	Sewer depth	-	-	Section deleted.
307.5	Trench location	307.5	Protection of footings	Section revised to clarify the intent.
Table 308.5	Hanger Spacing	Table 308.5	Hanger Spacing	Note b has been revised to specifically define what a mid-story guide is.
309.3	Coast high hazard areas	309.3	Coast high hazard areas and coastal A zones	Revised to include coastal A zones within the scope of this section.
312.2	Drainage and vent water test	312.2	Drainage and vent water test	Revised to change the required water test from a 10 foot head of water to a 5 foot head of water.
312.6	Gravity sewer test	312.6	Gravity sewer test	Revised to change the required water test from a 10 foot head of water to a 5 foot head of water.
314.2.2	Drain pipe materials and sizes	314.2.2	Drain pipe materials and sizes	Revised to delete polybutylene and add polypropylene as materials comprising components of the condensate disposal system.
-	-	314.2.4.1	Ductless mini-split traps	New section requiring ductless mini split equipment that produces condensation to be provided with an inline check valve located in the drain line instead of a trap.
-	-	314.2.5	Drain line maintenance	New section requiring condensate drain lines to be configured to permit clearing of blockages and performance of maintenance

				without requiring the drain line to be cut.
Chapter 4: Fixtures, Faucets and Fixture Fittings				
403.1	Minimum number of fixtures	403.1	Minimum number of fixtures	Revised to require that the minimum number of fixtures required by Table 403.1 be determined based on the actual use of the space instead of the occupancy type.
Table 403.1	Minimum Number of Required Plumbing Fixtures	Table 403.1	Minimum Number of Required Plumbing Fixtures	Lodging houses with five or fewer guestrooms has been added to Group R-3. Note e has been deleted because it is redundant. Footnote f has been relocated to new Section 410.2.
403.3	Required public toilet facilities	403.3	Required public toilet facilities	New exception to required toilet facilities added for tenant spaces intended for quick transactions, including take out, pick up and drop off, having a public access area less than or equal to 300 square feet.
403.3.3	Location of toilet facilities in occupancies other than malls	403.3.3	Location of toilet facilities in occupancies other than malls	The term “travel distance” has been changed to “distance of travel” to more clearly distinguish between exit access travel distance.
403.3.4	Location of toilet facilities in malls	403.3.4	Location of toilet facilities in malls	The term “travel distance” has been changed to “distance of travel” to more clearly distinguish between exit access travel distance.
403.4	Signage	403.4	Signage	Section revised to clarify that the FBCP does not always separate facilities for each sex.
403.4.1	Directional signage	403.4.1	Directional signage	Revised to remove the reference to Section 3107 in the FBCB since it is silent on this issue. Criteria is revised for clarity.
403.5	Drinking fountain location	403.5	Drinking fountain location	The term “travel distance” has been changed to “distance of travel” to more clearly distinguish between exit access travel distance.
406.1	Water connection (automatic clothes washers)	406.1	Water connection (automatic clothes washers)	Section revised to require air gaps for automatic clothes washers to comply with ASME A112.1.2 or ASME A112.1.3.
409.2	Water connection (dishwashing machines)	409.2	Water connection (dishwashing machines)	Section revised to require air gaps for dishwashing machines to comply with ASME A112.1.2 or ASME A112.1.3.

