

ORDINANCE NO. 314

AN ORDINANCE OF THE CITY OF WOODINVILLE, WASHINGTON, ADOPTING AND AMENDING THE WASHINGTON STATE BUILDING CODE, AND AMENDING PORTIONS OF TITLE 15 OF THE WOODINVILLE MUNICIPAL CODE, ENTITLED "BUILDINGS AND CONSTRUCTION".

WHEREAS, the Washington State Legislature adopted the 1997 editions of the Uniform Building, Fire, Plumbing, and Mechanical Codes, together with certain Washington Administrative Code ("WAC") amendments, and

WHEREAS, the Codes as amended became effective in all cities and counties in the State of Washington on July 1, 1998, and

WHEREAS, the Woodinville Municipal Code was amended to reflect the adoption of the new regulations, and

WHEREAS, as part of the previous update to Title 15 of the Woodinville Municipal Code, the City, also, adopted the 1997 Uniform Sign Code, Uniform Abatement of Dangerous Buildings and King County Title 13, Health Sewage System, and

WHEREAS, the City Council found that the adoption of the 1997 Uniform Codes with certain local amendments was in the public interest, and

WHEREAS, the City Council now recognizes that certain provisions of Woodinville Municipal Code Title 15 need to be amended to reorganize the text and clarify its meaning,

NOW, THEREFORE,

THE CITY COUNCIL OF THE CITY OF WOODINVILLE, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Chapter 15.03 of the Woodinville Municipal Code is hereby amended to read as follows:

Chapter 15.03

GENERAL PROVISIONS

Sections:

- 15.03.010 Short title.
- 15.03.020 Purpose.
- 15.03.030 Building Department established.
- 15.03.040 Code enforcement.
- 15.03.050 Building Official designated.
- 15.03.060 Administration and enforcement.
- 15.03.070 Fire Chief and Fire Marshal designated.
- 15.03.080 Fees.
- 15.03.090 Construction Code Administration.
- 15.03.100 (Repealed)

15.03.010 Short title.

This title is known as and may be referred to as the "Buildings and Construction Code".

15.03.020 Purpose.

The purpose of the codes and regulations adopted in this title is to regulate buildings and construction within the City and to promote the public health, safety, and welfare of the general public, and not to create or otherwise establish or designate any particular class or group of persons who will or should be especially protected by the terms of these codes and regulations.

15.03.030 Building Department established.

There is established for the City the "Building Department" which shall be under the supervision and control of the City Manager or his/her authorized representative.

15.03.040 Code enforcement.

There is established a code enforcement agency which shall be under the administration and operational control of the Building Official.

15.03.050 Building Official designated.

The "Building Official", as defined in Section 104.2 of the Uniform Building Code and Section 108 of the Uniform Mechanical Code, and the "Administrative Authority" as defined by the Plumbing Code, shall be appointed by the City Manager.

15.03.060 Administration and enforcement.

Except as otherwise provided in this title, the provisions of this title shall be administered and enforced by the Building Official of the City.

15.03.070 Fire Chief and Fire Marshal designated.

- (1) "Chief" or "Chief of the Fire Department" for the purposes of this ordinance shall be the City Manager of the City of Woodinville or his/her designee. When the title of "Chief" is used in the context of emergency scene operations and subsequent immediate actions following such operations, the title of Chief as used in the Fire Code shall be the Chief of the Fire Department.
- (2) The "Fire Marshal" for the purposes of this ordinance shall be the City Manager of the City of Woodinville or his/her designee.

15.03.080 Fees.

Except as otherwise provided in this title, the fee for any permit issued by the City under the authority of this title shall be established by the City Manager.

15.03.090 Construction Code Administration.

(1) Hours of construction. Except as otherwise provided in this ordinance, the activities regulated by this ordinance shall be limited to the following hours:

Monday through Saturday: 7 a.m. to 7 p.m.

Sunday and legal holidays: 10 a.m. to 7 p.m.

The Building official with the approval of the City Manager, or his/her designee, may alter work hours for specific short term projects.

(2) Adoption by reference. The codes, standards, rules, and regulations adopted by this ordinance are adopted by reference thereto as though fully set forth herein. Not less than one (1) copy of each such codes, standards, rules, and regulations, in the form in which it was adopted, and suitably marked to indicate amendments, additions, deletions, and exceptions as provided herein, shall be filed in the Building Official's office and be available for use and examination by the public.

(3) Code conflicts--Resolution.

(a) In case of conflict among the Building Code, the Fire Code, the Mechanical Code, and the Plumbing Code, the first named code shall govern over those following.

(b) In case of conflicts between other codes and provisions adopted by

this ordinance, the code or provision that is determined to be most restrictive by the Building Official, shall apply.

(4) Liability. This ordinance shall not be construed to relieve or lessen the responsibility of any person, partnership, firm, association, or corporation owning, building, altering, constructing, or moving any building or structure as defined in this ordinance; nor shall the City or any agent thereof be held as assuming such liability by reason of inspection authorized herein or a certificate of inspection issued by the City or any of its agencies. Provided, the purpose of this code is not to create or otherwise establish or designate any particular class or group of persons who will or should be especially protected by the terms of this code.

(5) Interpretation. Whenever the underlined words appear on the codes adopted by reference in this ordinance they are to be interpreted as follows:

- (a) Administrative Authority as the Building Official;
- (b) Chief, or Fire Chief, or the Chief of the Bureau of Fire Prevention as the City Manager of the City of Woodinville or his/her designee;
- (c) Corporation Counsel as the City Attorney;
- (d) City Treasurer as the Director of Finance;
- (e) Local Zoning Code as the City of Woodinville Zoning Code;
- (f) Municipal and the Jurisdiction as the City of Woodinville.

15.03.100 Violations and penalties.

Section 15.03.140 entitled "Violations and Penalties" is hereby renumbered as 15.03.100. Section 15.03.100 was repealed by Ordinance 230 and shall continue to be repealed by Ordinance 230.

Section 2. Chapter 15.06 of the Woodinville Municipal Code is hereby amended to read as follows:

Chapter 15.06

CONSTRUCTION CODES

Sections:

15.06.010. Adopted

15.06.020. Additional Codes Adopted

15.06.010 Adopted. Pursuant to State Law (RCW Chapter 19.27) the Woodinville Building Code is the Washington State Building Code. The Washington State Building Code is composed of the following elements:

Washington State Code:

- (1) The 1997 Uniform Building Code (UBC) volumes 1, 2, and 3 including the Standards published/issued by the International Conference of Building Officials (ICBO); WAC 51-40
- (2) 1997 Uniform Fire Code volumes 1 & 2 including the standards published by ICBO and issued by the International Fire Code Institute; WAC 51-44/45;
- (3) 1997 Uniform Plumbing Code (UPC) published by ICBO and issued by International Association of Plumbing and Mechanical Officials; WAC 51-46/47;
- (4) 1997 Uniform Mechanical Code (UMC) published/issued by ICBO; WAC 51-42;
- (5) Washington State Energy Code 1998 Edition, or most current WAC; WAC 51-11;
- (6) Washington State Ventilation and Indoor Air Quality Code 1997 Edition or most current WAC; WAC 51-13; and
- (7) Washington State Historic Building Code 1997 Edition, or most current WAC, WAC 51-19.

All amendments, supplements, modifications, exclusions, exemptions, and additions to the codes identified in subparagraphs 1 - 7 above by the Washington State Building Code Council and published in Title 51 Washington Administrative Code, including, but by no way of limitation, WAC Chapters 51-11, 51-13, 51-19 and 51-30.

15.06.020 Additional Codes Adopted.

The City also adopts by reference the following codes:

- (1) The 1997 Uniform Sign Code (USC published/issued by ICBO).
- (2) The 1997 Uniform Code for Abatement of Dangerous Buildings published/issued by ICBO.
- (3) Most current King County Title 13 Board of Health Sewage System (septic regulations), WAC 272.

Section 3. Chapter 15.09 of the Woodinville Municipal Code is hereby amended to read as follows:

CHAPTER 15.09

CONSTRUCTION CODES ADOPTED

Sections:

15.09.010 Short title.

15.09.020 Building code adopted.

15.09.030 Section 105 amended – The City Hearing Examiner to Hear Appeals

15.09.040 Section 106.3.1 amended – Application

15.09.050 Section 106.4.4 amended – Expiration

15.09.060 Section 107.4. amended – Expiration of plan review

15.09.070 Section 108.5.6 amended – Final inspection

15.09.080 Section 302.6 amended – Water closet room separation

15.09.090 Section 306.8 amended - Special Hazards

15.09.100 Section 310.2.2 amended – Special provisions

15.09.110 Section 403 amended – Title change

15.09.120 Section 403.1 amended – Scope

15.09.130 Section 502 amended – Premises Identification

15.09.140 Section 509.1.1 added – Guardrails on site topography

15.09.150 Section 904.2..1.1 added – Area separation walls

15.09.160 Section 904.2..2 amended — All occupancies except Group R, Division 3 and Group U Occupancies

15.09.170 Section 904.2.7.1 added – Approval of Sprinkler System Plans.

15.09.180 Section 904.5.2 amended – Standpipes where required

15.09.190 Section 3309.3 amended - Grading Designation

15.09.200 Section 3312.2 amended - Slope

15.09.210 Section 3315.6 added - Drainage Interceptors and Terracing

15.09.010 Short Title.

This chapter is known as and may be referred to as the “Building Code”.

15.09.020 Building Code Adopted.

The Uniform Building Code Volumes 1, 2, and 3 including Standards, 1997

Editions, issued and published by the International Association of Building Officials is adopted in its' entirety, including Appendix Chapters 4, Swimming Pool Barriers; 15, Reroofing; 16, Div. #1 Structural Forces; 18, Foundation and Waterproofing; 29, Minimum Plumbing Fixtures; 31, Div. #2, Membrane Structures; 33, Excavation and Grading; 34 Div. #1, Existing Structures; together with the Washington State Building Code Council Amendments; and the City of Woodinville amendments hereafter listed. Appendix chapters not listed herein are not adopted.

