

Article II — Modifications of National Code

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Article II — Modifications of National Code

§ 32-201 In General.

The 1990 BOCA National Plumbing Code is modified for purposes of the Plumbing Code of Borough of Alburdis as set forth in the remaining sections of this Article II (with insertions indicated by double underlining and deletions indicated by ~~stricken through~~ type).

§ 32-202 Name of Jurisdiction.

P-100.1 (relating to Administration and Enforcement—General—Title) is modified as follows:

These regulations shall be known as the Plumbing Code of ~~[NAME OF JURISDICTION]~~ the Borough of Alburdis, hereinafter referred to as “this code.”

§ 32-203 Pre-existing Use.

P-104.1 (relating to Administration and Enforcement—Existing Use—Continuation) is modified as follows:

The legal use and occupancy of any structure existing on ~~{DATE OF ADOPTION OF THIS CODE}~~ April 25, 1990, or for which it had been heretofore approved, shall be continued without change except as shall be specifically covered in this code.

§ 32-204 Code Official.

P-109.1 (relating to Administration and Enforcement—Code Official—General) is modified as follows:

~~The department of plumbing inspection~~ position of Plumbing Inspector is hereby created and the ~~executive official in charge thereof~~ Plumbing Inspector shall be designated the code official for the purposes of this code.

§ 32-205 Appointment of Plumbing Inspector.

P-109.2 (relating to Administration and Enforcement—Code Official—Appointment) is modified as follows:

~~The code official~~ Plumbing Inspector shall be appointed by the ~~chief appointing authority of the jurisdiction~~ Borough Council of the Borough of Alburtis. To be eligible for appointment to the position of Plumbing Inspector, the person shall be qualified as a Master Plumber in accordance with this code. Such official shall not be removed from office except for cause and after full opportunity has been granted on specific and relevant charges by and before the ~~appointing authority~~ Borough Council of the Borough of Alburtis.

§ 32-206 Permit Required.

P-111.1 (relating to Administration and Enforcement—Application for Permit—Permit required) is modified as follows:

Plumbing work shall not be commenced until a permit for such work has been issued by the code official. A permit is not required for repairs which involve only the working parts of a faucet or valve, clearance of stoppages, or repairing or replacement of defective faucets or valves, provided alterations are not made in the existing piping or fixtures. Plumbing work which requires a permit shall include, without limitation, new installations, alterations, fixture replacement, sanitary and storm sewer drainage, sanitary facilities, water supplies, storm water and sewage disposal in buildings, water supply and drainage connections to refrigeration processes and comfort cooling, water supply and drainage connections to building

heating, water supply and drainage connections to sprinklers and standpipes, sewer and water lines from the curb line or property line to the building, appliances, process piping, boiler replacements, roof drains and rain leaders.

§ 32-207 Person to Apply for Plumbing Permit.

P-111.3 (relating to Administration and Enforcement—Application for Permit—By whom application is made) is modified as follows:

Application for a plumbing permit shall be made by ~~the person, or an agent, to install~~ a Master Plumber who engages in or carries on the business of installing all or part of any plumbing system. The applicant shall meet all qualifications established by rules promulgated with this code or by ordinance, resolution, or statute. The full names and addresses of the owner, lessee, applicant and of the responsible officers, if the owner or lessee is a corporate body, shall be stated in the application.

§ 32-208 Fee Schedule.

P-114.2 (relating to Administration and Enforcement—Fees—Fee Schedule) is modified as follows:

The permit fees for all plumbing work, reinspection fees, and license fees shall be as indicated in the following schedule. ~~{JURISDICTION TO INSERT APPROPRIATE SCHEDULE}~~ All fees are payable to the Borough of Alburtis.

P-114.1.1 Residential Dwellings.

<u>1.</u>	<u>First three (3) fixtures</u>	<u>\$18.00</u>
<u>2.</u>	<u>Each additional fixture</u>	<u>\$ 5.00</u>
<u>3.</u>	<u>New water lines or repair from curb box</u>	<u>\$25.00</u>
<u>4.</u>	<u>Sanitary sewer hookup (each lateral)</u>	<u>\$30.00</u>
<u>5.</u>	<u>Storm sewer connections</u>	<u>\$25.00</u>
<u>6.</u>	<u>Water softeners</u>	<u>\$22.00</u>
<u>7.</u>	<u>Water supply and drainage connections to heating/ cooling/sprinkler systems.....</u>	<u>\$20.00</u>

P-114.1.2 Nonresidential.

