

ORDINANCE NO. 323B

POSTED
7-25-89
John A. Ward
Town Clerk
Town of Coupeville

An ordinance relating to the Fire Code, amending and providing for the enforcement of minimum fire protection features which must be built into new buildings, and amending the Uniform Fire Code 1988 edition section 10.306 and Article 14 in part.

Be it ordained by the Council of the Town of Coupeville as follows:

Section One: Fire Flow Requirements for Buildings.

- (a) Scope - This is the procedure for determining fire flow requirements for all buildings or portions of buildings. The fire flow requirement is the quantity of water in gallons per minute needed to control an anticipated fire in a building or group of buildings. When determining fire flow, the minimum residual pressure shall be 20 p.s.i. and the flow duration shall be 2 hours.
- (b) Fire flow may be modified upward due to contents or where conditions indicate an unusual susceptibility to group fire or conflagrations. An upward modification shall not be more than twice that required for the buildings under consideration.
- (c) The minimum fire flow requirements for subdivisions, short subdivisions, planned unit developments, and mobile home parks and subdivisions as defined in The Town of Coupeville Development Regulations, consisting of one-family and small two-family dwellings not exceeding 2 stories in height shall be not less than that specified in table no. 1 below.

Table No. 1

Exposure distance	Minimum Required Fire Flow
Over 100 ft.	500 g.p.m.
31 ft.-100 ft.	750 g.p.m.
11 ft.-30 ft.	1000 g.p.m.
10 ft. or less	1500 g.p.m.
Continuous buildings	2500 g.p.m.

Exception: See (g)

- (d) Fire flow for buildings other than one and two family dwellings with a floor area up to 3600 square feet shall have a minimum fire flow not less than 1500 gallons per minute.

Exception: See (g)

- (e) All other buildings may use the Insurance Services Office Guide for Determination of Required Fire Flow as an estimate of the fire flow required but fire flows shall not be less than 1500 gallons per minute.

Exception: See (g)

- (f) Where wood shingle roofs could contribute to spreading fires, 500 gallons per minute will be added to required fire flows.

- (g) Required fire flows may be reduced by up to 50% for complete automatic sprinkler protection.

Section Two: Automatic Fire Sprinkler Requirements.

- (a) Scope : This section provides the minimum fire protection requirements of buildings as defined by occupancy and building size.
- (b) Purpose: The purpose of this section is to provide a reasonable degree of protection for life and property from fire through the installation of sprinkler systems based upon test data and field experience.

follows:

- (c) An automatic fire sprinkler system shall be installed in the following occupancies referencing the National Fire Protection Standards for design and installation requirements for an acceptable minimum automatic fire sprinkler system.
- (1) All group R division 1 occupancies with over four *HOTELS +* residential units. Residential or quick-response *APARTMENT* standard sprinkler heads shall be used in the dwelling *HOUSES* and guest room portions of the building.
 - (2) All group A division 1 occupancies. *ASSEMBLY BUILDING 1000 + PERSONS WITH STAGE*
 - (3) All group A division 2 occupancies. *" " LESS THAN 1000 WITH STAGE*
 - (4) All group A division 2.1 occupancies. *" " 300 OR MORE WITHOUT STAGE*
 - (5) Single or multi-story buildings which exceed five thousand (5,000) square feet gross floor area.

Exception: One and two family dwellings.

- (6) Buildings which exceed thirty-five (35) feet in height.
- (7) Basements in excess of fifteen hundred (1500) square feet gross floor area.

Exception 1: One and two family dwellings.

Exception 2: Basement is not used for any purpose other than building systems and is separated from the floor above by a minimum one hour fire resistive separation.

- (8) Other requirements for automatic fire extinguishing systems as specified in section 10.306 of the Uniform Fire Code 1988 edition apply.

Section Three: Fire Alarm System Requirements.

- (a) Scope: this section provides the minimum fire alarm requirements of buildings as defined by occupancy and building size.
- (b) Purpose: The purpose of this section is to provide a reasonable degree of protection for life from fire

initiation of occupant exiting.

Article 14 of the Uniform Fire Code 1988 edition is amended in part as follows.

(c) The following shall be equipped, as a minimum, with a local automatic fire alarm system that shall alert all occupants of the building when fire is detected.

(1) All group A division 3 occupancies.

(2) All group E occupancies.

(3) All group I occupancies.

(4) All group R occupancies with over four residential units

(5) All group B division 2 occupancies over 5000 square feet floor area.

(6) All mixed occupancy buildings with residential areas.

(7) Other requirements for fire alarm systems as specified

in Article 14 of the Uniform Fire Code 1988 Edition apply. Section Four: Emergency Lighting. All buildings with an occupant load of fifty or more shall have emergency lighting installed in accordance with the National Fire Protection Association Standard No. 101 (1988 Edition).

Section Five: Conflicting Ordinances. If conflicts arise because of requirements based on building size, on occupancy, or on other provisions of the Fire or Building Code, or other adopted ordinances of the Town, the more restrictive requirements shall apply.

Section Six: Severability. If any provision of this ordinance or its application to any person or circumstance is held invalid, the remainder of the ordinance or the application of the provision to other persons or circumstances is not affected.

Section Seven: Date of Effect. This ordinance shall be in full force and effect upon passage and posting as required by law.

PASSED by the Town Council and APPROVED by its Mayor this 24th day
of July, 1989.

THE TOWN OF COUPEVILLE

By: Peter J. Coyne
Mayor

ATTEST:

Doris A. Ward
Treasurer-Clerk

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