15.09.030 Section 105 amended – The City Hearing Examiner to Hear Appeals.

Section 105 of the 1997 Edition of the Uniform Building Code is hereby amended to read as follows:

SECTION 105 – THE CITY HEARING EXAMINER TO HEAR APPEALS

105.1 The City Hearing Examiner. In order to hear and decide appeals of orders, decisions, or determinations made by the Building Official, the City Hearing Examiner shall render all decisions and findings in writing to the appellant with a duplicate copy to the Building Official.

105.2 Limitations of Authority. The City Hearing Examiner shall have no authority relative to interpretation of the administrative provisions of this code nor shall the City Hearing Examiner be empowered to waive requirements of this code.

15.09.040 Section 106.3.1 amended – Application.

Section 106.3.1 of the 1997 Edition of the Uniform Building Code is amended by the addition of the following subsections to be known as Subsections 106.3.1(8), (9), (10), (11), (12), (13), (14), (15), (16), (17), and (18) to read as follows:

106.3.1(8). As much information as required to provide an accurate environmental disclosure.

106.3.1(9). The legal description, and the tax parcel number assigned pursuant to RCW 84.40.160, and the street address if available, and may include any other identification of the construction site by the prime contractor or building applicant;

106.3.1(10). The property owner's name, address, and phone number;

106.3.1(11). The prime contractor's business name, address, phone number, current state contractor registration number."

106.3.1(12). At the time of filing a building permit application, the applicant shall submit all information required to be submitted, together with any application form and fees applicable thereto, for any of the following approvals which may be applicable to the proposed project:

- (1) Design Review;
- (2) Shorelines substantial development permit;
- (3) Land clearing, grading, or filling permit;
- (4) Site development permit;
- (5) Street development consistent with the City's grid road ordinance.

106.3.1(13). No building permit application shall be accepted for filing by the Building Official for any proposed project for which any of the approvals referred to in subsection 106.3.1.(12) are required unless the building permit application is accompanied by all information required to be filed for such required approvals.

106.3.1(14). When the City Engineer determines that certain improvements including, but not limited to, curbs, gutters, sidewalks, driveways across sidewalks, piped storm drainage, retaining walls, street illumination, street landscaping, and slope protection are required, the building permit application must be submitted with appropriate plans and specifications complying with the current City of Woodinville Street Development Standards.

106.3.1(15). The requirements for a fully complete building permit application include compliance with Sections 106.3.1(1) through 106.3.1(15) and with RCW 19.27.097 (which relates to water supply).

106.3.1(16). The permit applicant is required to establish and provide a designated contact person for all communications relating to the permit application, plan review, and on site construction

issues. The contact person will manage all communications between the applicant, the designer or design team, the construction contractor and the City. The applicant may change the designated contact with proper notification to the Building Official.

106.3.1(17). All plans for building structures that require structural calculations and design, will be required to have a structural engineer's stamp on the drawings and the matching attached design calculations.

The engineer's stamp will be required in addition to the Architect's or designer's. The engineer's stamp will be required to be specific i.e., a general civil engineer's stamp will not be accepted for structural design. The engineer must be licensed to do structural design in Washington State.

EXCEPTIONS:

The provisions of this subsection (17) shall not apply to the following:

(1) R-3 residential and U accessory structures plans and calculations may be stamped by a designer, or submitted as owner occupied structure.

(2) Minor commercial or industrial alterations such as tenant improvements may not require an engineer's or architect's design or stamp. The decision is the Building Official's prerogative.

(3) On site storm water vaults or similar structures, may be designed or stamped by the civil engineer of record.

106.3.1(18) Late submittals. It is expected that all permit applications are submitted with complete information. Design/built sequences of projects often rely on late submittals. No permit will be issued with late submittal documents without first obtaining the written approval of the Building Official. Requests for late submittals should be requested and approved ten days before the permit is applied for. Late submittals may delay project approval. No permit will be issued without all documents provided to the Permit Center. Late submittal plan reviews must be approved BEFORE the total permit may be issued. In no case may the Building Official extend the late submittal documentation longer

than 30 days after the initial permit submittal.

15.09.050 Section 106.4.4 amended – Expiration.

Section 106.4.4 of the 1997 Edition of the Uniform Building Code is amended by the addition thereto of a new paragraph, to be added as the last paragraph under Section 106.4.4, which new paragraph shall read as follows:

All building and land surface modification (grading) permits, shall expire one (1) year from the date of issue. Building and grading permits may be renewed for one half (1/2) of the original permit fee which will extend the permit(s) an additional 1/2 year. No permit shall be active including renewals for longer than 18 months.

15.09.060 Section 107.4 amended - Expiration of plan review.

Section 107.4 of the 1997 Edition of the Uniform Building Code, is hereby amended to read as follows:

107.4 Expiration of Plan Review

107.4.1 Expiration of Plan Review. Applications for which no permit is issued within 180 calendar days following the date of application filing, or applications for which the applicant fails to respond to plan review request for project corrections or additional information for 60 calendar days, shall expire, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Official. The Building Official may extend the time for action by the applicant for a period not exceeding 180 calendar days on request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall reapply and pay a new plan review fee.

Expired plan review applications shall not be entitled to plan review fee refunds.

107.4.2. Justification for Plan Review Time Extensions. The Building Official shall extend the life of an application if any of the following conditions exists:

(1) Compliance with a declaration of significance under the State Environmental Policy Act provisions is in progress; or

(2) Any other city review is in progress, provided City staff determines that the review is proceeding to a timely final City decision; or

(3) Litigation against the City is in progress, the outcome of which may affect the validity of any permit issued pursuant to such application.

107.4.3. Permit deemed ready to issue. Every permit deemed ready to issue by the Building Official under the provisions of this code shall be obtained by the applicant within 60 days of the notification of the availability of such permit by the Building Official. If the permit is not obtained within 60 days, the building official will void the permit. Upon cancellation of any such permit, the Building Official shall so notify the applicant by certified mail. No original decisions or interpretations shall be assumed when reapplying. If new codes are adopted prior to the new permit application the new codes shall apply. No refunds of plan review or permit application monies can be authorized after the permit is void.

15.09.070 Section 108.5.6 amended – Final inspection.

Section 108.5.6 of the 1997 Edition of the Uniform Building Code is hereby amended by the addition of a new paragraph at the end of Section 108.5.6 and which shall read as follows:

108.5.6Final inspection. Final inspection shall be made after finish grading and construction of the building are completed and the building is ready for occupancy.

Buildings that have not received a final approval shall not be occupied without written approval of the Building Official. Occupancy without a certificate of occupancy will be a misdemeanor. Penalties shall be as prescribed in Chapter 1.03 WMC.

15.09.080. Section 302.6 amended - Water Closet Room Separation.

Section 302.6 of the 1997 Edition of the Uniform Building Code is hereby amended to read as follows:

302.6. All commercial industrial occupancies that prepare food will require a Water Closet Room Separation. A room in which a water closet is located shall be separated from food preparation or food

storage rooms by a tight-fitting weather sealed door.

15.09.090. Section 306.8 amended - Special Hazards.

Section 306.8 of the 1997 edition of the Uniform Building Code is hereby amended by adding a new paragraph at the end of this section which new paragraph shall read as follows:

Equipment or machinery that generates combustible dust or shavings shall be equipped with collection and removal system(s) meeting the requirements in the Woodinville Mechanical Code for dust collection.

15.09.100. Section 310.2.2 amended - Special Provisions

Section 310.2.2 of the 1997 Edition of the Uniform Building Code, is hereby amended to read as follows:

310.2.2 Special Provisions. Walls and floors separating dwelling units in the same building, or guest rooms in Group R, Division 1 hotel occupancies, shall not be of less than one-hour fire-resistive construction.

Group R, Division 1 Occupancies more than two stories in height or having more than 3,000 square feet (279m²) of floor area above the first story shall not be of less than one-hour fire-resistive construction throughout, except as provided in Section 601.5.2.2

Storage or laundry rooms that are within Group R, Division 1 Occupancies that are used in common by tenants shall be separated from the rest of the building by not less than one-hour fire-resistive occupancy separation.

For Group R, Division 1 Occupancies with a Group S, Division 3 parking garage in the basement or first story, see Section 311.2.2.

For attic space partitions and draft stops, see Section 708.

Section 310.2.2.1. Special Provisions. Notwithstanding other provisions of this code, Group R Division 1 occupancies shall have one-hour occupancies separations between units from the lowest floor subsurface to the underside of the roof deck. If crawl space is higher than 42 inches, the fire wall shall extend to the foundation at common walls.

Section 310.2.2.2 Exterior and interior doors and windows opening onto a common corridor, stairway, or similar area serving three or more dwelling units shall be protected as specified in Section 1005.8.

15.09.110 Section 403 amended –Title change.

The title of Section 403 of the 1997 Edition of the Uniform Building Code is amended to read as follows:

SECTION 403 – “SPECIAL PROVISIONS FOR ALL BUILDINGS SEVEN OR MORE STORIES IN HEIGHT.”

15.09.120. Section 403.1 Amended - Scope.

Section 403.1 of the 1997 Edition of the Uniform Building Code is hereby amended to read as follows:

403.1 Scope. This section shall apply to all buildings seven or more stories, or 75 feet or more in height. Such buildings shall be provided with an approved sprinkler system in accordance with Section 1807(c). In addition, meet all building code requirements for high-rise structures.

Definition of story for this section. For the purposes of this section, a story shall be defined as that portion of a building included between the upper surface of any floor and the surface of the next floor or roof above or any location around the perimeter of the structure which is 75 feet or higher from any point on grade used to support emergency equipment.

