

ORDINANCE FOR ADOPTION OF THE 1990
BOCA NATIONAL PLUMBING CODE, AS AMENDED

ORDINANCE NO. 1990- 275

ADOPTED APRIL 25, 1990

AN ORDINANCE ESTABLISHING THE MINIMUM REGULATIONS GOVERNING THE DESIGN, INSTALLATION AND CONSTRUCTION OF PLUMBING SYSTEMS, INCLUDING SANITARY SEWERS AND STORM DRAINAGE, SANITARY FACILITIES, WATER SUPPLIES, STORM WATER AND SEWAGE DISPOSAL IN BUILDINGS, BY PROVIDING REASONABLE SAFEGUARDS FOR SANITATION TO PROTECT THE PUBLIC HEALTH AGAINST THE HAZARDS OF INADEQUATE, DEFECTIVE OR UNSANITARY PLUMBING INSTALLATIONS; KNOWN AS THE PLUMBING CODE OF THE BOROUGH OF ALBURTIS; AND REPEALING EXISTING ORDINANCE NUMBER 199, AS AMENDED, OF THE BOROUGH OF ALBURTIS, LEHIGH COUNTY, COMMONWEALTH OF PENNSYLVANIA.

BE IT ORDAINED by the Borough Council of the Borough of Alburdis as follows:

SECTION 1. ADOPTION OF PLUMBING CODE. That a certain document, three (3) copies of which are on file in the office of the Secretary of the Borough of Alburdis, being marked and designated as "The BOCA National Plumbing Code, Eighth Edition, 1990", as published by The Building Officials and Code Administrators International, Inc., be and is hereby adopted as the Plumbing Code of the Borough of Alburdis, Lehigh County, Commonwealth of Pennsylvania; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said BOCA National

Plumbing Code are hereby referred to, adopted and made a part hereof, as if fully set out in this Ordinance, with the additions, deletions, insertions and changes, if any, as prescribed in Section 3 of this Ordinance.

SECTION 2. INCONSISTENT ORDINANCES REPEALED. That Ordinance Number 199 of the Borough of Alburtis, entitled "BOCA 1975 Plumbing", adopted November 8, 1978, as subsequently amended, and all other ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 3. ADDITIONS, DELETIONS, INSERTIONS AND CHANGES. That the following sections of said BOCA National Plumbing Code are hereby amended as follows:

ARTICLE 1 - ADMINISTRATION AND ENFORCEMENT

- a. SECTION P-100.0 GENERAL, P-100.1 TITLE: (page 1, first and second lines) INSERT "The Borough of Alburtis" for "[NAME OF JURISDICTION]".
- b. SECTION P-104.0 EXISTING USE, P-104.1 CONTINUATION: (page 2, second line) INSERT "April 25, 1990" for "[DATE OF ADOPTION OF THIS CODE]".
- c. SECTION P-114.0 FEES: (page 7)
 1. CHANGE the heading for Section P-114.0 from "FEES" to "PLUMBING PERMIT AND LICENSE FEES".
 2. P-114.2 FEE SCHEDULE: (page 8, third line) INSERT the following for "[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]":

PLUMBING PERMIT FEE SCHEDULE

All fees are payable to the Borough of Alburtis.

<u>INSTALLATION OF FIXTURE/SERVICE</u>	<u>FEE</u>
Sanitary Sewer Connections	\$10.00
Water Lateral, from curb box to water meter	10.00
Base Fee, up to and including 3 fixtures	20.00
Over 3 fixtures, fee per trap per fixture, in addition to Base Fee	4.00
For installation of appliance	10.00
Water softener	10.00
Refrigerator	10.00
Water fountain (drinking)	10.00
Bathtub	10.00
Toilet	10.00
Shower stall	10.00
Kitchen sink	10.00
Bathroom sink	10.00
Urinal	10.00
Floor drain	10.00
Domestic or commercial washer supply and drain lines	10.00
Swimming pool (in-ground)	10.00
Garbage disposal unit	10.00
Dishwasher	10.00

d. SECTION P-117.0 VIOLATIONS, P-117.3 PROSECUTION:
(page 9, first line) CHANGE "promptly" to "within five
(5) working days".

