

CHAPTER 5

FIRE SERVICE FEATURES

501.1 Scope. Fire service features for buildings, structures and premises shall comply with this chapter. See also ORS 92.044, 203, 221, 195.065, 368.039, 478.920, OAR 918-480-0100 and Oregon State Fire Marshal Interpretation #94-02.

ORS Chapters 92.044, 203, 221, 368.039, 195.065 and 478.920 and OAR Chapter 918 are not a part of this code but are reproduced or paraphrased here for the reader's convenience.

ORS 92.044. Adoption of standards and procedures governing approval of plats and plans; delegation to planning commission; fees.

ORS 203. County Bodies; County Home Rule.

ORS 221. Organization and Government of Cities.

ORS 368.039. Allows road standards adopted by local government to supercede standards in fire codes and requires consultation with local fire agency.

ORS 195.065. Requires local governments and special districts that provide urban service to enter into urban service agreements. For the purpose of this statute, "urban service" means: sanitary sewers, water, fire protection, parks, open space, recreation and streets, roads and mass transit.

ORS 478.920. Describes elements that may be included in the scope of a fire prevention code adopted by a rural fire protection district, including but not limited to: mobile fire apparatus means of approach to buildings and structures, and providing firefighting water supplies and fire detection and suppression apparatus adequate for the protection of buildings and structures.

OAR 918-480-0100. Describes the procedure for approving the installation of automatic fire sprinklers where fire apparatus access or firefighting water supply do not meet local standards.

ORS 479.200. Regulates water supply requirements for certain public buildings erected after July 1, 1967, as defined in ORS 479.010(1)(1).

OSFM Interpretation #94-02 recommends methods for calculating water supply requirements based on local conditions or ISO grading using Appendix B or NFPA 1142.

502.1 Definitions.

FIRE APPARATUS ACCESS ROAD. A road that provides fire apparatus access from a fire station to a facility, building or portion thereof. This is a general term inclusive of all other terms such as fire lane, public street, private street, parking lot lane and access roadway.

NOTE: Specifications and standards for public streets are regulated by county or city governing bodies in accordance with ORS 368.039 wherein input from the fire service is required during planning for community development projects.

503.1 Where required. Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3. **See Appendix D.**

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.

Exception: The fire code official is authorized to ~~increase the dimension of 150 feet (45 720 mm)~~ **modify Sections 503.1 and 503.2** where **any of the following applies:**

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.
2. Fire apparatus access roads cannot be installed because of location on property, topography, water ways, nonnegotiable grades or other similar conditions, and an approved alternate means of fire protection is approved.
3. There are not more than two Group R-3 or Group U occupancies.

503.2.2 Authority. The fire code official shall have the authority to ~~require an increase in the minimum access widths where they are inadequate for fire or rescue operations~~ **modify the dimension specified in Section 503.2.1.**

508.3 Fire flow. Fire flow requirements for buildings or portions of buildings and facilities shall be determined by an approved method. **See Appendix B.**

508.5 Fire hydrant systems. Fire hydrant systems shall comply with Section 508.5.1 through 508.5.6. **See Appendix C.**

508.5.5 Clear space around hydrants. A 3 foot (914 mm) clear space shall be maintained around the circumference of fire hydrants except as otherwise required or approved.

ORS 811.550(16) is not a part of this code but is reproduced or paraphrased here for the reader's convenience.

ORS 811.550(16) prohibits parking within 10 feet (3048 mm) of a fire hydrant.

OAR 860-024-0010 is not a part of this code but is reproduced or paraphrased here for the reader's convenience.

ORS 860-024-0010 is an Oregon Public Utility Commission rule that adopts the National Electrical Safety Code (NESC). The NESC contains rules that limit the placement of a fire hydrant a minimum of 4 feet (1219 mm) from any supporting structure for electrical equipment such as transformers and poles.