EXCEPTION: Unoccupied mechanical penthouses will not be calculated in total height if the surface square footage is 10% or less of immediate lower floor and does not exceed 1,000 square feet.

15.09.130 Section 1804.7 502 amended – Premises Identification.

Section 502 of the of the 1997 Edition of the Uniform Building Code is hereby amended to read as follows:

SECTION 502 – PREMISES IDENTIFICATION

Approved numbers or addresses of a size not less than six inches (6”) in height shall be placed on all new commercial and industrial buildings and construction sites. Existing buildings and on new single family residential buildings approved numbers or addresses to

be not less than three inches (3") in height. . . Approved numbers or addresses to be located in such a position as to be plainly visible and legible from the street or road fronting the property. Said numbers shall contrast with their background.

15.09.140 Section 509.1.1 added - Guardrails on site topography.

Section 509 of the 1997 Edition of the Uniform Building Code is hereby amended by the addition of a new subsection known as Subsection 509.1.1 to read as follows:

509.1.1 Guardrails on site topography. Where there is pedestrian access to the top of on-site retaining wall(s) or similar structures; where the difference in grade is 30" or more, a guardrail will be required. The guardrail will meet the requirements of Section 509 of this code.

15.09.150 Section 904.2 .1.1. added – Area Separation Walls.

Subsection 904.2 of the 1997 Edition of the Uniform Building Code is hereby amended by the addition of a new subsection to be known as Subsection 904.2.1.1 which new subsection shall read as follows:

904.2.1.1 Area Separation Walls. Area separation walls as specified in Section 504.6 of the Uniform Building Code shall not be used to reduce calculation of floor areas in this chapter. Fire sprinkler piping shall not cross common wall property lines on commercial or industrial buildings. Fire sprinkler systems cannot be reduced or eliminated by the use of area division walls.

15.09.160. Section 904.2.2. amended - All occupancies except Group R, Division 3 and Group U Occupancies.

Subsection 904.2.2 of the 1997 Edition of the Uniform Building Code is hereby amended by the addition of a new subsection to be known as Subsection 904.2.2.6 which new subsection shall read as follows:

6. All buildings four or more stories in height. For the purposes of this section, all buildings four or more stories in height shall be protected by an approved fire sprinkler system in accordance with Uniform Building Code, Volume 3, 1997 Edition. A story shall be defined as that portion of a building included between the upper surface of any floor and the surface of the next floor or roof above.

No single point around perimeter may exceed 50 feet from finish

grade where emergency equipment may be used.

EXCEPTIONS:

R-1 occupancies to be provided with fire sprinkler protection in accordance with Uniform Building Code, Volume 1, 1997 Edition, Chapter 9, Section 904, 904.2.9.

Unoccupied mechanical penthouses will not be calculated in total height if the surface square footage is 10% or less of immediate lower floor and does not exceed 1,000 square feet.

15.09.170. Section 904.2.7.1. added – Approval of Sprinkler System Plans

Subsection 904.2.7 of the 1997 Edition of the Uniform Building Code is hereby amended by the addition of a new subsection to be known as subsection 904.2.7.1 which new subsection shall read as follows:

904.2.7.1. Approval of Sprinkler System Plans. If required by the Fire Marshal and Building Official, sprinkler system plans shall be reviewed and approved by an independent review agency approved by the Building Official prior to being submitted for approval.

15.09.180. Section 904.5.2. amended - Standpipes Where required.

Section 904.5.2 of the 1997 Edition of the Uniform Building Code is hereby amended to read as follows:

904.5.2 Where required. Standpipe systems shall be provided as set forth on Table No. 9-A. In lieu of Class II standpipes, the Fire Chief may, in writing, require the use of Class I standpipes. The size and number of outlets, location of inlets and outlets and location of piping and fittings shall be approved by the Fire Chief or his/her designee.

15.09.190. Section 3309.3 amended - Grading Designation.

Section 3309.3 of the 1997 Edition of the Uniform Building Code Appendix Chapter 33 is hereby amended to read as follows:

3309.3 Grading Designation. Grading in excess of 1000 cubic yards shall be performed in accordance with the approved grading plan prepared by a Civil Engineer, and shall be designated as "Engineered Grading." Grading involving less than 1000 cubic yards shall be designed "Regular Grading." Unless the permittee chooses to have

the grading performed as engineered grading, or the Building Official determines that special conditions or unusual hazards exist, in which case the grading shall conform to requirements for engineered grading.

15.09.200. Section 3312.2 amended - Slope.

Section 3312.2 of the 1997 Edition of the Uniform Building Code is hereby amended to read as follows:

3312.2 Slope. The slope of cut or filled surfaces shall be no steeper than 1 unit vertical in 2 units horizontal (50% slope). This requirement cannot be altered by the building official.

15.09.210. Section 3315.6 added - Drainage interceptors and terracing.

Section 3315 of the 1997 Edition of the Uniform Building Code is hereby amended by the addition thereof of a new subsection to be known as Subsection 3315.6 to read as follows:

3315.6 Drainage interceptors and terracing. The requirements contained in Section 3315 are intended to be unalterable by geotechnical evaluation or observation. Those requirements cannot be changed by the Building Official.

15.09.220. Section 109.4 Temporary Certificate.

Section 109.4 of the 1997 Edition of the Uniform Building Code is hereby amended by adding subsection 109.4.1. Section 109.4 is amended in its entirety to read as follows:

109.4 Temporary Certificate. If the building official finds that no substantial hazard will result from occupancy of any building or portion thereof before the same is completed, a temporary certificate of occupancy may be issued for the use of a portion or portions of a building or structure prior to the completion of the entire building or structure.

109.4.1 The Building Official may issue a temporary Certificate of Occupancy, for two types of building usage:

1. Type One Certificate: Temporary occupancy that allows the placement of manufacturing or other equipment by owner or tenants staff. This would not allow actual usage of the building as normal business activities.

Under Type One Certificate, the Building Official may issue this certificate permitting usage concurrent with final construction activities being completed. Justification for issuance must include a plan for separation of construction activities from usual owner or tenant staff activities. A safe environment must be shown to exist for occupants and construction activities to coexist. The maximum length of Type One Certificates is 30 days.

Only one temporary certificate of occupancy may be issued by the Building Official in category Type One Certificate.

Type One Certificate shall not require any additional fees to be paid by the permit holder.

2. Type Two Certificate: Temporary occupancy allows activity listed in item one and open for business conditions.

Under Type Two Certificate, the Building Official may issue a temporary Certificate of Occupancy when all safety items are completed. The open use of public areas may still be limited. This occupancy certificate can be conditioned for any number of reason. Temporary certificates in Type Two would allow normal building usage and the temporary nature of the certificate is to guarantee landscaping and other non-safety items will be completed.

Two temporary certificates may be issued under Type Two Certificate.

Section 4. Chapter 15.12 of the Woodinville Municipal Code is hereby amended to read as follows:

**Chapter 15.12
MECHANICAL CODE**

Sections:

- | | |
|------------------|--|
| 15.12.010 | Short title |
| 15.12.020 | Mechanical code adopted |
| 15.12.030 | Section 114.4 added – Expiration of permit |
| 15.12.040 | Section 115.4 amended – Expiration of plan review |

- 15.12.050 Section 505.0 added – Combustible dust collection**
- 15.12.060 Section 505.3 amended - Recirculation**
- 15.12.070 Section 505.10 added – Essential features of dust collection for woodworkers**

15.12.010 Short title.

This chapter is known as and may be referred to as the “Mechanical Code” (UMC). Ord. 121 § 4.1, 1995)

15.12.020. Mechanical Code Adopted.

The Uniform Mechanical Code issued and published by the International Association of Building Officials 1997 Edition is hereby adopted in its entirety, including Mechanical and Building Standards and Appendix A, B, C and D, together with Washington State Building Code Council Amendments and The City of Woodinville amendments hereafter listed.

15.12.030 Section 114.4 amended – Expiration of Permit.

Section 114.4 of the 1997 Edition of the Uniform Mechanical Code is hereby amended by the addition of a new subsection to be known as Subsection 114.4.1.1 which new subsection shall read as follows:

114.4.1.1 Every permit will expire one year after issuance.

15.12.040. Section 115.4 amended - Expiration of Plan Review.

Section 115.4 of the 1997 Edition of the Uniform Mechanical Code is hereby amended to read as follows:

115.4. Expiration of Plan Review. Applications for which no permit is issued within 180 calendar days following the date of application filing, or the applicant fails to respond to plan review request for 60 calendar days, shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Official. The Building Official may extend the time for action by the applicant for a period not exceeding 180 calendar days on request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall reapply and pay a new plan review fee.

115.4.1. The Building Official shall extend the life of an application if any of the following conditions exists:

(1) Compliance with a declaration of significance under the State Environmental Policy Act provisions is in progress; or

(2) Any other City review is in progress, provided City staff determine that the review is proceeding to a timely final City decision; or

(3) Litigation against the City is in progress, the outcome of which may affect the validity of any permit issued pursuant to such application.

115.4.2. Permit deemed ready to issue. Every permit deemed ready to issue by the Building Official under the provisions of this code shall be obtained by the applicant within 60 days of the notification of the availability of such permit by the Building Official. After 60 days the permit will be cancelled and become void. Upon cancellation of any such permit, the permit becomes null and void, and the Building Official shall so notify the applicant by certified mail.

15.12.050 Section 505.0 added – Combustible dust collection.

Section 505 of the 1997 edition of the Uniform Mechanical Code is hereby amended by the addition of a new subsection to be known as subsection 505.0 which new subsection shall read as follows:

505.0 Combustible Dust Collection. Equipment or machinery that generates or uses combustible dust or shavings shall be equipped with collection and removal system(s) meeting the requirements of at least one of the following National Fire Protection Association Standards:

NFPA 43A. Code for the Storage of Liquid and Solid Oxidizing Materials.