e. SECTION P-117.0 VIOLATIONS, P-117.4 PENALTIES:
(page 9, fourth, fifth and sixth lines)

1. INSERT "summary offense" for "[DESIGNATE
OFFENSE]".
2. CHANGE "fine" to "civil penalty".
3. INSERT "One Thousand (\$1,000.00) Dollars"
for "[DESIGNATE AMOUNT]".

4. DELETE "or by imprisonment not exceeding [DESIGNATE TIME], or both such fine and imprisonment."

f. SECTION P-118.0 STOP WORK ORDER, P-118.2 UNLAWFUL CONTINUANCE: (page 10, first and second lines)

1. CHANGE "fine" to "civil penalty".

2. INSERT "One Hundred (\$100.00) Dollars" for the "[DESIGNATE AMOUNT]" in the first line.

3. INSERT "One Thousand (\$1,000.00) Dollars" for the "[DESIGNATE AMOUNT]" in the second line.

ARTICLE 3 - GENERAL REGULATIONS

g. SECTION P-303.0 CONNECTION TO PUBLIC WATER AND SEWER SYSTEM, P-303.2 PUBLIC SYSTEMS AVAILABLE: (page 26, third line) INSERT "Two Hundred (200)" feet for within "[NUMBER]" feet of the public water main or sewer.

h. SECTION P-308.0 PROTECTION OF PIPES, P-308.3 FREEZING: (page 27, second line) INSERT "three (3) feet zero (0) inches" for "[NUMBER] feet [NUMBER] inches" below grade.

i. SECTION P-308.0 PROTECTION OF PIPES, P-308.4 SEWER DEPTH: (page 27, second and third lines) INSERT "thirty (30)" for "[NUMBER]" inches below grade at both locations.

ARTICLE 1 - ADMINISTRATION AND ENFORCEMENT

j. SECTION P-109.0 CODE OFFICIAL, P-109.1 GENERAL:
(page 4, first and second lines) CHANGE this Section to
the following:

P-109.1 GENERAL: The position of Plumbing
Inspector is hereby created and the Plumbing Inspector
shall be designated the code official for the purposes of
this Code.

k. SECTION P-109.0 CODE OFFICIAL, P-109.2
APPOINTMENT: (page 4, first, second and fourth lines)
CHANGE this Section to the following:

P-109.2 APPOINTMENT: The Plumbing Inspector
shall be appointed by the Borough Council of the Borough
of Alburdis. 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 Borough Council of the Borough of Alburdis.

l. SECTION P-111.0 APPLICATION FOR PERMIT, P-111.3
BY WHOM APPLICATION IS MADE: (page 5, first and second
lines) CHANGE the first sentence to the following:

P-111.3 BY WHOM APPLICATION IS MADE:
Application for a plumbing permit shall be made by a

Master Plumber who engages in or carries on the business of installing all or part of any plumbing system.

m. SECTION P-122.0 MEANS OF APPEAL, P-122.2 MEMBERSHIP OF BOARD: (page 10, first through fifth lines) CHANGE this Section to read as follows:

"The Board of Appeals shall consist of three (3) members, who shall be appointed by the Borough Council of the Borough of Alburtis at the annual reorganization meeting of the Borough Council. Each member shall serve for a term of one (1) year, or until a successor has been appointed."

n. P-122.2.1 QUALIFICATIONS: (page 11) CHANGE this Section to read as follows:

"Each member shall be a resident of the Borough of Alburtis, and a competent adult individual. In addition, the members shall preferably, but not necessarily, be either licensed professional engineers, architects, contractors or superintendents of construction, with experience in either plumbing or mechanical engineering."

