

ORDINANCE NO. 5283

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF MESA, MARICOPA COUNTY, ARIZONA, REPLACING SECTIONS 503.1.1, 903.2.6, AND APPENDIX B OF THE FIRE CODE, AS SET FORTH IN TITLE 7, CHAPTER 2, SECTION 2 OF THE MESA CITY CODE, ENTITLED "FIRE CODE."

SECTION 1: That Section 5.3.1.1 of the Fire Code, as set forth in Title 7, Chapter 2, Section 2 of the Mesa City Code, is hereby replace in its entirety as follows:

503.1.1 Buildings and facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility. ~~The fire access roadway may extend up to 300 feet (91440mm) of all portions of any building that is protected with an automatic fire sprinkler system in accordance with Section 903.3 of this code.~~

~~Exceptions: The fire code official is authorized to increase the dimension of 150 feet (45720 mm) where:~~

- ~~1. The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3. The fire access roadway may extend up to 300 feet (91440mm) of all portions of any building that is protected with an automatic fire sprinkler system in accordance with Section 903.3 of this code.~~
- ~~2.1.2 The fire code official is authorized to increase the dimension of 150 feet (45720 mm) where fire Fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.~~
- ~~3.3. There are not more than two Group R-3 or Group U occupancies. The fire code official is authorized to increase the distance between the fire access roadway and the facility, building or portion of a building by alternative means as prescribed in sections 104.6.4 through 104.9 of the Fire Code.~~
- ~~4.2. Fire apparatus access roads are not required for detached, unoccupied telecommunications buildings, which do not exceed 500 square feet in size.~~
- ~~5. Fire apparatus roads are not required for One and Two Family Group R3/R5 dwellings that comply with all of the following:~~

5.1 The dwelling shall not exceed 5000 square feet of conditioned space as defined by the Mesa Energy Conservation Code.

5.2 The dwelling must have a minimum lot frontage of 50 feet on a fire apparatus access road complying with section 503 of the Fire Code.

5.3 The dwelling shall not be located in a residential development taking advantage of section 508.3.3 for reduced fire flow.

6. Fire apparatus access roads are not required for accessory structures of Group U occupancy located on one and two family lots.

SECTION 2: That Section 903.2.6 of the Fire Code, as set forth in Title 7, Chapter 2, Section 2 of the Mesa City Code, is hereby replaced in its entirety, as follows:

903.2.6 Additions. All additions to existing buildings or structures that are expanded by an addition(s) shall be provided with an automatic fire protection system complying with Section 903.3 as applicable.

Exceptions:

1. Existing non-sprinklered R-3 and R-5 occupancies complying with the Mesa Residential Code, but not including residential care facilities.

1.1 R3 and R5 occupancies that increases conditioned space to greater than 5000 square feet shall show compliance with 503.1.1 of the fire code.

2. An existing non-sprinklered building or structure and additions to such existing building, provided the occupancy of the existing building is not changed, the addition is the same occupancy, and the total area of all such additions to the building do not exceed the allowable tabular amounts in Table 903.2.6.

These exceptions do not relieve the building from other Mesa City Code requirements.

Table 903.2.6
Allowed Building Additions

<u>Existing Building Area</u>	<u>1-1,999 sq. ft.</u>	<u>2,000-3,333 sq. ft.</u>	<u>3,334-4,000 sq. ft.</u>	<u>>4,000 sq. ft.</u>
<u>Maximum Aggregate Addition Area – All occupancies, except B, including outpatient clinics</u>	<u>1,000 sq. ft.</u>	<u>Up to 50% of the existing building area.</u>	<u>1,666 –1,000 sq. ft. to no more than 5,000 sq. ft. total building area.</u>	<u>1,000 sq. ft.</u>

<u>Maximum Aggregate Addition Area – B occupancies, not including outpatient clinics</u>	<u>Maximum total aggregate building area including all additions = 5,000 sq. ft.</u>
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The above exceptions do not supersede other requirements of this Chapter or the Mesa Building Code.

SECTION 3: That Appendix B to the Fire Code, as set forth in Title 7, Chapter 2, Section 2 of the Mesa City Code, is hereby replaced in its entirety, as follows:

Appendix B

(V) APPENDIX B FIRE-FLOW REQUIREMENTS FOR BUILDINGS

(1) Revise the following:

B105.1 One- and two-family dwellings. The minimum fire-flow and flow duration requirements for one- and two-family dwellings having a fire-flow calculation area which does not exceed 3,600 square feet (344.5 m²) shall be 1,000 gallons per minute (3785.4L/min) for a duration of two hours. Fire-flow and flow duration for dwellings having a fire-flow calculation area in excess of 3,600 square feet (344.5 m²) shall not be less than that specified in Table B105.1.

Exception: A reduction in required fire flow of 50 percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system.

B105.2 Buildings other than one- and two-family dwellings. The minimum fire-flow and flow duration for buildings other than one- and two-family dwellings shall be as specified in Table B105.1.

Exception: A reduction in required fire-flow of 50 ~~up to 75~~ percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (5678 L/min) for the prescribed duration as specified in Table B105.1.

(2) Revise the following:

Table B105.1

Footnotes:

- a. The minimum required fire flow shall be allowed to be reduced by 25 percent for Group R3/R5 occupancies.

b. Types of construction are based on the Mesa Building Code *International Building Code*.

c. Measured at 20 psi.

SECTION 4: That the Mesa City Code, as amended, will remain in full force and effect, save and except as amended by this Ordinance.

SECTION 5: That the terms and provisions of this Ordinance are severable and if any section, subsection, sentence, clause, phrase or portion of this Ordinance, or any part of the Mesa City Code adopted herein by reference, is for any reason held to be invalid, unenforceable or unconstitutional by a court of competent jurisdiction, the remaining provisions of this Ordinance shall remain in effect.

PASSED AND ADOPTED by the City Council of the City of Mesa, Maricopa County, Arizona, this 4th day of May, 2015.



APPROVED:



Mayor

ATTEST:



City Clerk