NFPA 61A. Standard for the Prevention of Fire and Dust Explosions in Facilities Manufacturing and Handling Starch.

NFPA 61B. Standard for the Prevention of Fires and Dust Explosions in Grain Elevators and Facilities Handling Bulk Raw Agricultural Commodities.

- NFPA 61C. Standard for the Prevention of Fire and Dust Explosions in Feed Mills.
- NFPA 61D. Standard for the Prevention of Fire and Dust Explosions in the Milling of Agricultural Commodities for Human Consumption.
- NFPA 65. Standard for the Processing and Finishing of Aluminum.
- NFPA 85F. Standard for the Installation and Operation of Pulverized Fuel Systems.
- NFPA 120. Standard of Coal Preparation Plants.
- NFPA 480. Standard for the Storage, Handling, and Processing of Magnesium.
- NFPA 482. Standard for the Production, Processing, Handling, and Storage of Zirconium.
- NFPA 495. Standard for the Manufacture, Transportation, Storage, and Use of Explosive Materials.
- NFPA 650. Standard for Pneumatic Conveying Systems for Handling of Combustible Materials
- NFPA 651. Standard for the Manufacture of Aluminum and Magnesium Powder.
- NFPA 664. Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities.

15.12.060 Section 505.3 amended – Recirculation. Section 505.3 of the 1997 edition of the Uniform Mechanical Code is hereby amended by the addition of a new paragraph after the last paragraph in Section 505.3 which new paragraph shall read as follows:

To remove contaminants in a dust collection system, a secondary filter having an ASHRAE 52 efficiency of at least 90% shall be installed in the duct, which recirculates air from the dust collector. A device which measures pressure drop across this filter, and an alarm to indicate when the filter needs cleaning or replacement, shall be included. A wire mesh screen shall be installed on the downstream side of the filter to hold the filter in place in the event of an explosion

in the dust collector.

15.12.070 Section 505.10 added – Essential features of dust collection for woodworkers. Section 505 of the 1997 Edition of the Uniform Mechanical Code, as adopted by this chapter, is hereby amended by the addition of a new subsection to be known as 505.10 which new subsection shall read as follows:

505.10 Essential Features of Dust Collection for Woodworkers:

- (1) All cutting, shaping, planing, sanding, or other machines that produce wood dust or shavings shall be provided with a dust pickup, conveying, and collection system.
- (2) Dust collection systems shall comply with NFPA 91 and NFPA 664.
- (3) Dust collectors and ductwork shall be noncombustible.
- (4) Fans shall be located after the dust collector filter.
- (5) Dust collectors shall be anchored to structure.
- (6) Metal grinding, or any other operations that generate sparks, shall not be connected to combustible dust collection systems.
- (7) Explosion venting or explosion suppression shall be provided in all collection systems as there is the potential in all woodworking dust collection for appreciable quantities of particles sized less than 420 microns (U.S. sieve No. 40), which can be explosive.
- (8) If air is recycled back into the building, the recirculating duct shall have a spark detection activated abort damper with manual reset, or a spark detection activated fast-acting valve. A final filter with pressure drop alarm shall also be provided.
- (9) The dust collection system and building make-up air system must be designed by an experienced ventilation designer or registered mechanical engineer.
- (10) When using a design that recirculates air back into the building, a bypass arrangement is required so that when energy

savings cannot be realized by recirculating, air will be exhausted to the outdoors.

- (11) Noise levels shall be reviewed by an acoustical engineer, and silencers applied if needed. Must comply with OSHA, WISHA, and Woodinville Municipal Code.
- (12) Structural support and bracing must be designed by a registered structural engineer.
- (13) The requirements and recommendations of *Industrial Ventilation*, latest edition, published by the American Conference of Governmental Industrial Hygienists Inc., 6500 Glenway Avenue, Bldg. D-7, Cincinnati, Ohio 45111, must be followed.
- (14) A listed spark detection water extinguishing system shall be installed in the dust laden air duct(s) ahead of the dust collector.
- (15) Automatic sprinkler protection shall be installed in the filter section, in the clean air plenum, and in hoppers shielded from protection in the above areas. Rupture disks should be installed near the bottom of the hopper to relieve water in the event of discharge.

Section 5. Title 15 of the Woodinville Municipal Code is hereby amended by adding a new Chapter 15.13, entitled "Dust Collection", to read as follows:

**Chapter 15.13
DUST COLLECTION**

Sections:

- 15.13.010 Dust Collection
- 15.13.020 Woodinville Municipal Code Section 15.12.050 Combustible dust collection
- 15.13.030 Woodinville Municipal Code Section 15.12.060 – Recirculation
- 15.13.040 Woodinville Municipal Code Section 15.12.070 - Essential Features of Dust Collection For Woodworkers.
- 15.13.050 Section 306.8 Special Hazards UBC
- 15.13.060 Woodinville Municipal Code Section 15.09.100 amending 306.8 UBC

- 15.13.070 Section 3004.2. Dust Control UFC
- 15.13.080 Section 3004.3. Waste Removal UFC
- 15.13.090 Section 7604 Dust Collection UFC

15.13.010. Dust Collection.

This section is a consolidation of most code sections that are scattered throughout the construction and fire codes.

15.13.020. Woodinville Municipal Code Section 15.12.050 Combustible dust collection

Woodinville Municipal Code Section 15.12.050 reads as follows:

Section 505 of the 1997 edition of the Uniform Mechanical Code is hereby amended by the addition thereof of a new subsection to be known as subsection 505.0 to read as follows:

505.0 Combustible Dust Collection. Equipment or machinery that generates or uses combustible dust or shavings shall be equipped with collection and removal system(s) meeting the requirements of at least one of the following National Fire Protection Association Standards:

- NFPA 43A. Code for the Storage of Liquid and Solid Oxidizing Materials.
- NFPA 61A. Standard for the Prevention of Fire and Dust Explosions in Facilities Manufacturing and Handling Starch.
- NFPA 61B. Standard for the Prevention of Fires and Dust Explosions in Grain Elevators and Facilities Handling Bulk Raw Agricultural Commodities.
- NFPA 61C. Standard for the Prevention of Fire and Dust Explosions in Feed Mills.
- NFPA 61D. Standard for the Prevention of Fire and Dust Explosions in the Milling of Agricultural Commodities for Human Consumption.
- NFPA 65. Standard for the Processing and Finishing of Aluminum.

- NFPA 85F. Standard for the Installation and Operation of Pulverized Fuel Systems.
- NFPA 120. Standard of Coal Preparation Plants.
- NFPA 480. Standard for the Storage, Handling, and Processing of Magnesium.
- NFPA 482. Standard for the Production, Processing, Handling, and Storage of Zirconium.
- NFPA 495. Standard for the Manufacture, Transportation, Storage, and Use of Explosive Materials.
- NFPA 650. Standard for Pneumatic Conveying Systems for Handling of Combustible Materials
- NFPA 651. Standard for the Manufacture of Aluminum and Magnesium Powder.
- NFPA 664. Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities.

15.13.030. Woodinville Municipal Code Section 15.12.060 - Recirculation

Woodinville Municipal Code Section 15.12.060 reads as follows:

Section 505.3 of the 1997 edition of the Uniform Mechanical Code is hereby amended by the addition of a new paragraph after the last paragraph in Section 505.3 to read as follows:

To remove contaminants in a dust collection system, a secondary filter having an ASHRAE 52 efficiency of at least 90% shall be installed in the duct which recirculates air from the dust collector. A device which measures pressure drop across this filter, and an alarm to indicate when the filter needs cleaning or replacement, shall be included. A wire mesh screen shall be installed on the downstream side of the filter to hold the filter in place in the event of an explosion in the dust collector.

15.13.040. Woodinville Municipal Code Section 15.12.070 - Essential Features of Dust Collection For Woodworkers.

Woodinville Municipal Code Section 15.12.070. Section 505 of the 1997 Edition of the Uniform Mechanical Code, as adopted by this chapter, is hereby amended by the addition thereof of new subsection to be known as 505.10 to read as follows:

505.10 Essential Features of Dust Collection for Woodworkers:

- (1) All cutting, shaping, planing, sanding, or other machines that produce wood dust or shavings shall be provided with a dust pickup, conveying, and collection system.
- (2) Dust collection systems shall comply with NFPA 91 and NFPA 664.
- (3) Dust collectors and ductwork shall be noncombustible.
- (4) Fans shall be located after the dust collector filter.
- (5) Dust collectors shall be anchored to structure.
- (6) Metal grinding, or any other operations that generate sparks, shall not be connected to combustible dust collection systems.
- (7) Explosion venting or explosion suppression shall be provided in all collection systems as there is the potential in all woodworking dust collection for appreciable quantities of particles sized less than 420 microns (U.S. sieve No. 40), which can be explosive.
- (8) If air is recycled back into the building, the recirculating duct shall have a spark detection activated abort damper with manual reset, or a spark detection activated fast-acting valve. A final filter with pressure drop alarm shall also be provided.
- (9) The dust collection system and building make-up air system must be designed by an experienced ventilation designer or registered mechanical engineer.
- (10) When using a design that recirculates air back into the building, a bypass arrangement is required so that when energy savings cannot be realized by recirculating, air will be exhausted to the outdoors.
- (11) Noise levels shall be reviewed by an acoustical engineer, and silencers applied if needed. Must comply with OSHA, WISHA, and Woodinville Municipal Code.
- (12) Structural support and bracing must be designed by a registered structural engineer.

- (13) The requirements and recommendations of *Industrial Ventilation*, latest edition, published by the American Conference of Governmental Industrial Hygienists Inc., 6500 Glenway Avenue, Bldg. D-7, Cincinnati, Ohio 45111, must be followed.
- (14) A listed spark detection water extinguishing system shall be installed in the dust laden air duct(s) ahead of the dust collector.
- (15) Automatic sprinkler protection shall be installed in the filter section, in the clean air plenum, and in hoppers shielded from protection in the above areas. Rupture disks should be installed near the bottom of the hopper to relieve water in the event of discharge.