<u>1.</u>	<u>First three (3) fixtures</u>	<u>\$30.00</u>
<u>2.</u>	<u>Each additional fixture</u>	<u>\$15.00</u>
<u>3.</u>	<u>New water lines or repair from curb box</u>	<u>\$35.00</u>
<u>4.</u>	<u>Sanitary sewer hookup (each lateral)</u>	<u>\$75.00</u>
<u>5.</u>	<u>Storm sewer connections</u>	<u>\$50.00</u>
<u>6.</u>	<u>Water softeners</u>	<u>\$40.00</u>
<u>7.</u>	<u>Water supply and drainage connections to heating/ cooling/sprinkler systems.....</u>	<u>\$30.00</u>

P-114.1.3 Reinspection Fees. A reinspection fee of \$30.00 may be charged per visit for failure to have access to the job site (this includes no provision of ladders where stairs are not yet installed), requesting an inspection on incomplete work, and repeat violation visits. These fees, when assessed, will be charged to the individual requesting the inspection and must be paid in full prior to final inspection approval.

P-114.1.4 License Examination and Renewal Fees. The fees for a plumbing license examination (which includes the appropriate plumbing license for the calendar year of the examination) and the fees for an annual plumbing license (for the calendar year indicated in the application) shall be as follows:

<u>1.</u>	<u>Master plumber</u>	<u>\$50.00</u>
<u>2.</u>	<u>Journeyman plumber.....</u>	<u>\$30.00</u>

§ 32-209 Prompt Compliance with Violation Notices.

P-117.3 (relating to Administration and Enforcement—Violations—Prosecution) is modified as follows:

If the notice of violation is not complied with ~~promptly~~ within five (5) working days, the code official shall request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful use of any plumbing system in violation of the provisions of this code or of the order or direction made pursuant thereto.

§ 32-210 Penalties.

P-117.4 (relating to Administration and Enforcement—Violations—Penalties) is modified as follows:

Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall install plumbing work in violation of an approved plan or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a ~~{DESIGNATE OFFENSE}~~ summary offense, punishable by a fine civil penalty of not more than ~~{DESIGNATE AMOUNT} dollars~~ One Thousand Dollars (\$1,000.00) ~~or by imprisonment not exceeding {DESIGNATE TIME}, or both such fine and imprisonment.~~ Each day that a violation continues shall be deemed a separate offense.

§ 32-211 Continuance of Work After Stop Work Order.

P-118.2 (relating to Administration and Enforcement—Stop Work Order—Unlawful continuance) is modified as follows:

Any person who continues any plumbing work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe conditions, shall be liable to a fine civil penalty of not less than ~~{DESIGNATE AMOUNT} dollars~~ One Hundred Dollars (\$100.00) or more than ~~{DESIGNATE AMOUNT} dollars~~ One Thousand Dollars (\$1,000.00).

§ 32-212 Membership of Board of Appeals.

P-122.2 (relating to Administration and Enforcement—Means of Appeal—Membership of board), before P-122.2.1, is modified as follows:

The board of appeals shall consist of ~~five members appointed by the chief appointing authority as follows: one for five years, one for four years, one for three years, one for two years, and one for one year~~ three (3) members, who shall be appointed by the Borough Council of the Borough of Alburdis at the annual reorganization meeting of the Borough Council. ~~Thereafter, each new~~ Each member ~~will~~ shall serve for ~~five years~~ a term of one (1) year, or until a successor has been appointed.

§ 32-213 Qualification for Members of the Board of Appeals.

P-122.2.1 (relating to Administration and Enforcement—Means of Appeal—Membership of board—Qualifications) is modified as follows:

~~Each member shall be a licensed professional engineer or architect, or a plumbing contractor or superintendent of plumbing systems construction with at least ten years of experience, five of which shall have been in responsible charge of work. Not more than two members shall be from the same profession or occupation and at least one professional engineer shall be a mechanical engineer or a civil engineer with mechanical engineering experience resident of the Borough of Alburtis, and a competent adult individual. In addition, the members shall preferable, but not necessarily, be either licensed professional engineers, architects, contractors, or superintendents of construction, with experience in either plumbing or mechanical engineering.~~

§ 32-214 Definition of Plumbing Fixture.