410.1	Approval (drinking fountains)	410.1	Approval (drinking fountains)	Revised to require electrically operated, refrigerated drinking water coolers to be listed and labeled in accordance with UL 399.
-	-	410.2	Small occupancies	New section relocated from note f of Table 403.1.
410.2	Minimum number	410.3	Provide high and low drinking fountains	Exception revised to require two separate spouts where a single drinking fountain is permitted.
410.3	Substitution	410.4	Substitution	Revised to clarify the distinctions between drinking fountains, water dispensers, and water coolers.
410.4	Prohibited location	410.5	Prohibited location	Revised to clarify the distinctions between drinking fountains, water dispensers, and water coolers.
413.1	Approval (food waste grinder units)	413.1	Approval (food waste disposer units)	Revised to change the term “food waste grinder units” to “food waste disposer units.” Food waste disposer units are required to be listed and labeled in accordance with UL 430.
413.2	Domestic food waste grinder waste outlets	413.2	Domestic food waste disposer waste outlets	Revised to change the term “food waste grinder units” to “food waste disposer units.”
413.3	Commercial food waste grinder waste outlets	413.3	Commercial food waste disposer waste outlets	Revised to change the term “food waste grinder units” to “food waste disposer units.”
413.4	Water supply required	413.4	Water supply required	Revised to change the term “food waste grinder units” to “food waste disposer units.”
417.4.1	Floor and wall area (showers)	417.4.1	Floor and wall area (showers)	Revised to require that bath tubs and showers have non-absorbent floors. The term “non-corrosive” is replaced with the term “corrosion-resistant.”
417.5.1	Shower lining	417.5.1	Shower lining	New exception to the requirement for a shower liner for shower compartments where the finished shower drain is depressed a minimum of 2 inches (51 mm) below the surrounding finished floor on the first floor level and the shower recess is poured integrally with the adjoining floor.
420.1	Approval (water closets)	420.1	Approval (water closets)	New language added requiring water closets equipped with a dual flushing device to comply with ASME A112.19.14.

421.1	Approval (whirlpool bathtubs)	421.1	Approval (whirlpool bathtubs)	Revised to require whirlpool bath tubs to be listed and labeled in accordance with UL 1795.
-	-	423.3	Footbaths, pedicure baths and head shampoo sinks.	New section addressing maximum water temperature for foot baths and head shampoo sinks.
424.8	Transfer valves (faucets and other fixture fittings)	424.8	Transfer valves (faucets and other fixture fittings)	Revised to require deck-mounted bath/shower transfer valves containing an integral atmospheric vacuum breaker to conform to the requirements of ASME A112.18.1/CSA B125.1
Chapter 5: Water Heaters				
501.3	Drain valves	501.3	Drain valves	Reference to ASSE 1005 for drain valves has been deleted. New language has been added requiring the drain valve inlet to be not less than ¾ inch nominal iron pipe size and the outlet is required to be provided with male garden hose threads.
504.6	Requirements for discharge piping	504.6	Requirements for discharge piping	Item 10 has been revised to specify a minimum discharge piping termination of not less than two times the discharge pipe diameter above the flood level rim of the waste receptor.
504.7.2	Pan drain termination	504.7.2	Pan drain termination	New language permits the pan drain to not be installed for a replacement water heater installation where a pan drain was not previously installed.
Chapter 6: Water Supply and Distribution				
-	-	601.5	Rehabilitation of piping systems	New section requiring epoxy lining systems to comply with ASTM F2831 where pressure piping systems are rehabilitated using an epoxy lining system.
602.3.4	Disinfection of system	602.3.4	Disinfection of system	Major repair has been removed from the scope of this section requiring disinfection in accordance with Section 610.
603.2	Separation of water service and building sewer	603.2	Separation of water service and building sewer	Section has been rewritten for clarity.
Table 604.3	Water Distribution System Design Criteria Required Capacity At Fixture Supply Pipe	Table 604.3	Water Distribution System Design Criteria Required Capacity At Fixture Supply Pipe Outlets	Minimum flow rates for lavatories, showers, and residential sinks have been reduced. New not b permits the use the manufacturer

	Outlets			flow rate for shower mixing valves where it is lower than the minimum required by Table 403.1.
Table 604.5	Minimum Sizes of Fixture Water Supply Pipes	Table 604.5	Minimum Sizes of Fixture Water Supply Pipes	Note a has been revised to apply to a developed length of the distribution of 50 feet or less.
Table 605.3	Water Service Pipe	Table 605.3	Water Service Pipe	Chlorinated polyvinyl chloride/aluminum/ chlorinated polyvinyl chloride (CPVC/AL/CPVC) has been added as piping material and is required to comply with ASTM F2855. Asbestos-cement piping has been deleted.
Table 605.4	Water Distribution Pipe	Table 605.4	Water Distribution Pipe	Chlorinated polyvinyl chloride/aluminum/ chlorinated polyvinyl chloride (CPVC/AL/CPVC) has been added as piping material and is required to comply with ASTM F2855.
605.5	Fittings	605.5	Fittings	Section revised to require ductile and gray iron pipe and pipe fittings utilized within water service piping systems to be mortar cement lined.
Table 605.5	Pipe Fittings	Table 605.5	Pipe Fittings	New standards for various types of pipe fittings have been added and inappropriate standards have been deleted.
605.7	Valves	605.7	Valves	Section revised to require all valves intended to supply drinking water to comply with NSF 61 not just ball valves, gate valves, butterfly valves, globe valves and plug. Requires valves to comply with new Table 605.7.
-	-	Table 605.7	Valves	New table has been added to identify appropriate performance standards for valves.
605.11	Asbestos-cement	-	-	Section applicable to joints between asbestos-cement pipe or fittings has been deleted.
-	-	605.14.3	Grooved and shouldered mechanical joints (copper tubing)	New section providing criteria on the use of grooved and shouldered mechanical press-connect joints.
-	-	605.14.5	Press-connect joints	New section providing criteria on the use of