15.13.050 Section 306.8 amended - Special Hazards UBC.

The fourth paragraph of Section 306.8 of the 1997 Edition of the Uniform Building Code reads as follows:

Equipment, machinery or appliances that generate finely divided combustible waste or that use finely divided combustible material shall be equipped with an approved method of collection and removal.

15.13.060. Woodinville Municipal Code Section 15.09.100 (amending UBC 306.8)

Section 15.09.100 of the Woodinville Municipal Code reads as follows:

Section 306.8 of the 1997 Edition of the Uniform Building Code is hereby amended by adding a new paragraph at the end of this subsection to read as follows:

Equipment or machinery that generates combustible dust or shavings shall be equipped with collection and removal system(s) meeting the requirements in the Woodinville Mechanical Code for dust collection.

15.13.070. . Section 3004.2. Dust Control UFC

Section 3004.2 of the 1997 Edition of the Uniform Fire Code reads as follows:

3004.2 Dust Control. Equipment and machinery located inside buildings which generates or emits combustible dust shall be

provided with an approved dust-collection and exhaust system installed in conformance with Article 76 of the 1997 Edition of the Uniform Fire Code and the 1997 Edition of the Uniform Mechanical Code. Equipment or systems that are used to collect, process or convey combustible dusts shall be provided with an approved explosion-control system.

15.13.080 Section 3004.3. Waste Removal UFC

Section 3004.3 of the 1997 Edition of the Uniform Fire Code reads as follows:

3004.3. Waste Removal. Sawmills, planing mills, and other woodworking plants shall be equipped with a waste-removal system which will collect and remove sawdust and shavings. Such systems shall be installed in accordance with Article 76 and the Mechanical Code.”

15.13.090. Section 7604 Dust Collection UFC

Section 7604 of the 1997 Edition of the Uniform Fire Code reads as follows:

Section 7604 of the 1997 Edition of the Uniform Fire Code, “Suitable dust-collecting equipment shall be installed on all dust-producing machinery and interlocked with the machinery power supply so that the machinery cannot be operated without the dust-collection equipment also operating.”

Section 6. Section 15.15.020 of the Woodinville Municipal Code is hereby amended to read as follows:

15.15.020. Uniform Plumbing Code Adopted.

The Uniform Plumbing Code 1997 Edition issued and published by the International Association of Plumbing and Mechanical Officials is hereby adopted in its entirety, except Chapters 11, 12 and those required concerning gas appliance venting in Chapter 13 are not adopted.

Section 7. Chapter 15.18 of the Woodinville Municipal Code is hereby amended to read as follows:

**Chapter 15.18
UNIFORM CODE FOR ABATEMENT OF
DANGEROUS BUILDINGS**

Sections:

- 15.18.010 Short Title.
- 15.18.020 Adoption of Codes
- 15.18.030 Notice and order.
- 15.18.040 Report on costs and expenses
- 15.18.050 Collection of Assessments

15.18.010 Short Title.

This chapter is known as and may be referred to as the "Dangerous Building Code". (Ord. 121 § 7.1, 1995)

15.18.020 Adoption of Codes.

The Uniform Code for the Abatement of Dangerous Buildings, 1997 Edition, issued and published by the International Association of Building Officials except for Sections 910 and 911, is hereby adopted by this reference as if set forth in full, subject to amendments, additions, or deletions set forth.

15.18.030. Notice and Order. Subsections 401.2.6 and 401.2.7 added.

(1) Section 401 of the Uniform Code for the Abatement of Dangerous Building is amended and supplemented by the addition thereto of a new subsection to be known as Subsection 401.2.6 which new subsection shall read as follows:

401.2.6. The Building Official, together with the Director or delegate of the following City department: Community Development, Fire Services, Police Department and Public Works shall, upon written request filed with the Building Official by any interested person (including the Building official), conduct an informal conference relative to the matters set forth in the notice and order. All interested person shall be given notice of such conference and may attend and participate. Following such informal conference, the Building Official shall, within ten days thereof, file an amended or supplemental order and the time within which to appeal may be requested shall be extended to thirty days from the date of such informal conference or fifteen days from service of the amended or supplemented order, whichever shall last occur.

(2) Section 401.2.7. Section 401 of the 1997 edition of the Uniform Code for the Abatement of Dangerous Building is amended and supplemented by the addition thereto of a new subsection to be known as subsection 401.2.7 which new subsection shall read as follows:

401.2.7 The notice and order and any amended or supplemental notice and/or order shall be served upon the record owner and posted on the property. The record owner for the purposes of the procedures of this chapter shall be the person listed in the records of the King County Department of Finance for the purposes of mailing Real Property Tax Statements. The Building Official shall also serve one copy on each of the following, if known to the Building Official or disclosed from the records of the King County Department of Finance, including the records maintained in relation to the 1% estate excise sales tax: the holder of any mortgage, deed of trust, leasehold, contract purchaser, or contract seller.

15.18.040 Report on costs and expenses.

Section 901 of the 1997 edition of the Uniform Code for the Abatement of Dangerous Buildings is hereby amended to read as follows:

901. The Building official shall keep an itemized account of the expenses incurred by the City in the repair or demolition of any building done pursuant to the provisions of Section 701.3.3 of this Code. Upon the completion of the work of repair or demolition, the Building Official shall prepare and file with the City Clerk a report specifying the work done, the itemized and total cost of the work, including the itemized and total cost of the work, including an administration and collection fee in the amount of \$500.00 to cover the cost of publication, recording, and service of all notices, and the cost incurred by the City in the collection of the assessment or obligation as determined by Section 905 of this Code, a description of the real property upon which the building or structure is or was located, and the names and addresses of the persons entitled to notice pursuant to Section 401.3. (Ord. 121 § 7.3.3, 1995)

15.18.050. Collection of assessments.

Section 905 of the 1997 edition of the Uniform Code for the Abatement of Dangerous Buildings is hereby amended to read as follows:

905. A copy of the ordinance confirming the special assessment shall be filed with the City Clerk. A certified copy of said ordinance shall be recorded with the King County Department of Elections and Records. The City Clerk upon receipt of said ordinance shall proceed to collect the special assessment in the same manner as local improvement district assessments, including installments thereof, are collected, provided however, that the thirty days prepayments notice need not be published but shall be mailed to the owner of record.

Section 8. Chapter 15.21 of the Woodinville Municipal Code, entitled "Electrical Code" is hereby repealed.

Section 9. Section 15.27.020 of the Woodinville Municipal Code is hereby amended to read as follows:

15.27.020 Adoption of codes.

The Uniform Sign code, 1997 Edition, issued and published by the International Conference of Building Officials, is adopted and shall be applicable within the City, as amended, added to and excepted in this Chapter.

Section 8. Chapter 15.33 of the Woodinville Municipal Code is hereby amended to read as follows:

**Chapter 15.33
FIRE CODE**

Sections:

- 15.33.010 Short title
- 15.33.020 Adoption of codes
- 15.33.030 Definitions
- 15.33.040 Amendment adoption
- 15.33.050 Section 902.2 amended - Fire Apparatus Access Roads.
- 15.33.060 Section 903.4.2 amended – Required Installations
- 15.33.070 Appendix III-B amended – Item 3 Number of fire hydrants
- 15.33.080 Section 1001.3 amended
- 15.33.090 Section 1001.4 amended
- 15.33.100 Section 1001.5 amended
- 15.33.110 Section 1001.5.3.1 amended
- 15.33.120 Section 1003 amended
- 15.33.130 Section 1004.2 amended
- 15.33.140 Section 1006.2.3.1.1 added
- 15.33.150 Section 1006.2.4.2 and 1006.2.5 deleted
- 15.33.160 Section 1006.2.7 amended
- 15.33.170 Section 1007.1.3 added - Standards
- 15.33.180 Section 1007.2.1.1.1 added
- 15.33.190 Section 1007.2.1.1.2 amended

- 15.33.200 Section 1007.2.2.1 amended
- 15.33.210 Section , 1007.2.7.2.4 amended
- 15.33.220 Section 1007.2.8.1 added
- 15.33.230 Section 1007.2.9.1.1 amended
- 15.33.240 Section 1007.2.9.1.6 amended
- 15.33.250 Section 1007.2.12.2.3 amended
- 15.33.260 Section 1007.3.1 amended
- 15.33.270 Section 1007.3.3.6.1 amended
- 15.33.280 Section 1007.3.3.7 amended
- 15.33.290 Section 1007.3.3.7.1 added
- 15.33.300 Section 1007.3.4.2 amended
- 15.33.310 Section 1007.3.4.3 amended
- 15.33.320 Section 1007.3.4.4 added
- 15.33.330 Section 1007.3.4.5 added
- 15.33.340 Section 3004.2. Dust Control UFC
- 15.33.350 Life safety/rescue access
- 15.33.360 Alterations, repairs, and building additions

15.33.010. Short title.

This chapter shall be known as and may be referred to as the "Fire Code". (Ord. 121 § 12.1, 1995)

15.33.020. Adoption of codes.

The Uniform Fire Code, 1997 Edition, Volume 1, (hereinafter known as "UFC") including Appendix Chapters I-A, I-C, II-A, II-B, II-C, II-D, II-E, II-F, II-G, II-H, II-I, III-A, III-B, III-C, III-D, IV-A, IV-B, V-A, VI-A, and VI-B, VI-C, VI-E, Article 9, Section 901, 901.2.2.1, 901.4.2, 902.1 and 902.2 through 902.2.4.1, and the Uniform Fire Code, 1997 Edition, Volume 2, published by the International Fire Code Institute and Copyright © by the International Conference of Building Officials and the Western Fire Chiefs' Association and as adopted by the State of Washington pursuant to Chapters 51 - 44 and 51 - 45 Washington Administrative Code (WAC) are adopted by this reference as if set forth in full, subject to the amendments, additions, or deletions set forth, provided, however, that the purpose of this code is not to create or otherwise establish or designate any particular class or group of persons who will or should be protected or benefited by the terms of this code. One copy of these uniform codes and regulations has been and is on file with the City Clerk for inspection. The most current NFPA (National Fire Protection Association) Standards Number 13 (Installation of Sprinkler Systems) and 72 (The National Fire Alarm Code) may be used. (Ord. 134 § 1, 1995; Ord. 121 § 12.2, 1995)

15.33.030. Definitions

Unless otherwise provided in this section, the definitions in the Uniform Building Code and the Uniform Fire Code shall apply to this ordinance.

