

0020.175.003
JEH/crd
10/10/89

Adopt Flood Insurance Rate
Map and Study (FEMA)

ORIGINAL

ORDINANCE NO. 1519

AN ORDINANCE OF THE CITY OF REDMOND, WASHINGTON, AMENDING SECTION 15.04.040 OF THE REDMOND MUNICIPAL CODE TO ADOPT THE SEPTEMBER 29, 1989 FLOOD INSURANCE RATE MAP AND FLOOD INSURANCE STUDY FOR KING COUNTY PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

WHEREAS, the Federal Emergency Management Agency (FEMA) has adopted a new Flood Insurance Study and a new Flood Insurance Rate Map (FIRM) dated September 29, 1989, and

WHEREAS, in order for Redmond citizens to obtain affordable flood insurance, it is necessary for the City Council to adopt these studies and bring the City's flood control ordinance into compliance with FEMA requirements, now, therefore,

THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, HEREBY ORDAINS AS FOLLOWS:

Section 1. Provisions Adopted. Chapter 15.04 of the Redmond Municipal Code is hereby amended to read as follows:

15.04.040 Basis for Establishing the Areas of Special Flood Hazard. The areas of special flood hazard identified by the Federal Insurance Administration and the Federal Emergency Management Agency in a scientific and engineering report entitled, "The Flood Insurance Study for King County, Washington and Incorporated Areas," dated September 29, 1989, and by the Flood Insurance Rate Map entitled, "FIRM (Flood Insurance Rate Map) for King County, Washington and Incorporated Areas," dated September 29, 1989, as the same relate to land within the currently or future boundaries of the City of Redmond, are hereby adopted by

this reference as if set forth in full and declared to be a part of this Chapter. The Flood Insurance Study and Flood Insurance Rate Map are on file at the office of the Public Works Department, City Hall, Redmond, Washington.

15.04.070(4) ...The Technical Committee shall obtain, review, and reasonably utilize any base flood elevation and floodway data available from a federal state or other source, in making such interpretations.

15.05.100(C) Electrical, heating, ventilation, plumbing, and air-conditioning equipment and other service facilities shall be designed and/or otherwise elevated or located so as to prevent water from entering or accumulating within the components during conditions of flooding.

15.04.130 Fully enclosed areas below the lowest floor that are subject to flooding are prohibited, or shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for meeting this requirement must either be certified by a registered professional engineer or architect or must meet or exceed the following minimum criteria:

- (i) A minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided.
- (ii) The bottom of all openings shall be no higher than one foot above grade.
- (iii) Openings may be equipped with screens, louvers, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.

15.04.140 Nonresidential structures that are elevated, not floodproofed, must meet the same standards for space below the lowest floor as described in 15.04.130.

15.04.140(1) ...be floodproofed so that below one foot above the base flood level the structure is water tight with walls

substantially impermeable to the passage of water.

Section 2. Effective Date. This ordinance, being an exercise of a power specifically delegated to the City legislative body, is not subject to referendum, and shall take effect five (5) days after passage and publication of the ordinance or a summary thereof consisting of the title.

APPROVED:

Doreen Marchione
MAYOR, DOREEN MARCHIONE

ATTEST/AUTHENTICATED:

Doris A. Schaible
CITY CLERK, DORIS SCHAIBLE

APPROVED AS TO FORM:
OFFICE OF THE CITY ATTORNEY:

BY [Signature]

FILED WITH THE CITY CLERK: 10-12-89
PASSED BY THE CITY COUNCIL: 10-17-89
PUBLISHED: 10-22-89
EFFECTIVE DATE: 10-27-89
ORDINANCE NO. 1519