				press-connect joints.
605.16.2	Solvent cementing (CPVC plastic)	605.15.2	Solvent cementing (CPVC plastic)	Section reorganized for clarity.
-	-	605.16	Chlorinated polyvinyl chloride/aluminum/ chlorinated polyvinyl chloride (CPVC/AL/CPVC) pipe and tubing	New section providing criteria for the use of Chlorinated polyvinyl chloride/aluminum/ chlorinated polyvinyl chloride (CPVC/AL/CPVC) pipe and tubing
-	-	605.16.1	Mechanical joints	New section providing criteria for mechanical joints for Chlorinated polyvinyl chloride/aluminum/ chlorinated polyvinyl chloride (CPVC/AL/CPVC) pipe and tubing.
-	-	605.16.2	Solvent cementing	New section providing criteria for solvent cementing for Chlorinated polyvinyl chloride/aluminum/ chlorinated polyvinyl chloride (CPVC/AL/CPVC) pipe and tubing.
-	-	605.18.3	Grooved and soldered mechanical joints (steel)	New section providing criteria on the use of grooved and shouldered mechanical press-connect joints.
-	-	605.22.2	Grooved and soldered mechanical joints (PVC plastic)	New section providing criteria on the use of grooved and shouldered mechanical press-connect joints.
-	-	605.23.3	Grooved and soldered mechanical joints (stainless steel)	New section providing criteria on the use of grooved and shouldered mechanical press-connect joints.
605.24.2	Plastic pipe or tubing to other piping material	605.24.2	Plastic pipe or tubing to other piping material	Revised to clarify the scope of this section pertains to joints between different types of plastic pipe.
605.25.1	Flared joints (PE-RT plastic)	-	-	Section deleted.
607.2.1	Hot water system controls	607.2.1	Circulation systems and heat trace systems for maintaining heated water temperature in distribution systems	Sections completely rewritten and reorganized. Requires the installation of heated water circulation and temperature maintenance systems to be in compliance with the FBCEC.
		607.2.1.1	Pump controls for hot water storage systems	
		607.2.1.2	Demand recirculation controls for distribution systems	
607.2.2	Recirculating pump	607.2.2	Piping for recirculation systems having mater thermostatic valves	Section title renamed.
607.3	Thermal expansion control	607.3	Thermal expansion control	Criteria for thermal expansion controls has been combined in a single section. Revised
607.3.1	Pressure reducing valve			

607.3.2	Backflow prevention device or check valve			to include additional specificity with regard to the location of the thermal expansion control device and sizing.
-	-	607.5	Insulation of piping	Revised to require piping to the inlet of a water heater and piping conveying water heated by a water heater to insulated in accordance with the FBCEC.
Table 608.1	Application of Backflow Preventers	Table 608.1	Application of Backflow Preventers	Table reorganized to better identify the different backflow protection methods: backflow prevention assemblies, backflow prevention devices and other means or methods. ASME A112.21.3 has been added as an applicable standard for certain backflow preventers.
608.6	Cross connection control	608.6	Cross connection control	Revised to refer specifically to backflow prevention assemblies, backflow prevention devices or other means or methods
608.8	Identification of nonpotable water systems	608.8	Identification of nonpotable water systems	Revised to permit the use of tape to identify piping conveying nonpotable water.
		608.8.1	Signage required (nonpotable water)	Revised to require the signage to indicate the application of the nonpotable water is used for. Requires the signage to also show new “DO NOT DRINK” pictograph.
-	-	Figure 608.8.1	Pictograph-Do Not Drink	New pictograph required to appear on signage indicating nonpotable water.
608.8.1	Information	608.8.2	Distribution Pipe Labeling and Marking	New language requires non-potable distribution piping to be of the color purple and to be embossed or integrally stamped or marked with the words: “CAUTION: NONPOTABLE WATER – DO NOT DRINK” or to be installed with a purple identification tape or wrap
-	-	608.2.3	Identification tape	New section specifying characteristic and requirements on the use of identification tape when used to identify nonpotable water systems.
-	-	608.13.10	Duel check backflow preventer	New section added referencing ASSE 1024 and CSA B64.6 for dual check backflow preventers as already referenced in Table 608.1.