- (1) "Life Safety/Rescue Access" shall mean access to all floor levels and each roof level of a building on not less than twenty percent of the building perimeter by utilizing a thirty-five foot ladder. An alternate method would be at least one stairway enclosure with exit doorways from each floor level and with a door opening onto each roof level, which conforms to the requirements of the Uniform Building Code.
- (2) "Fire Detection System" shall mean a heat and/or smoke detection system monitored by a central and/or remote station conforming to the current requirements of the National Fire Protection Association Standards and/or the Building Official, Fire Chief or their designee.
- (3) "Fire Sprinkler System" shall mean an integrated system of piping connected to a water supply with sprinklers which will automatically initiate water discharge over a fire, conforming to the current requirements of the National Fire Protection Association standards and/or Building Code, Fire Code, and their standards.
- (4) "Ambulatory" shall mean, able to walk about, not bedridden.
- (5) "A patient capable of unassisted self preservation" shall be considered to be ambulatory.
- (6) False Alarms: False alarms shall be any alarm not initiated from an emergent condition or malicious activation out of the control of the property owner/tenant.
- (7) Standby Personnel: Standby personnel are personnel whose sole responsibility is to watch for fire and contact the appropriate agency in the event fire is detected.

(Ord. 121 § 12.3, 1995)

15.33.040. Amendment adoption.

The following amendments, additions, deletions, and exceptions to the 1997 edition of the Uniform Fire Code Volume I, Uniform Fire Code Appendix, and the 1997 edition of the Uniform Fire Code Volume II, as adopted by this Chapter, are adopted and shall be applicable within the City. (Ord. 121 § 12.4, 1995)

15.33.050. Section 902.2 amended Fire Apparatus Access Roads.

(010) Section 902.2.1 amended.

Section 902.2.1 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

902.2.1 Required Access. Fire apparatus access roads shall be provided in accordance with Section 902.1 of the 1997 Uniform Fire Code and Section 15.33.050.010 of this Ordinance, for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction when any portion of the facility or any portion of an exterior wall of the first story of the building is located more than 150 feet (45,720 mm) from fire apparatus access as measured by an approved route around the exterior of the building or facility. See also Section 902.3 of the 1997 Uniform Fire Code for access to building openings. Fire apparatus access roads shall, also, adhere to the requirements of the City of Woodinville "Transportation Infrastructure and Specifications" manual.

EXCEPTIONS:

1. When buildings are completely protected with an approved automatic fire sprinkler system, the provisions of Sections 15.33.050.010 and 15.33.050.020 may be modified by the Fire Chief.
2. When access roads cannot be installed due to location on property, topography, waterways, nonnegotiable grades or other similar conditions, the chief is authorized to require additional fire protection as specified in Section 1001.9 of the 1997 Uniform Fire Code.
3. When there are not more than two Group R, Division 3 (single-family dwellings), or Group U Occupancies (private garages, carports, sheds, agricultural buildings), the requirements of Sections 15.33.050.010 and 15.33.020 may be modified by the Fire Chief.
4. More than one fire apparatus road shall be provided when it is determined by the chief that access by a single road might be impaired by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access. The required access to developments shall be per City of Woodinville "Transportation Infrastructure and Specifications" and Article 9 of the UFC, 1997 edition.
5. For high-piled combustible storage, see Section 8102.6 of the 1997 Uniform Fire Code.
6. For required access during construction, alteration or demolition of a building, see Section 8704.2 of the 1997 Uniform Fire Code.

(020) Section 902.2.2 amended.

Section 902.2.2 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

902.2.2. Specifications

902.2.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6,096 mm) and an unobstructed vertical clearance of not less than 13 feet 6 inches (4,115 mm). Vertical clearances or widths shall be increased when, in the opinion of the chief, vertical clearances or widths are not adequate to provide fire apparatus access.

EXCEPTION: Vertical clearance may be reduced, provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained indicating the established vertical clearance when approved by the Fire Chief.

902.2.2.2 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with a surface so as to provide all-weather driving capabilities.

902.2.2.3 Turning radius. The turning radius of fire apparatus access roads shall be as approved by the chief.

902.2.2.4 Dead ends. Dead-end fire apparatus access roads in excess of 150 feet (45,720 mm) in length shall be provided with approved provisions for the turning around of fire apparatus per City of Woodinville's Transportation Infrastructure Standards & Specifications.

902.2.2.5 Bridges. When a bridge is required to be used as part of a fire apparatus access road, it shall be constructed and maintained in accordance with nationally recognized standards. See Article 90, Standards, Section 9003. a.1.1 of the 1997 Uniform Fire Code. The bridge shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to bridges when required by the chief.

902.2.2.6 Grade. The gradient for a fire apparatus access road shall not exceed

the maximum approved by the chief.

(030) Section 902.2.3 amended. Marking.

Section 902.2.3 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

902.2.3 Marking. Marking shall conform to the requirements of City of Woodinville's Ordinance 71*, Fire lanes.

*City of Woodinville's Municipal Code as codified in Chapter 10.12.

(040) Section 902.2.4 amended. Obstruction and control of fire apparatus access.

Section 902.2.4 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

902.2.4.1 General. The required width of a fire apparatus access road shall not be obstructed in any manner, including parking of vehicles. Minimum required widths and clearances established under Woodinville Municipal Code Section 15.33.050.020 shall be maintained at all times.

Entrances to roads, trails or other access ways which have been closed with gates and barriers in accordance with Section 902.2.4.2 of the Uniform Fire Code shall not be obstructed by parked vehicles. (Ord. 141 § 1, 1996; Ord. 121 § 12.4.33, 1995).

15.33.060. Section 903.4.2 amended – Required installations.

Section 903.4.2 of the 1997 edition of the Uniform Fire Code, Required installations, as adopted by this chapter, is amended to be as follows:

903.4.2. Number of fire hydrants and their locations shall be determined from Appendix III-B. The type of fire hydrants shall be approved by the Fire Chief and the water purveyor. Existing substandard hydrant installations which serve new construction shall be upgraded prior to combustible construction.

Fire hydrants and their supplying mains shall be installed to the standard of the water purveyor and shall be dedicated along with repair easements, where needed, to the purveyor.

For Fire Safety during construction, alterations, or demolition of a building, see Section 8704.4

This section shall not apply to conditions existing prior to the effective date of this

Chapter.

15.33.070 Appendix III-B, Section 3 Number of Fire Hydrants amended and Section 4 Consideration of existing fire hydrants amended.

(010) Section 3 Number of Fire Hydrants of the Uniform Fire Code Appendix III-B amended. Section 3 Number of Fire Hydrants of the 1997 edition of the Uniform Fire Code Appendix III-B as adopted by this chapter, is hereby amended to read as follows:

Section 3-Number of Fire Hydrants. The minimum number of fire hydrants available to a building shall be not less than that listed in Table No. A-III-B-1. The number of fire hydrants available to a complex or any subdivision shall not be less than that determined by spacing requirements listed on Table No. A-III-B-1 when applied to fire apparatus access roads and perimeter public streets from which fire operations could be conducted.

(020) Section 4 Consideration of existing fire hydrants of the Uniform Fire Code Appendix III-B. Section 4 Consideration of existing fire hydrants of the 1997 edition of the Uniform Fire Code Appendix III-B as adopted by this chapter, is hereby amended to read as follows:

Section 4. Existing fire hydrants on public streets may be considered available. Existing fire hydrants on adjacent properties shall not be considered available unless fire apparatus access roadways extend between properties and easements are established to prevent their obstruction.

15.33.080. 1001.3 amended.

Section 1001.3 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended by the addition of subsections 1001.3.1 and 1001.3.2, which subsections shall read as follows:

1001.3.1 Plans for Fire Alarm Systems. All systems shall have complete plans and specifications submitted for review and approval prior to system installation.

Building Department Operating Policy #14 "Procedures for Fire Alarm Systems Submittals" and Building Department Operating Policy #40 "Procedures for Fire Sprinkler Systems Submittals" shall be complied with when applying for a permit.

1001.3.2 Permit Fee. No person or agency shall install, alter, replace or perform repair of a fire alarm system within the City without first obtaining a permit to be issued by the City. Upon a determination by the Chief of the Fire Department or his designee that the fire alarm system, for which a permit is requested, complies with said codes and ordinances and is approved, and the appropriate fee is received, the permit shall be issued; provided, however, that no permit shall be required for single station detectors.

EXCEPTION: At the discretion of the Chief, permits for minor modifications may be waived.

15.33.090. Section 1001.4 amended.

Section 1001.4, Installation Acceptance, Section 1001.4 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1001.4. Installation Acceptance and Testing. Fire alarm systems; fire hydrant testing; fire-extinguishing systems including automatic sprinklers and wet and dry standpipes; and other fire-protection systems and appurtenances thereto shall meet the approval of the City of Woodinville as to installation and location and shall be subject to such periodic tests as required by the chief.

Condition of acceptance for halon and clean agent systems shall be satisfactory passage of a test conducted in accordance with nationally recognized standards prior to final acceptance of the system.

Fire alarm and detection systems shall be tested in accordance with Volume 2 of the Uniform Fire Code 1997 Edition and other nationally recognized standards.

