

ORDINANCE NO. 1662

AN ORDINANCE OF THE CITY OF DES MOINES, WASHINGTON relating to buildings and construction; and adding new fire, life safety and design standards for high capacity transit facilities and making other fire safety code changes to Title 14 DMMC, entitled *Buildings and Construction*.

WHEREAS, the City has been working with Sound Transit and other Federal Way Link Extension corridor cities on common design standards for the fixed guideway transit system, and the cities are in agreement with Sound Transit and their respective fire marshals that a common national standard, National Fire Protection Association (NFPA) 130, is the standard which should specify fire protection and life safety requirements for underground, surface, and elevated fixed guideway transit and passenger rail systems in the FWLE, and

WHEREAS, the South King Fire Marshal has also requested the City consider three other fire code changes to better align the DMMC with South King Fire's policies and fire safety best practices, and

WHEREAS, the City Council finds that it is in the best interest of the public health, safety, and general welfare to establish comprehensive, uniform, and current high capacity transit design standards and improved fire safety standards for the City's Buildings and Construction Code; now therefore,

THE CITY COUNCIL OF THE CITY OF DES MOINES ORDAINS AS FOLLOWS:

Sec. 1. DMMC 14.01.050, *Adoption by reference*, and Section 6 of Ordinance No. 1581 are each amended to read as follows:

14.01.050. Adoption by reference. The following codes, standards, rules, and regulations, as amended, added to, or excepted in this Title, are adopted by reference pursuant to chapter 19.27 RCW and RCW 35.21.180 as presently constituted or as may be subsequently amended, added to, or excepted as though fully set forth in this Title:

(1) Chapter 51-11C WAC - International Energy Conservation Code (IECC), Commercial;

(2) Chapter 51-11R WAC - International Energy Conservation Code (IECC), Residential;

(3) Chapter 51-50 WAC - International Building Code (IBC);

(4) Chapter 51-51 WAC - International Residential Code (IRC);

(5) Chapter 51-52 WAC - International Mechanical Code;

(6) Chapter 51-54A WAC - the International Fire Code (IFC), including the Appendices B, C, E, F and I, except that Appendix B is hereby amended as follows:

Section B105.2 Buildings other than one- and two-family dwellings is replaced as follows:

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 IFC Table B105.1(2).

Exception: A reduction in required fire flow of up to 50 percent, as approved, is allowed when the building is protected throughout with an automatic fire sprinkler system installed in accordance with NFPA 13 or NFPA 13R. The resulting fire flow shall not be less than 1,500 gallons per minute (5,678 L/min) for the prescribed duration as specified in Table B105.1(2).

Table B105.2 is deleted.

(7) Chapter 51-56 WAC - Uniform Plumbing Code;

(8) The Washington Cities Electrical Code as published and printed by the Washington Association of Building Officials.

(9) The design of HCT stations and associated facilities, including elevated structures, shall conform to the most current versions of all applicable sections of the building code, fire code, and National Fire Protection Standards No. 130 (NFPA 130). Conflicts among these codes shall be resolved in favor of the NFPA 130 or as otherwise approved by the fire marshal and building official.

Not less than one copy of each such code, standards, rules, and regulations, in the form in which it was adopted, and suitably marked to indicate amendments, additions, deletions and exceptions as provided in this Title, shall be filed in the Building Official's office and be available for use and examination by the public.

Sec. 2. DMMC 14.10.040, *Fire Code Amendments adopted*, and section 46 of Ordinance No. 1581 are each amended to read as follows:

14.10.040 Amendments adopted. The amendments, additions and exceptions to the IFC, as adopted by DMMC 14.01.050 and this chapter, are adopted and shall be applicable within the City.

2015 IFC Section 503 *Fire Apparatus Access Roads* is adopted by reference.

Sec. 3. DMMC 14.10.060, *Sprinkler installation*, and Section 48 of Ordinance No. 1581 are each amended to read as follows:

14.10.060 Sprinkler installation.

Fire sprinkler systems shall be installed:

In addition to the automatic sprinkler system requirements specified in the IBC and the IFC, the

following new buildings and structures, and existing buildings with new additional square footage, are required to be protected by an approved automatic sprinkler system.

(1) All occupancies without the basic fire flow requirements of the IFC and appendix.

Exception: Group U occupancies.

(2) All occupancies without approved Fire Department access as defined in the IFC. Exception: Group U occupancies, and additions to single unit R3 structures, are not required to be sprinklered, provided the new fire flow meets the requirements of the IFC and Appendix B, and the access is not unduly compromised, as approved by the Fire Code Official.

(3) In all occupancies, other than group R3 and U, where the total floor area included within the surrounding exterior walls on all floor levels, including basements, exceeds 5,000 square feet. Fire walls, as noted in the IBC, shall not be considered to be a separate building to enable deletion of the required fire sprinkler system.

Exception: Additions to existing buildings, that through alternate materials or methods do not increase the hazards of the building, as agreed and approved by the Building Official and the Fire Code Official.

Sec. 4. Severability - Construction.

(1) If a section, subsection, paragraph, sentence, clause, or phrase of this Ordinance is declared unconstitutional or invalid for any reason by any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance.

(2) If the provisions of this Ordinance are found to be inconsistent with other provisions of the Des Moines Municipal Code, this Ordinance is deemed to control.

Sec. 5. Effective date. This Ordinance shall take effect and be in full force thirty (30) days after its final approval by the Des Moines City Council in accordance with law.

PASSED BY the City Council of the City of Des Moines this 13th day of October, 2016 and signed in authentication thereof this 13th day of October, 2016.


M A Y O R

APPROVED AS TO FORM:



Interim Assistant City Attorney

ATTEST:



City Clerk

Published: October 18, 2016

Effective Date: November 12, 2016

LEGAL NOTICE
SUMMARY OF ADOPTED ORDINANCE
CITY OF DES MOINES

ORDINANCE NO. 1662, Adopted October 13, 2016.

DESCRIPTION OF MAIN POINTS OF THE ORDINANCE:

This Ordinance relates to buildings and construction; and adds new fire, life safety, and design standards for high capacity transit facilities and makes other fire safety code changes to Title 14 DMMC, entitled *Buildings and Construction*.

The full text of the Ordinance will be mailed without cost upon request.

Bonnie Wilkins, CMC
City Clerk

Published: October 18, 2016