610.1	General (disinfection of potable water system)	610.1	General (disinfection of potable water system)	Deletes the repair of potable water systems from the scope of this section.
Chapter 7: Sanitary Drainage				
701.7	Connections	-	-	Section prohibiting the direct connection of a steam exhaust, blowoff or drip pipe to the building drainage system and requiring waste water discharged into the building drainage system to be at a temperature not greater than 140°F (60°C) has been deleted.
Table 702.2	Underground Building Drainage and Vent Pipe	Table 702.2	Underground Building Drainage and Vent Pipe	Asbestos-cement piping complying with ASTM C428 has been deleted.
Table 702.3	Building Sewer Pipe	Table 702.3	Building Sewer Pipe	Asbestos-cement piping complying with ASTM C428 has been deleted.
Table 702.4	Pipe Fittings	Table 702.4	Pipe Fittings	Asbestos-cement piping complying with ASTM C428 has been deleted.
-	-	702.5	Temperature rating	New section requiring the sanitary drainage piping material shall be rated for the highest temperature of the wastewater where the wastewater temperature will be greater than 140°F (60°C).
703.1	Building sewer pipe near the water service	703.1	Building sewer pipe near the water service	Revised to clarify that Section 603.2 applies to the separation of water service piping and the building sewer
-	-	703.6	Combined sanitary and storm public sewer	New section requiring the sanitary sewer to be connected independently to the public sewer where the public sewer is a combined system for both sanitary and storm water. Revised and relocated from Section 1104.2.
705.3	Asbestos-cement (joints)	-	-	Section applicable to joints between asbestos-cement pipe or fittings has been deleted.
705.5.3	Mechanical joint coupling	705.4.3	Mechanical joint coupling	Revised to require mechanical joint couplings for hubless pipe and fittings to consist of an elastomeric sealing sleeve and a metallic shield.
705.7	Coextruded composite ABS pipe, joints	-	-	Section deleted.
705.7.1	Mechanical joints	-	-	Section deleted.
705.7.2	Solvent cementing	-	-	Section deleted.
705.8	Coextruded composite PVC pipe.	-	-	Section deleted.

705.8.1	Mechanical joints	-	-	Section deleted.
705.8.2	Solvent cementing	-	-	Section deleted.
705.14.2	Solvent cementing (PVC plastic)	705.11.2	Solvent cementing (PVC plastic)	New exception for one-step solvent cementing of non-pressure DWV systems 4-inch diameter and smaller.
708	Cleanouts	708	Cleanouts	Entire Section 708 has been reorganized for clarity.
712.3.2	Sump pit	712.3.2	Sump pit	Revised to require that the sump pit gas-tight removable cover is installed flush with grade or above grade.
715.1	Sewage backflow	715.1	Sewage backflow	New exception permits fixtures above the elevation of the manhole cover of the next upstream manhole in the *public sewer* to discharging through a backwater valve in existing buildings.
-	-	717	Replacement of Underground Sewers by Pipe-Bursting Methods	New section providing criteria for replacement of underground sewers by pipe-bursting methods.
Chapter 8: Indirect/Special Waste				
802.1	Where required (indirect/special waste)	802.1	Where required (indirect/special waste)	Food handling equipment in dwellings units is exempted from discharging through an indirect waste pipe. Dishwashing machines and utensil, pots, pans and dish washing sinks have been added as requiring to discharge through an indirect waste pipe.
802.1.1	Food handling	802.1.1	Food handling	New language requires each well of a multi-compartment sink shall discharge independently to a waste receptor.
802.1.6	Domestic dishwashing machines	802.1.6	Domestic dishwashing machines	The term “standpipe” has been deleted since a standpipe is a waste receptor. Section simply requires domestic dishwashing machines to discharge into a waste receptor.
802.1.7	Commercial dishwashing machines	802.1.7	Commercial dishwashing machines	The term “standpipe” has been deleted since a standpipe is a waste receptor. Section now simply requires commercial dishwashing machines to discharge into a waste receptor.
802.2	Installation	802.2	Installation	The term “standpipe” has been deleted since a standpipe is a waste receptor.