P-201.0 (relating to Definitions—Definitions of Plumbing Terms) is modified by making the following additions to the definition of “Plumbing fixture”:

Plumbing fixture: A receptacle or device which is either permanently or temporarily connected to the water distribution system of the premises, and demands a supply of water therefrom; or discharges used water, waste materials, or sewage either directly or indirectly to the *drainage system* of the premises; or requires both a water supply connection and a discharge to the *drainage system* of the premises. Plumbing appliances as a special class of fixture are further defined. Plumbing fixtures shall include, without limitation, automatic clothes washers, bathtubs, bidets, dishwashing machines, drinking fountains, emergency showers, eye wash stations, floor drains, food waste grinders, garbage can washers, garbage disposals, kitchen sinks, laundry trays, lavatories, ornamental pools, service sinks, showers, sinks, slop sinks, special fixtures, toilets, urinals, water closets, and water coolers.

§ 32-215 Additional Definitions.

P-201.0 (relating to Definitions—Definitions of Plumbing Terms) is modified by adding the following definitions:

Journeyman Plumber: Any person who shall have passed a Journeyman Plumber’s examination and qualified and registered, who is the holder of a Journeyman Plumber’s License, and who is employed as described in the definition of a Master Plumber.

License Reciprocation: A Master Plumber’s License issued by any borough, city, or township in the Commonwealth of Pennsylvania shall be accepted as proof of

qualification, and the license holder will be issued, upon payment of the license fee as per the fee schedule, a Master Plumber's License for the Borough of Alburtis. Each license shall be valid for the calendar year in which it was issued, and the full fee shall be payable, notwithstanding the actual date of issue. A Master Plumber's License may be suspended or revoked by the Plumbing Official, upon good cause shown, including but not limited to the following: (1) Permitting unauthorized or fraudulent use of the license by another; (2) Failure to file applications or certificates; (3) Performing work which fails to comply with the Plumbing Code; or (4) Fraudulent dealing or misrepresentation.

Master Plumber: Any person or employee of a proprietorship, partnership, or corporation which engages in or carries on the business of the plumbing trade, and who has the final determination and the full responsibility for the manner in which the work is done, for the materials used, and for the selection, supervision, and control of the Journeyman Plumbers and helpers employed on the work engaged in by said person or employee of a proprietorship, partnership, or corporation, and who, by passing a required examination and tests, has qualified as a competent person to be a Master Plumber. The supervisory responsibility of a Master Plumber as defined herein may be delegated by a Master Plumber to a Journeyman Plumber in his employ.

Master Plumber's License: A license issued to a Master Plumber by the Borough of Alburtis.

§ 32-216 Availability of Public System.

P-303.2 (relating to General Regulations—Connection to Public Water and Sewer System—Public systems available) is modified as follows:

A public water main or public sewer system shall be considered available to a building when the building is located within ~~{NUMBER}~~ Two Hundred (200) feet of the public water main or sewer.

§ 32-217 Protection of Pipes From Freezing.

P-308.3 (relating to General Regulations—Protection of Pipes—Freezing) is modified as follows:

Water service piping shall be installed below recorded frost penetration but not less than ~~{NUMBER} feet {NUMBER} inches~~ three feet zero inches (3' 0") below grade. In climates with freezing temperatures, plumbing piping in exterior building walls or areas subjected to freezing temperatures shall be protected against freezing by insulation or heat or both.

§ 32-218 Sewer Depth.

P-308.4 (relating to General Regulations—Protection of Pipes—Sewer depth) is modified as follows:

Building sewers that connect to private sewage disposal systems shall be a minimum of ~~{NUMBER}~~ thirty (30) inches below finished grade at the point of septic tank connection. Building sewers shall be a minimum of ~~{NUMBER}~~ thirty (30) inches below grade.

§ 32-219 Water Service Pipe.

P-402.4 (relating to Materials—Water Supply Piping System Materials—Water service pipe), before Table P-402.4, is modified as follows:

Water service pipe shall conform to one of the standards listed in Table P-402.4. All pipe or tubing, when used underground for water service and when installed outside of the building, shall have a minimum working pressure of 160 pounds per square inch (160 psi/1103 kPa) at 73.4 degrees F. (23 degrees C.). Where the water pressure exceeds 160 psi (1103 kPa), piping material shall have a minimum rated working pressure equal to the highest available pressure. ~~Plastic water service piping, when entering the building, shall terminate within 5 feet (1524 mm) inside the point of entry.~~

§ 32-220 Permitted Water Service Pipe Materials.

