

Significant Changes to the **2018** Arkansas State Plumbing Code

Separate Facilities



ASPC 403.4 is 403.2 in 2018 edition.

403.4 Required public toilet facilities. Customers, patrons and visitors **shall* be provided with public toilet facilities in structures and tenant spaces intended for public utilization. The accessible route to public facilities **shall not pass through kitchens, storage rooms, closets or similar spaces*. Employees **shall* be provided with toilet facilities in all occupancies. Employee toilet facilities **shall* be either separate or combined employee and public toilet facilities.



Exceptions:

1. Separate facilities **shall not be required for dwelling units and sleeping units.*
2. Separate facilities **shall not be required* in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or less *** 25
3. Separate facilities **shall not be required* in mercantile occupancies in which the maximum occupant load is 50 or less. *** 100

ASPC 403.2.1

Family or assisted-use toilet facilities serving as separate facilities.

This segment was added, approving the use of two family or assisted use facilities where only one water closet is required.

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In short, these restrooms may serve as an additional male or female restroom as needed.

ASPC 403.3.4

Location of toilet facilities in malls



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Changes include that the required number of facilities be based on occupant load and not on square footage.



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ASPC 410.1

Drinking Fountains



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Water dispensers (bottle fillers) have been added as a substitute for drinking fountains.



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ASPC 410.2

Small Occupancies

This section was added to exclude drinking fountain requirements in occupancies of less than 25 persons.



ASPC 410.3

Substitution

Where restaurants provide drinking water in a container free of charge, drinking fountains shall not be required in those restaurants. In other occupancies where drinking fountains are required water dispensers shall be permitted.



AR CODE § 6-11-119

Beginning with public school buildings constructed or totally renovated on or after July 1, 2021, the following buildings shall be equipped with water bottle filling stations: A newly constructed public school building; and An existing public school building undergoing additions or total renovations. The Division of Public School Academic Facilities and Transportation shall approve the plans and specifications for a newly constructed public school building or an existing public school building undergoing additions or total renovations only if the plans and specifications provide for the following: A minimum of one (1) water bottle filling station per one hundred (100) people; A minimum of one (1) water bottle filling station on each floor and wing of each school building proposed in the plans and specifications; and A minimum of one (1) water bottle filling station located in or near gymnasiums, cafeterias, and other high-traffic areas. A proposed water bottle filling station subject to approval under subdivision of this section may be: Integrated into drinking fountains; and Touchless for sanitary reasons. A water bottle filling station installed in a public school building as required under this section shall: Dispense clean, cooled, filtered drinking water; Be regularly cleaned to maintain sanitary conditions; Be maintained on a regular basis to ensure proper functioning;

ASPC 421.5.2

Shower Linings

This section was added and addresses the installation of sheet applied shower liner material.

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Testing of the liner shall comply with section 312.9



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ASPC 427.1

Hand wash sinks in exam rooms

A sink/lavatory shall be provided for hand washing and sanitation purposes in each clinical examination/treatment room.

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ASPC 601.5

Rehabilitation of piping systems

This is a new code provision approving epoxy lining systems meeting the specified standards, for pressure water piping rehabilitation.

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ASTM F 2831

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ASPC 603.2

Separation of water service and
building sewer

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Separation of water service and building sewer

This code segment has been revised to allow the water service and building sewer to be installed in the same ditch where the building sewer is constructed of the materials listed in Table 702.2

**TABLE 702.2
UNDERGROUND BUILDING DRAINAGE AND VENT PIPE**

MATERIAL	STANDARD
Acrylonitrile butadiene styrene (ABS) plastic pipe in IPS diameters, including Schedule 40, DR 22 (PS 200) and DR 24 (PS 140); with a solid, cellular core or composite wall	ASTM D2661; ASTM F628; ASTM F1488; CSA B181.1
Cast-iron pipe	ASTM A74; ASTM A888; CISPI 301
Copper or copper-alloy tubing (Type K, L, M or DWV)	ASTM B75; ASTM B88; ASTM B251; ASTM B306
Polyethylene (PE) plastic pipe (SDR-PR)	ASTM F714
Polyolefin pipe	ASTM F1412; ASTM F714; CSA B181.3
Polyvinyl chloride (PVC) plastic pipe in IPS diameters, including Schedule 40, DR 22 (PS 200) and DR 24 (PS 140); with a solid, cellular core or composite wall	ASTM D2665; ASTM F891; ASTM F1488; CSA B181.2
Polyvinyl chloride (PVC) plastic pipe with a 3.25-inch O.D. and a solid, cellular core or composite wall	ASTM D2949, ASTM F1488
Polyvinylidene fluoride (PVDF) plastic pipe	ASTM F1673; CSA B181.3
Stainless steel drainage systems, Type 316L	ASME A112.3.1

For SI: 1 inch = 25.4 mm.

❖ The materials listed in this table are for installation underground within a building.

ASPC 603.2

Separation of water service and building sewer

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Basically; Cast Iron, Plastic, Stainless Steel, and Copper.

ASPC 715

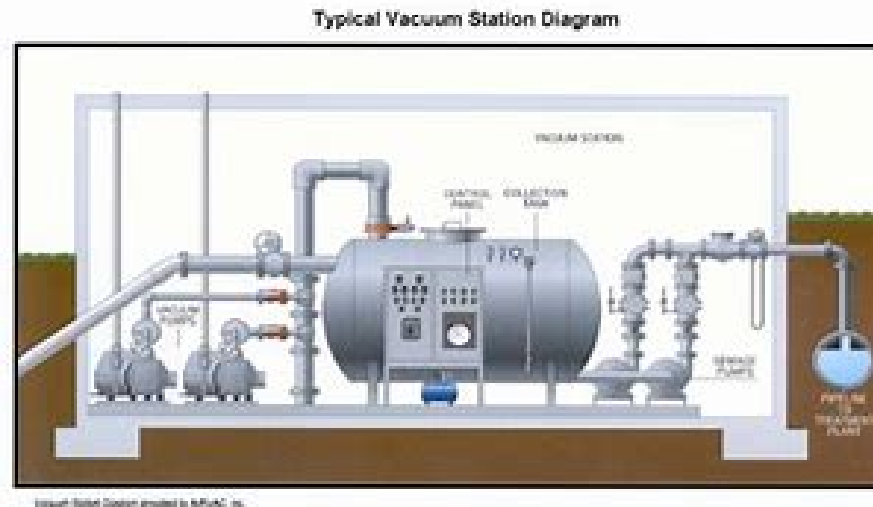
Vacuum drainage systems

This is a new code section approving vacuum drainage systems.

ASPC 715

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ASPC 716

Replacement of underground sewers
by pipe-bursting methods

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Replacement of underground sewers by pipe-bursting methods



ASPC 903.5

Location of vent terminal

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In this section, 2" replaces 3" as the minimum size primary vent!!!

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