				Section now simply requires waste receptors to be trapped and vented.
802.2.2	Air break	802.2.2	Air break	The term “standpipe” has been deleted since a standpipe is a waste receptor. Section now simply requires an air break to be provided between the indirect waste pipe and the trap seal of the waste receptor.
802.3	Waste receptors	802.3	Waste receptors	Revised to remove the prohibition on installing waste receptors in bathrooms and toilet rooms. Hub drains that receive only clear-water waste and standpipes are exempted from having a removable strainer or basket that covers the waste outlet of waste receptors
802.3.2	Open hub waste receptors	802.3.2	Hub drains	Revised for consistency with new definition of waste receptor. Exemption for strainer has been deleted.
803.1	Waste water temperature	-	-	Section deleted.
Chapter 9: Vents				
901.2	Trap seal protection (vents)	901.2	Trap seal protection (vents)	The term “pneumatic” has been deleted as it is unnecessary.
903.1	Roof extension	903.1	Roof extension	Section revised to require the termination of open vent pipes extending through the roof to be not less than 6 inches above the roof. Revised to clarify that the required termination of 7 feet above the roof applies only where the roof is used for assembly, promenade, observation deck, sunbathing deck or similar purposes.
915.2.3	Connection (combination waste and vent)	915.2.3	Connection (combination waste and vent)	Section revised to require horizontal drains to be vented by serving vented fixtures on the same floor as the CWV system is located.
918.5	Access and ventilation (air admittance valves)	918.5	Access and ventilation (air admittance valves)	The requirement that the valve be located in a ventilated space has been deleted.
Chapter 10: Traps, Interceptors and Separators				
1002.1	Fixture traps	1002.1	Fixture traps	Exception 4 has been revised to permit floor drains in multilevel parking structures that discharge to a building storm sewer to not be individually trapped.

-	-	1002.4.1	Trap seal protection	New section permitting 4 methods for protecting the trap seal of emergency floor drain traps or traps subject to evaporation
-	-	1002.4.1.1	Potable water-supplied trap seal primer valve	New section providing criteria for potable water-supplied trap seal primer valves.
-	-	1002.4.1.2	Reclaimed or gray water-supplied trap seal primer valve	New section providing criteria for reclaimed or gray water-supplied trap seal primer valves.
-	-	1002.4.1.3	Waste water-supplied trap seal primer device	New section providing criteria for waste water-supplied trap seal primer devices.
-	-	1002.4.1.4	Barrier-type trap seal protection device	New section providing criteria for barrier-type trap seal protection devices.
1002.6	Building traps	1002.6	Building traps	Conditions where building traps are permitted have been deleted.
1003.3.4	Hydromechanical grease interceptors and automatic grease removal devices	1003.3.4	Hydromechanical grease interceptors, fats, oils and greases disposal systems and automatic grease removal devices	Section revised to add fats, oils and grease disposal systems to the scope of this section and requires such systems to comply with ASME A112.14.6.
-	-	1003.3.6	Gravity grease interceptors and gravity grease interceptors with fats, oils, and greases disposal systems	New section addressing Gravity grease interceptors and gravity grease interceptors with fats, oils, and greases disposal systems
-	-	1003.3.7	Direction connection	New section requiring the discharge piping from a grease interceptor to be directly connected to the sanitary drainage system.
1003.4	Oil separators required	1003.4	Oil separators required	Section revised to clarify oil separators are only required in repair garages where floor or trench drains are provided. The exception for providing an oil separator has been revised to require the alarm system to not terminate the operation of pumps utilized to maintain emergency operation of the elevator by firefighters.
1003.6	Laundries	1003.6	Clothes washer discharge interceptor	Section reorganized to clarify the exemption for laundries from discharging through an interceptor applies to clothes washers in individual dwelling units.
1003.9	Venting of interceptors and separators	1003.9	Venting of interceptors and separators	Revised to require interceptors and separators to be vented in accordance with one of the methods in Chapter 9.
Chapter 11: Storm Drainage				