ARTICLE 2 - DEFINITIONS

o. SECTION P-201.0 DEFINITIONS OF PLUMBING TERMS ADD the following definitions to this Section, in alphabetical order: (page 19)

"JOURNEYMAN PLUMBER" shall mean 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" shall mean that 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" shall mean 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" shall mean a license issued to a Master Plumber by the Borough of Alburdis.

ARTICLE 4 - MATERIALS

p. SECTION P-402.0 WATER SUPPLY PIPING SYSTEM MATERIALS, P-402.4 WATER SERVICE PIPE: (pages 29 and 30, seventh and eighth lines) DELETE "Plastic water service piping, when entering the building, shall terminate within 5 feet (1524 mm) inside the point of entry."

q. DELETE Table P-402.3 WATER SERVICE PIPE (page 30). INSERT in its place the following:

TABLE P-402.3 PERMITTED WATER SERVICE MATERIALS

<u>Material</u>	<u>Standard (See Appendix A)</u>
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

r. SECTION P-403.0 SANITARY DRAINAGE AND VENT PIPING SYSTEM MATERIALS: DELETE Table P-403.1 ABOVE

GROUND DRAINAGE AND VENT PIPE (page 31). INSERT in its place the following:

TABLE P-403.1 PERMITTED SANITARY DRAINAGE AND VENT PIPING MATERIALS FOR ABOVE-GROUND INSTALLATION

<u>Material</u>	<u>Standard (See Appendix A)</u>
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

s. DELETE Table P-403.2 UNDERGROUND BUILDING

DRAINAGE AND VENT PIPE (page 31) INSERT in its place the following:

TABLE P-403.2 PERMITTED SANITARY DRAINAGE AND VENT PIPING MATERIALS FOR UNDERGROUND INSTALLATION

<u>Material</u>	<u>Standard (See Appendix A)</u>
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

t. DELETE Table P-403.3 BUILDING SEWER PIPE, except that "Note a" shall remain (page 31). INSERT in its place the following:

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

<u>Material</u>	<u>Standard (See Appendix A)</u>
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

ARTICLE 5 - JOINTS AND CONNECTIONS

u. SECTION P-517.0 JOINTS BETWEEN PIPE AND FITTINGS OF DIFFERENT MATERIAL: ADD the following Section: (page 43)

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.

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 attached and made a part hereof, or equivalent.