P-402.4 (relating to Materials—Water Supply Piping System Materials—Water service pipe), Table P-402.4, is replaced with the following new Table P-402.4:

Table P-402.4
PERMITTED WATER SERVICE PIPE MATERIALS

Material	Standard (see Appendix A)
Copper tube, Type K	ASTM B75; ASTM B88; ASTM B251
Galvanized steel pipe	ASTM A53; ASTM A120
Cast iron (ductile iron) water pipe	ASTM A377; AWWA C151

§ 32-221 Permitted Water Distribution Pipe Materials.

P-402.5 (relating to Materials—Water Supply Piping System Materials—Water distribution pipe), Table P-402.5, is replaced with the following new Table P-402.5:

Table P-402.5
WATER DISTRIBUTION PIPE

Material	Standard (see Appendix A)
Brass pipe	ASTM B43
Copper or copper alloy tubing (Types K or L, hard or soft)	ASTM B75; ASTM B88; ASTM B251; ASTM B447
Galvanized steel pipe	ASTM A53

§ 32-222 Permitted Sanitary Drainage and Vent Piping Materials for Above Ground Installation.

P-403.1 (relating to Materials—Sanitary Drainage and Vent Piping System Materials—Above ground sanitary drainage and vent pipe), Table P-403.1, is replaced with the following new Table P-403.1:

Table P-403.1
PERMITTED SANITARY DRAINAGE AND VENT PIPE MATERIALS
FOR ABOVE GROUND INSTALLATION

Material	Standard (see Appendix A)
Acrylonitrile butadiene styrene (ABS) Schedule 40 plastic pipe (See Note a) (Type DWV)	ASTM D2661; ASTM D2751; ASTM F628
Polyvinyl chloride (PVC) Schedule 40 plastic pipe (See Note a) (Type DWV)	ASTM D2665; ASTM D2949; ASTM F891
Copper or copper alloy tube (Type DWV)	ASTM B75; ASTM B88; ASTM B251; ASTM B306
Cast iron pipe, bell and spigot or no hub service weight	ASTM A74; CISPI 301

§ 32-223 Permitted Sanitary Drainage and Vent Piping Materials for Underground Installation.

P-403.2 (relating to Materials—Sanitary Drainage and Vent Piping System Materials—Underground building sanitary drainage and vent pipe), Table P-403.2, is replaced with the following new Table P-403.2:

Table P-403.2
PERMITTED SANITARY DRAINAGE AND VENT PIPE MATERIALS
FOR UNDERGROUND INSTALLATION

Material	Standard (see Appendix A)
Acrylonitrile butadiene styrene (ABS) Schedule 40 plastic pipe (See Note a) (Type DWV)	ASTM D2661; ASTM D2751; ASTM F628
Polyvinyl chloride (PVC) Schedule 40 plastic pipe (See Note a) (Type DWV, SDR26, SDR35, SDR41, PS50, or PS100)	ASTM D2665; ASTM D2949; ASTM D3034; ASTM F891
Cast iron, service weight bell and spigot	ASTM A74; CISPI 301

§ 32-224 Permitted Sanitary Drainage Piping Materials for the Building Sewer.

P-403.3 (relating to Materials—Sanitary Drainage and Vent Piping System Materials—Building sewer pipe), Table P-403.3, is replaced with the following new Table P-403.3:

Table P-403.3
PERMITTED SANITARY DRAINAGE PIPING MATERIALS
FOR THE BUILDING SEWER

Material	Standard (see Appendix A)
Acrylonitrile butadiene styrene (ABS) Schedule 40 plastic pipe (See Note a) (Type DWV)	ASTM D2661; ASTM D2751; ASTM F628
Polyvinyl chloride (PVC) Schedule 40 plastic pipe (See Note a) (Type DWV, SDR26, SDR35, SDR41, PS50, or PS100)	ASTM D2665; ASTM D2949; ASTM D3034; ASTM F891
Cast iron, service weight bell and spigot	ASTM A74; CISPI 301

§ 32-225 Connection of the Building Sewer or Lateral to Sewer Main Pipe.

P-517.0 (relating to Joints and Connections—Joints Between Pipe and Fittings of Different Material) is modified by adding the following new provisions P-517.7 and P-517.7.1:

P-517.7 Connection of the building sewer or lateral to sewer main pipe.