15.33.100 Section 1001.5. Maintenance, Testing, and Systems Out of Service.

Section 1001.5 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to include the following addition:

1001.5(a) Maintenance and Testing. Fire alarm systems shall be maintained and tested in accordance with this article and nationally recognized standards. The Chief shall establish minimum requirements for periodic testing of fire alarm systems. In the case

of dwelling units within an apartment building, it shall be the responsibility of the owner of the apartment, upon every change of tenancy of a dwelling unit, to inspect the fire warning system within such dwelling unit to determine if the same is in operating condition, the owner shall repair or replace the same and shall not allow occupancy of such dwelling unit until the fire warning system therein is operating properly. During the term of any tenancy of a dwelling unit in an apartment building, it shall be the responsibility of the tenant, and not the owner, to maintain the fire warning system therein in operating condition.

15.33.110 Section 1001.5.3.1 amended

Section 1001.5.3.1 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1001.5.3.1. Problematic systems and systems out of service. In the event of temporary failure of a fire protection system or an excessive number of false alarm activation's, the Fire Chief is authorized to require the building owner or occupant to provide standby personnel as set forth in UFC Article 25, Section 2501.18 until the system is restored. The chief is authorized to charge for recovery of costs to the Fire District based on the current Washington State Association of Fire Chiefs' Fee Schedule. Woodinville Fire and Life Safety District Manual of Operation, Article 800, Section 15 "Documentation of False Fire Alarms" shall apply. Standby personnel shall be provided with at least one approved means for notification of the fire department and their only duty shall be to perform constant patrols of the protected premises and keep watch for fires.

15.33.120 Section 1003 amended and added - Fire Sprinkler Systems – Installed.

Section 1003 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended by amending subsections 1003.2.3.6 and 1003.2.9 and adding subsections 1003.2.3.9, 1003.2.10, 1003.2.11 which shall read as follows:

1003.2.3.6 Amusement Buildings. An automatic sprinkler system shall be installed in all amusement buildings. The main waterflow switch shall be electrically supervised. The sprinkler shutoff valve shall be supervised. When the amusement building is temporary, the sprinkler water-supply may be of approved temporary type.

EXCEPTION: An automatic sprinkler system need not be provided when the floor area of a temporary amusement building or occupancy is less than 1,000

square feet and the exit travel distance from any point is less than 50 feet.

1003.2.3.9 In group A occupancies when the occupant load exceeds 200 (i.e., 201 or more), the entire building shall be sprinklered. Area separation walls as noted in Section 504.6 of the Uniform Building Code shall not be considered to separate a building to enable deletion of the required fire sprinkler system.

1003.2.9. Group R, Division 1 Occupancies. In all Group R, Division 1 Occupancies having three or more floor levels or containing five or more dwelling units and hotels (motels) having three or more floor levels or containing 10 or more guest rooms. Quick response standard sprinkler heads shall be used in accordance with their approved listing in the dwelling unit and guest room portions of the building. Area separation walls as noted in Section 504.6 of the Uniform Building Code shall not be considered to separate a building to enable deletion of the required fire sprinkler system.

1003.2.10 Group R, Division 3 Occupancies.

1. An automatic sprinkler system shall be installed in all Group R, Division 3 Occupancies exceeding 2,500 square feet gross floor area (including attached garages) without adequate fire flow.
2. An automatic sprinkler system shall be installed in all Group R, Division 3 Occupancies without approved Fire Department access as defined in Woodinville Transportation Infrastructure Standards and Specifications.

1003.2.11 In all occupancies requiring 2,000 gallons per minute or more fire flow, or where the total floor area included within the surrounding exterior walls on all floor levels including basements exceeds 10,000 square feet. Area separation walls, as noted in Section 504.6 of the Uniform Building Code, shall not be considered to separate a building to enable deletion of the required fire sprinkler system.

EXCEPTION: Group U Occupancies and Group R-3/R-1 Occupancies.

15.33.130 Section 1004.2 amended. Standpipe required.

Section 1004.2 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1004.2 Required Installations. Standpipe systems shall be provided as set forth in Table No. 1004-A.

EXCEPTION: In lieu of Class II standpipes, the Fire Chief may,

in writing, require the use of Class I standpipes. The size location, number of outlets, and the location of piping and fittings shall be approved by the Fire Chief or his/her designee.

15.33.140 Section 1006.2.3.1.1 Added.

Section 1006.2.3.1.1 of the 1997 edition of the Uniform Fire Code, system to meet or exceed UL 300 Listing, as adopted by this chapter, is hereby added to the Woodinville Municipal Code to read as follows:

1006.2.3.1.1 All commercial cooking operations requiring a fire-extinguishing system pursuant Section 1006.2.1 shall have a system that meets or exceeds the UL 300 listing. If this section conflicts with any other section of the Uniform Fire Code, the more restrictive provision shall apply.

15.33.150. Sections 1006.2.4.2 and Section 1006.2.5 - deleted

Sections 1006.2.4.2 and 1006.2.5 of the 1997 edition of the Uniform Fire Code have been deleted in favor of the provisions of a new section, 1006.2.3.1.1, which is adopted in the previous section.

15.33.160 Section 1006.2.7 Amended - Portable fire extinguishers

Section 1006.2.7 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1006.2.7 A fire extinguisher designated "Class K" by the Fire Marshal's Office, and complying with NFPA 10, shall be installed within 30 feet (9144 mm) of commercial food heat-processing equipment, as measured along an unobstructed path of travel, in accordance with UFC Standard 10-1.

15.33.170. Section 1007.1.3 Added

Section 1007.1.3 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1007.1.3. Standards. All fire alarm systems shall be installed in accordance with the ordinances of the City, and the following Codes and Standards:

- I. Uniform Fire Code, Volume 1, 1997 Edition.
- II. Uniform Fire Code *Volume 2*, 1997 Edition.
- III. Uniform Building Code *Volume 1, 1997 Edition*.

IV. Washington State Building Code, Chapter 51-20 WAC.

V. 1997 Uniform Fire Code Washington State Amendments.

VI. NFPA 72

15.33.180 Section 1007.2.1.1.1 added .

Section 1007.2.1.1.1 of the 1997 edition of the Uniform Fire Code, Required Installations, as adopted by this chapter, is hereby added to read as follows:

1007.2.1.1.1 Automatic fire detection system. In addition to the required installations of Fire Alarm Systems, an automatic fire detection system shall be installed in all occupancies exceeding 3,000 square feet gross floor area.

EXCEPTIONS:

1. R 3 and all U occupancies
2. The requirement for automatic fire detection providing full coverage may be waived when the building is fully protected by an approved automatic fire extinguishing system equipped with the water flow alarm connected to the building fire alarm system and the fire alarm system is monitored by an approved central station. All other requirements of this chapter shall still apply.

In buildings not protected by an automatic fire sprinkler system, detectors shall be placed in locations as required by the Fire Marshal.

Detectors shall be placed in all rooms, halls, storage areas, basements, attics, lofts, spaces above suspended ceilings, kitchens, storage lockers, closets, electrical rooms, machine equipment rooms, and elevator equipment rooms.

In places where there is moisture or excessive heat, such as laundry rooms, bathrooms, kitchens, and boiler rooms, heat detectors shall be used.

Any fire alarm control unit that utilizes a combination to reset after alarm shall use the following combination; 3-6-1-2-3-etc.

15.33.190 Section 1007.2.1.1.2 added.

Section 1007.2.1.1.2 of the 1997 edition of the Uniform Fire Code, Zoning, as adopted by this chapter, is hereby added to read as follows:

1007.2.1.1.2 Zoning. Fire Alarm systems shall be divided into alarm zones when required by the chief. All buildings having area separation walls shall also have fire

alarm systems zoned for each separated area.

Zoning of fire alarm systems shall be made if:

- a. The building is multi-storied (2 or more including basements).
- b. The building is split into several areas.
- c. The building has more than one use, one of which is hazardous.
- d. The building has a sprinkler system that is required to be monitored.
- e. The Fire Marshal determines that there are extenuating circumstances that warrant zoning.

All water flow devices shall be on a separate zone.

15.33.200 Section 1007.2.2.1. General amended.

Section 1007.2.2.1 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1007.2.2.1 General. All group A occupancies shall be provided with a manual fire alarm system in accordance with Section 1007.2.2.

EXCEPTION: Group A Occupancy portions of Group E Occupancies are allowed to have alarms as required for the Group E Occupancy.

See also Section 1007.2.12.

15.33.210 Section 1007.2.7.2.4 amended.

Section 1007.2.7.2.4, Smoke Detection, of the 1997 edition of the Uniform Fire Code, as adopted by this chapter is hereby amended to read as follows:

1007.2.7.2.4 Smoke Detection. An approved automatic smoke-detection system shall be installed throughout resident housing areas, including sleeping areas and contiguous day rooms, group activity spaces, and other common spaces normally accessible to residents.

EXCEPTION: Other approved smoke-detection arrangements providing equivalent protection, such as placing detectors in exhaust ducts from cells or behind protective grilles, are allowed when necessary to prevent damage or tampering. This exception shall only be allowed with a technical report from an expert approved by the Chief.

(Ord. 121 § 12.4.14, 1995)

15.33.220. 1007.2.8.1 added

Section 1007.2.8.1 of the 1997 edition of the Uniform Fire Code, mini storage complex, as adopted by this chapter, is added to read as follows:

1007.2.8.1 Each separate storage unit of a Mini Storage Complex shall be individually identified at the annunciator panel. This applies to storage units that are separated from one another with full height walls.

