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AN ORDINANCE OF THE BOROUGH OF MONROEVILLE
AMENDING THE BUILDING CODE AND THE FIRE PREVENTION CODE

BE IT ORDAINED AND ENACTED by the Borough of Monroeville, in Council assembled, as follows:

Section 1. Ordinance No. 684 and 685 which adopted the BOCA Basic Building Code and BOCA Basic Fire Prevention Code are hereby amended by the adoption of all supplements now or hereafter published to these Codes.

Section 2. Article 6, Section 620.1 of the BOCA Basic Building Code is amended to read as follows:

"620.1 Where Required: All required exitways shall be smoke-proof enclosures in buildings over six (6) stories or seventy-five (75) feet in height when of one of the following use groups:

1. Use Group C (mercantile)
2. Use Group D (industrial)
3. Use Group E (business)
4. Use Groups F-2, F-3, F-4, F-5 (assembly buildings other than theaters)
5. Use Group H (institutional)
6. Use Group L-1 (hotel, dormitory)

Section 3. Article 12 of the BOCA Basic Building Code is amended by the addition of the following sections:

SECTION 1221.0 ON SITE WATER DISTRIBUTION FOR FIRE PROTECTION

The Fire Official shall review all plans for proposed new construction. He shall determine by national standards, as listed in Appendix A to this Ordinance, the following:

1. Location of underground water distribution system to serve the proposed structure or structures.
2. Location of all fire hydrants, and/or fire protection devices requiring water for fire fighting and life safety for the proposed structure, and locations for such required devices on the water distribution system.
3. The diameter of water distribution system pipes, primary feeders, secondary feeders and distributors for fire protection.

SECTION 1222.0 MONITORED FIRE PROTECTION VENTILATION

The fire protection for new structures with exterior wall conditions, one or more stories in height, not including basements, sub-basements, garages, penthouse, loft, or attics, measuring 10,000 square feet or more in floor area per floor shall be required to install Monitor fire and smoke ventilating devices as described by National Fire Protection

Standard "National Fire Code", Volume 4, "Guide for Smoke and Heat Venting" Number 204; Section 201 (a); with certain boards (draft curtains), as described by National Fire Protection Standards, "National Fire Codes", Volume 4, "Guide for Smoke and Heat Venting", Number 204, Section 300.

Section 1222.1 Monitor Ventilator Spacing: The spacing for Monitor ventilating devices shall be not less than one device for each 10,000 square feet of floor area.

Section 1222.2 Monitor Ventilator Construction: The required Monitor ventilator shall be constructed as to be opened automatically by fuseable link, heat detector, or smoke detector devices. In no instance shall ordinance glass be considered as a suitable automatic fuseable device for this use.

Section 1222.3 Monitor Ventilator Maintenance: The required Monitor ventilating device shall be maintained in accordance with National Fire Protection "National Fire Codes", Volume 4, "Guide for Smoke and Heat Venting", Number 204, Section 400.

SECTION 1223.0 FIRE EQUIPMENT SUB-STATIONS

For new and existing buildings five stories (5) or higher or fifty (50) feet or higher shall provide the following fire equipment and fire sub-station storage area.

1. At least three (3) self-contained units of breathing apparatus as set forth by standards of the Municipal Fire Services in the municipality.
2. At least two (2) pick-head fire axes as set forth by the Standards of the Municipal Fire Service in the municipality.
3. At least two hundred (200) feet of double jacket rubber lined fire hose as set forth by the Standards of the Municipal Fire Service.
4. At least two (2) combination fog nozzles 2-1/2 inch diameter as set forth by the Standards of the Municipal Fire Service of the municipality.
5. At least three (3) fire service hand lanterns as set forth by the Standards of the Municipal Fire Service of the municipality.
6. At least one (1) forcible entry device as set forth by the Standards of the Municipal Fire Service of the municipality.

Section 1223.1 Location and Number of Fire Equipment Stations for New and Existing Buildings Five (5) Stories or Higher: All new or existing buildings five stories (5) or higher or fifty (50) feet or higher shall provide fire equipment and fire sub-station storage areas at the rate of one (1) fire sub-station for every three (3) stories over four (4) stories. All fire equipment sub-stations shall be located as to give access to stairway doors.

ADOPTED this 13th day of March, 1973.

BOROUGH OF MONROEVILLE

By S/ George C. Dale
President of Council

ATTEST:

S/ Marshall W. Bond
Acting Secretary

APPROVED this 14th day of March, 1973.

S/ John J. Duncan
Mayor

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1. N. F. P. A. No. 291 "Fire Hydrants, Uniform Markings" 1935
2. A. W. W. A. C502
3. Manual of Water Works Practice.
4. "Standard Schedule for Grading Cities and Towns of the United States with reference to their Fire Defenses and Physical Condition". Edition of 1956 with 1964 amendments.
5. N. F. P. A. #14 "Standards for the Installation of Standpipe and Hose Systems". 1968.
6. N. F. P. A. #24 "Standard for Outside Protection". 1968
7. N. F. P. A. #26 "Standard for the Supervision and Care of Valves Controlling Water supplies for Fire Protection". 1958
8. Underwriters Laboratory Incorporated U.L.I. Standard No. 246, 1967 "Hydrants for Fire Protection".
9. U. L. I. Standard #262, 1966 "Gate Values for Fire Protection".
10. U. L. I. Standard No. 789 - 1966 "Indicator Posts for Fire Protection Service".
11. U. L. I. Standard No. 763 "Alarm Accessories for Automatic Water Supply Control Valves for Fire Protection.
12. A. W. W. A. U3, U. S. A. S. A21.50-1965 "Standard for the Thickness Design of Ductile - Iron Pipe".
13. A. W. W. A. C151, U. S. A. S. A21.51 - 1965 "Standard for Ductile - Iron Pipe, Centrifugally Cast in Metal Molds, for Water or Other Liquids".
14. N. F. P. A. No. 22 "Standard for the Construction and Installation of Water Tanks for Private Fire Protection Service". 1967
15. A. S. H. E. "Broiler and Pressure Vessel Code" and all addendum.
16. N. F. P. A. No. 20, "Standard for the Installation of Centrifugal Fire Pumps". 1968
17. N. F. P. A. No. 13, "Standard for the Installation of Automatic Sprinkler Systems". 1968
18. N. F. P. A. No. 15, "Standard for Water Spray Systems for Fire Protection". 1962
19. N. F. P. A. No. 16, "Standard for Foam-Water Sprinkler System and Foam-Water Spray Systems". 1962

20. N. F. P. A. No. 21 "Standard for the Operation and Maintenance of National Standard Steam Fire Pumps". 1963
21. N. F. P. A. No. 22 "Standard for Water Tanks for Private Fire Protection". 1967
22. Borough of Monroeville Fire Department Standards.