Connection of the sewer lateral to the sewer main shall be made with a saddle. Saddle shall be installed on the upper quadrant of the sewer main pipe. The connecting spigot or hub shall be compatible with the pipe to which it is connected.

P-517.7.1 Saddle Specifications. Body of saddle shall be gray cast iron, coated with a rust inhibitor paint, and correctly contoured for the pipe to which it is to be installed. Saddle shall contain a rubber O-ring gasket, ASTM C-361-77 or equal, cemented in place. Saddle shall have a spigot or bell inlet suitable for acceptance for the type and size of the lateral pipe to be connected. A fabricated stainless steel strap, of at least twenty-four (24) gauge thickness, 2.5" wide, and containing two (2) each 0.375 stainless steel T-bolts and nuts shall be supplied for clamping the saddle to the pipe. The saddle with coupling or gasket shall withstand at least seven pounds per square inch (7 psi) internal pressure when installed. The saddle shall be the type manufactured by The General Engineering Co.

(“GENECO”), P.O. Box 609, Frederick, Maryland 21701, as brand name *Sealtite Sewer Pipe Saddle*, per Drawing R-3409-D2, a copy of which is reproduced in Alburdis Codified Ordinances Chapter 32 Appendix J 32-H, which is incorporated into this code by reference, or equivalent.

§ 32-226 Building (House) Traps.

P-1001.7 (relating to Traps, Interceptors, Separators, and Backwater Valves—Fixture Traps—Building traps) is replaced in its entirety with the following new provisions P-1001.7 and P-1001.7.1:

P-1001.7 Building (house) traps: An approved building (house) trap shall be installed in each building (house) drain which is located below the basement floor. The building (house) trap shall be installed below the basement floor, just inside the foundation wall. There shall be a fresh air intake, for the fresh air entering the building (house) drain, installed just inside of the inlet side of the trap. Refer to the “Schematic Diagram of House Traps,” dated April 25, 1990, a copy of which is reproduced in Alburdis Codified Ordinances Chapter 32 Appendix J 32-I, which is incorporated into this code by reference. Building (house) traps may be installed in any other location only after the approval of the Plumbing Inspector.

P-1001.7.1 Type and size of house traps and air inlets: The minimum diameter of the house trap shall be the diameter of the pipe it traps, but in no case less than four (4) inches. Air inlets shall be four (4) inches in diameter for five (5) inch and six (6) inch drains, six (6) inches in diameter for eight (8) inch drains, and a minimum diameter of eight (8) inches for all larger drain sizes. Building (house) traps shall be of double hub pattern with two (2) cleanouts, one (1) on each side of the trap.

§ 32-227 Location of Building Sewer Cleanouts.

P-1101.2 (relating to Drainage Pipe Cleanouts—Where Required—Building sewers) is modified as follows:

All *building sewers* shall have *cleanouts* located not more than ~~100 feet (30480 mm)~~ 50 feet (15240 mm) apart.

§ 32-228 Size of Floor Drains.

P-1211.3 (relating to Plumbing Fixtures—Flood Drains—Size of floor drains) is modified as follows:

Floor drains shall be a minimum of 2 inches in diameter of a size to serve efficiently the purpose for which they are intended, and the floor drain trap and outlet pipe shall be a minimum of three (3) inches in nominal diameter.

§ 32-229 No Floor Drains Below Grade.

P-1211.0 (relating to Plumbing Fixtures—Flood Drains) is modified by adding the following new provision P-1211.4:

P-1211.4 Not below grade: No floor drains shall be installed, or if existing, either unplugged or otherwise made operative, in any building at or below the outside grade of the building.

§ 32-230 Floor Drains In Rooms With Urinals.

P-1218.0 (relating to Plumbing Fixtures—Urinals) is modified by adding the following new provision P-1218.5:

P-1218.5 Floor drain: An approved floor drain shall be installed in any room where a urinal is installed.

§ 32-231 Size of Water Service Pipe.

P-1502.1 (relating to Water Supply and Distribution—Water Service—Size of water service pipe) is modified as follows:

The water service pipe shall be sized to supply water to the building in the quantities and at the pressures required in this code. The minimum diameter of water service pipe shall be 3/4-inch one (1) inch from the water main to the curb stop, and from the curb stop to the water meter. Three methods for sizing the water service pipe are described in Appendix C.