ARTICLE 10 - TRAPS, INTERCEPTORS, SEPARATORS, AND BACKWATER VALVES

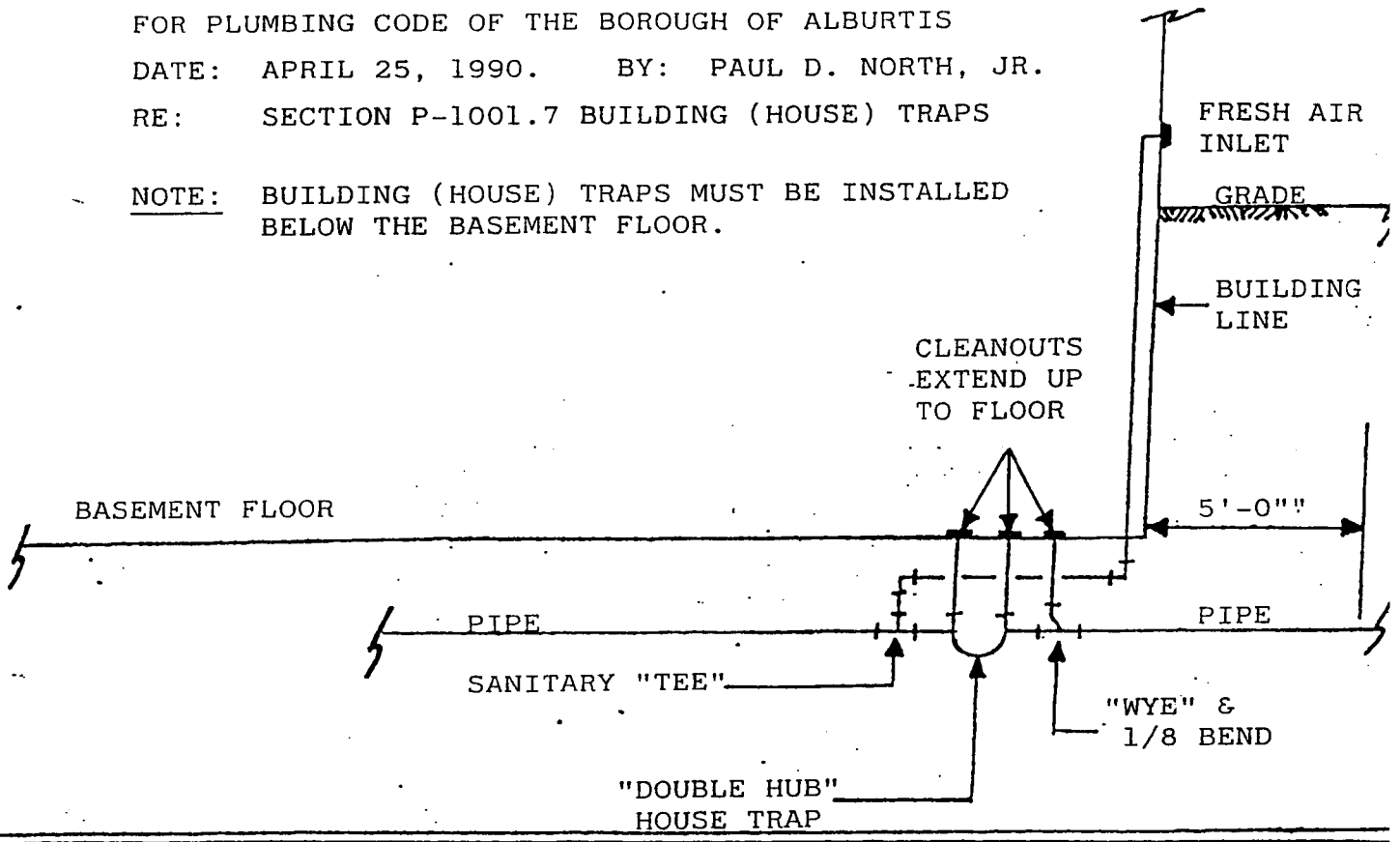
v. SECTION P-1001.0 FIXTURE TRAPS DELETE P-1001.7 BUILDING TRAPS: (page 72) INSERT in its place the following:

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

SCHEMATIC DIAGRAM OF HOUSE TRAP

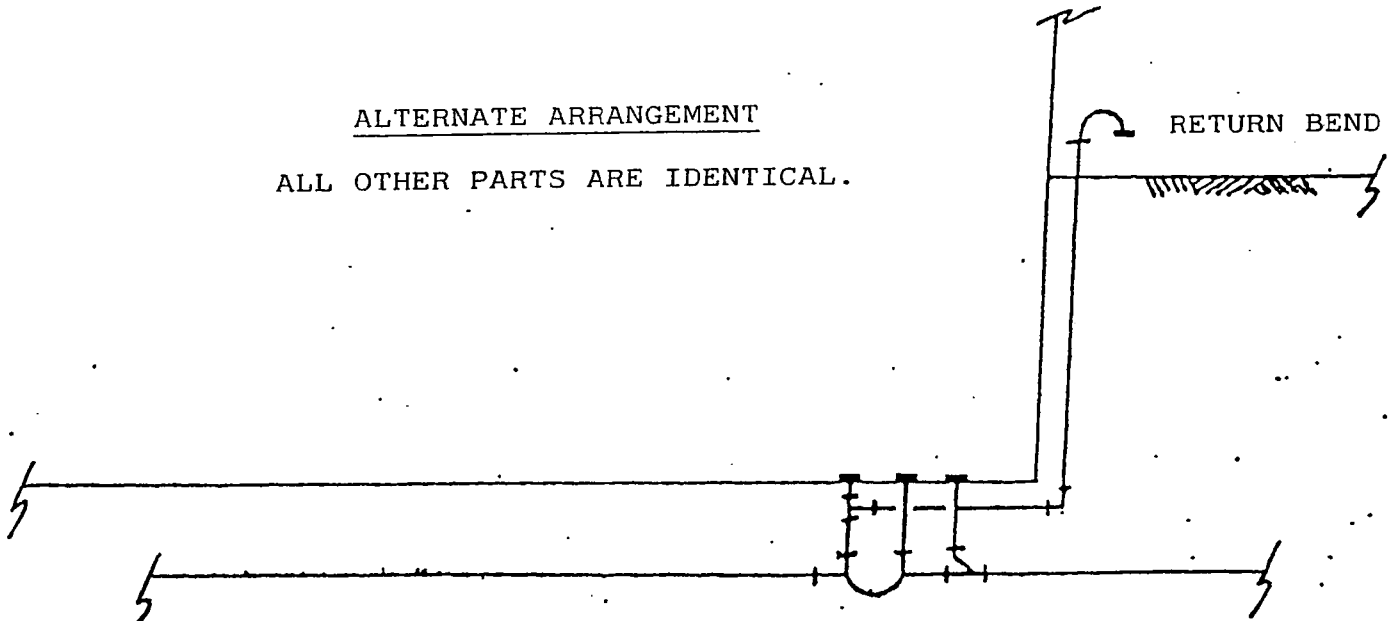
FOR PLUMBING CODE OF THE BOROUGH OF ALBURTIS
DATE: APRIL 25, 1990. BY: PAUL D. NORTH, JR.
RE: SECTION P-1001.7 BUILDING (HOUSE) TRAPS

NOTE: BUILDING (HOUSE) TRAPS MUST BE INSTALLED
BELOW THE BASEMENT FLOOR.



ALTERNATE ARRANGEMENT

ALL OTHER PARTS ARE IDENTICAL.



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 attached "Schematic Diagram of House Traps", dated April 25, 1990, which is made a part hereof. 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.

ARTICLE 11 - DRAINAGE PIPE CLEANOUTS

w. SECTION P-1101.0 WHERE REQUIRED, P-1101.2 BUILDING SEWERS: (page 75, second line) CHANGE "located not more than 100 feet (30480 mm) apart" to "located not more than 50 feet (15240 mm) apart."

ARTICLE 12 - PLUMBING FIXTURES

x. SECTION P-1211.0 FLOOR DRAINS: DELETE Section P-1211.3 SIZE OF FLOOR DRAINS (page 86). INSERT in its place the following:

SECTION P-1211.3 SIZE OF FLOOR DRAINS: Floor drains shall be 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 three (3) inches in nominal diameter.

y. ADD the following: (page 86)

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.

z. SECTION P-1218.0 URINALS: ADD the following:
(page 89)

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

SECTION 4. SAVING CLAUSE. That nothing in this Ordinance or in the Plumbing Code hereby adopted shall be construed to affect any suit or proceeding pending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 2 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

SECTION 5. DATE OF EFFECT. That the Secretary of the Borough of Alburdis shall certify to the adoption of this Ordinance and cause the same to be published as required by law; and this Ordinance shall take full force and effect five (5) days after this date of final passage and approval.

DULY ENACTED AND ORDAINED this 25 day of April, 1990, by the Borough Council of the Borough of Alburdis, Lehigh County, Pennsylvania, in lawful session duly assembled.

ATTEST:

Louise Staub
LOUISE STAUB, Secretary

BOROUGH OF ALBURDIS
BOROUGH COUNCIL

BY: Carleton R. Raines
CARLETON R. RAINES, President

AND NOW, this 25 day of April, 1990, the above-referenced ORDINANCE has been approved.

Ronald DeIaco
RONALD DeIACO, Mayor