1101.2	Where required	1101.2	Disposal	Section revised to clarify that rainwater capture systems are permitted for disposal of rainwater.
1101.7	Roof design	1101.7	Roof design	New language added requiring that the maximum possible depth of water on the roof includes the height of the water required above the inlet of the secondary roof drainage means to achieve the required flow rate of the secondary drainage means to accommodate the design rainfall rate as required by Section 1106.
Table 1102.4	Building Storm Sewer Pipe	Table 1102.4	Building Storm Sewer Pipe	Asbestos-cement piping complying with ASTM C428 has been deleted.
Table 1102.5	Subsoil Drain Pipe	Table 1102.5	Subsoil Drain Pipe	Asbestos-cement piping complying with ASTM C508 has been deleted. SDR 35 PVC pipe complying with ASTM D 3034 has been added to the table.
1103.1	Main traps	1103.1	Main traps	Section revised to prohibit trapping leaders and storm drains connected to a building storm sewer.
1104.2	Combining storm with sanitary drainage	-	-	Section deleted. Revised provisions relocated to Section 703.6.
1105.2	Roof drain flashings	-	-	Section deleted.
-	-	1105.2	Roof drain flow rate	New section requiring the published roof drain flow rate based upon the head of water above the roof drain to be used to size the storm drainage system in accordance with Section 1106. Requires the flow rate used for sizing the storm drainage piping to be based on the maximum anticipated ponding at the roof drain.
1106	Size of Conductors, Leaders and Storm Drains	1106	Size of Conductors, Leaders and Storm Drains	Methods for sizing conductors, leaders, and storm drains have been based on new research. Revised methodology include flow through the roof drain when sizing the piping system.
1106.7	Scupper sizing	-	-	Section deleted.
Table 1106.7	Sizing Scuppers for a 5 Inch Per Hour Rate of Rainfall	-	-	Table deleted.
1108.1	Secondary (emergency overflow)	1108.1	Secondary (emergency overflow)	Section revised to require where primary

	drains or scuppers		drains or scuppers	and secondary roof drains are manufactured as a single assembly, the inlet and outlet for each drain are to be independent.
1109.1	Size of combined drains and sewer (combined sanitary and storm public sewer)	1109.1	General (combined sanitary and storm public sewer)	Revised to require the storm sewer to be connected independently to the public sewer where the public sewer is a combined system for both sanitary and storm water.
1110	Values for continuous flow	-	-	Section deleted.
Chapter 12: Special Piping and Storage Systems				
1202.1	Nonflammable medical gas	1202.1	Nonflammable medical gas	Reference to NFPA 99C has been changed to NFPA 99.
1203.1	Design and installation (oxygen systems)	1203.1	Design and installation (oxygen systems)	Reference to NFPA 50 has been changed to NFPA 55.
Chapter 13: Nonpotable Water Systems				
Chapter 13	Gray Water Recycling Systems	Chapter 13	Nonpotable Water Systems	Provisions of the entire chapter have been deleted and replaced with provisions from the International Green Construction Code.
Chapter 14: Subsurface Landscape Irrigation Systems				
-	-	Chapter 14	Subsurface Landscape Irrigation Systems	New chapter based on provisions from the International Green Construction Code.
Appendix C: Vacuum Drainage Systems				
Appendix C	Vacuum Drainage Systems	716	Vacuum Drainage Systems	Provisions relocated to Section 716
Appendix E: Sizing of Water Piping System				
Table E202.1	Internal Volume of Various Water Distribution Tubing	Table E202.1	Internal Volume of Various Water Distribution Tubing	CPVC SCH 80 and PE-RT SDR 9 have been added to the table.
Appendix F: Proposed Construction Building Codes for Turf and Landscape Irrigation Systems				
Appendix F	Proposed Construction Building Codes for Turf and Landscape Irrigation Systems	Appendix F	Proposed Construction Building Codes for Turf and Landscape Irrigation Systems	The entire appendix has been revised to reflect updated industry standards that ensure water efficiency, reduction of nutrient runoff and changes technical terms to those that are standard industry terminology.