15.33.230. Sections 1007.2.9.1.1 and 1007.2.9.1.2 amended.

Section 1007.2.9.1.1 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1007.2.9.1.1 General. Group R Occupancies shall be provided with fire alarm systems in accordance with Section 1007.2.9 Group R, Division 1 Occupancies shall be provided with a manual and automatic fire alarm system in apartment houses three or more stories in height or containing 16 or more dwelling units, in hotels three or more stories in height or containing 20 or more guest rooms, and in congregate residences three or more stories in height or having an occupant load of 20 or more. See also 1007.2.12

EXCEPTION: A separate fire alarm system need not be provided in buildings which are protected throughout by an approved supervised fire sprinkler system conforming with the Building Code and having a local alarm to notify all occupants.

Section 1007.2.9.1.2 Repealed.

15.33.240. Section 1007.2.9.1.6 amended.

Section 1007.2.9.1.6 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1007.2.9.1.6. Single-station smoke detectors. Approved single-station smoke detectors shall be installed in dwelling units, congregate residences and hotel or lodging house guest rooms in accordance with the Building Code and Uniform Fire Code, Volume 2, 1997 Edition, Chapter 2, Section 2-2.2.1 which states that in new construction, where more than one smoke detector is required by NFPA 2-2.1, they shall be so arranged that operation of any smoke detector shall cause the alarm in all smoke detectors within the dwelling to sound.

EXCEPTION: Configurations that provide equivalent distribution of the alarm signal.

Single-station smoke detectors shall not be connected to a fire alarm system. See also Section 1007.2.9.1.5.

EXCEPTION: Connection of such detectors for annunciation only.

15.33.250. Section 1007.2.12.2.3 amended.

Section 1007.2.12.2.3 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1007.2.12.2.3. Emergency voice alarm-signaling system. The operation of any automatic fire detector, sprinkler or water-flow device shall automatically sound an alert tone followed by voice instructions giving appropriate information and directions on a general or selective basis to the following terminal areas:

- 1.Elevators,
- 2.Elevator lobbies,
- 3.Corridors,
- 4.Exit stairways,
- 5.Rooms and tenant spaces exceeding 1,000 square feet in area,
- 6.Dwelling units in apartment houses, and
- 7.Hotel guest rooms or suites.

A manual override for emergency voice communication shall be provided for all paging zones.

The emergency voice alarm-signaling system shall be designed and installed in accordance with the Building Code and Uniform Fire Code, Volume 2, 1997 Edition.

15.33.260. Section 1007.3.1 amended.

Section 1007.3.1 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1007.3.1. Design standards. Fire alarm systems, automatic fire detectors, emergency voice alarm communication systems and notification devices shall be designed, installed, and maintained in accordance with Uniform Fire Code, Volume 2, 1997 edition, and other nationally recognized standards.

15.33.270. Section 1007.3.3.6.1 amended

Section 1007.3.3.6.1 of the 1997 edition of the Uniform Fire Code, General, as adopted by this chapter, is hereby amended to read as follows:

1007.3.3.6.1 General. When required by the Chief, fire alarm systems shall be monitored by an approved central, proprietary or remote station service or a local alarm which gives audible and visual signals at a constantly attended location. All fire alarm/detection systems within an individual building shall be monitored by a single approved monitoring system.

15.33.280. Section 1007.3.3.7 amended

Section 1007.3.3.7 of the 1997 edition of the Uniform Fire Code, Annunciation, as adopted by this chapter, is hereby amended to read as follows:

1007.3.3.7 Annunciation. When two or more alarm zones are required, visible annunciation shall be provided in a location approved by the chief. Visual annunciation shall be provided at the main entrance to the building, or as located by the Fire Marshal's Office.

Visual Zone Alarm Indication. The location of an operated initiating device shall be visually indicated by building, floor, fire zone, or other approved subdivision by annunciation, print-out, or other approved means. The visual indication shall not be canceled by the operation of an audible alarm silencing switch.

15.33.290. Section 1007.3.3.7.1 added

Section 1007.3.3.7.1 of the 1997 edition of the Uniform Fire Code, Exterior alarm-signaling device, as adopted by this chapter, is hereby added to read as follows:

1007.3.3.7.1 Exterior alarm-signaling device. All alarm systems shall have an alarm signaling device mounted on the exterior of the building. This device shall be a listed 10" bell/strobe or horn/strobe listed for exterior use.

15.33.300 Section 1007.3.4.2 amended. Section 1007.3.4.2 of the 1997

edition of the Uniform Fire Code, as adopted by this chapter, is hereby amended to read as follows:

1007.3.4.2. Certification. The permittee shall provide written certification to the chief that the system has been installed in accordance with the approved plans and specifications. A Certificate of Completion (see Uniform Fire Code, Volume 2, 1997 Edition, 1-7.2) shall be completed for each installation.

15.33.310. Section 1007.3.4.3 amended.

Section 1007.3.4.3 of the 1997 edition of the Uniform Fire Code, Instructions, as adopted by this chapter, is hereby amended to read as follows:

1007.3.4.3 Instructions. Operating, testing and maintenance instructions and “as built” drawings and equipment specifications shall be provided and located next to the fire alarm control panel in a protective binder.

15.33.320. Section 1007.3.4.4 added.

Section 1007.3.4.4 of the 1997 edition of the Uniform Fire Code, as adopted by this chapter, is hereby added to read as follows:

1007.3.4.4. Commercial (non-required fire alarm system). This section pertains to structures of a commercial nature wherein a fire alarm system is not required. All commercial structures with a non-required system shall be provided with a fire alarm system control panel. The system shall be installed and function as per Uniform Fire Code, Volume 2, 1997 Edition.

15.33.330 Section 1007.3.4.5 added.

Section 1007.3.4.5 of the 1997 edition of the Uniform Fire Code, Electrical inspection, as adopted by this chapter, is hereby added to read as follows:

1007.3.4.5 Electrical Inspection. All fire alarm system installations shall be inspected and approved by the Washington State Labor and Industries Electrical Division before final approval will be given.

15.33.340 3004.2. Dust Control UFC

Section 3004.2 of the 1997 Edition of the Uniform Fire Code is hereby amended to read as follows:

3004.2 Dust Control. Equipment and machinery located inside buildings which generates or emits combustible dust shall be provided with an approved dust-collection and exhaust system

installed in conformance with Article 76 of the 1997 Edition of the Uniform Fire Code and the 1997 Edition of the Uniform Mechanical Code. Equipment or systems that are used to collect, process or convey combustible dusts shall be provided with an approved explosion-control system.

15.33.350. Life Safety/Rescue Access.

All occupancies shall be required to provide approved life safety/rescue access.

EXCEPTIONS:

1. Group U Occupancies.
2. Roof access need not be provided to roof levels having slope greater than four in 12.

15.33.360. Alterations, repairs, and building additions.

Application of this section shall determine whether or not the construction of an addition, alteration or repair requires the entirety of a legal non-conforming structure to be brought into conformance with current codes. Regardless of whether or not this section requires the original structure to be made conforming, any addition, itself, shall be considered new construction and subject to the provisions of the current code.

Legal non-conforming buildings that currently exceed the square foot thresholds for fire alarms (3,000 square feet) and fire sprinkler systems (10,000 square feet), which are altered to change occupancy classification (change of use), building type or size (by adding square footage within the existing building foot print e.g., adding a second floor or additional mezzanine area, or by adding additional square footage beyond the existing foot print), shall comply with this code section.

Additionally, legal conforming buildings that are currently less than the established size thresholds (as noted above) , which secure building permits to increase the square footage beyond those thresholds, shall comply with this code section.

When the value of additions, alterations or repairs in any sixty-month period exceeds fifty percent of the existing building valuation, the entire building shall be brought into compliance with all current code requirements, including but not limited to, fire alarm and fire sprinkler system requirements. Existing building valuation shall be established by using the most current ICBO published cost/value per square foot of the building's current occupancy and type of structure, and then applying the same valuation table to the proposed work and any work completed within the past sixty-month period). The value of work completed within the past sixty-month period shall be added to the value of the proposed work and then compared to the present value of the building as it existed at the beginning of the applicable sixty-month period. This comparison shall determine whether the fifty

percent threshold has been or will be exceeded. Regional modifiers shall not be used to lower the valuation of either the existing building or the alterations. 100% of the ICBO table cost shall be applied.

EXCEPTIONS:

Existing buildings may be increased in size by up to twenty five percent of the original square footage, without requiring the entire original structure and addition to meet current code requirements for fire sprinkler systems, provided that all of the following are true:

1. The new square footage does not exceed the square footage limitations established for fire sprinkler systems.
2. There is not a change of use to the facility that would otherwise make current code requirements for fire sprinkler protection applicable.
3. There is sufficient water flow available for the existing structure as well as the proposed square footage increase; and
4. There is not a change to the building type that would otherwise make current code requirements for fire sprinkler protection applicable.

The exception above may be used only once per structure. To qualify for use of this exception, the owner of the property being modified must consent to having a document verifying such use filed with the county recorder. Such document shall be recorded on the title of the property to notify future owners that this exception has been used once and may not be used again. Recording shall occur prior to permit issuance

Notwithstanding anything else in this section, any addition to a structure that would cause the total square footage of the entire structure to exceed 3,000 square feet shall require the installation of an approved fire detection system throughout the structure. Similarly, any addition to a facility already in excess of 3,000 square feet shall require the installation of an approved fire detection system throughout the structure.

Section 1. Severability. If any section, sentence, clause or phrase of this ordinance should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any other section, sentence, clause or

phrase of this ordinance.

Section 2. Effective Date. This ordinance or a summary thereof consisting of the title shall be published in the official newspaper of the City, and shall take effect and be in full force five (5) days after publication.

PASSED by the City Council of the City of Woodinville this 12th day of August, 2002.

APPROVED:



SCOTT HAGEMAN, MAYOR

ATTEST/AUTHENTICATED:



SANDRA PARKER
CITY CLERK/CMC

APPROVED AS TO FORM:
OFFICE OF THE CITY ATTORNEY:



By: _____
JEFFREY TARADAY

FILED WITH THE CITY CLERK: 8-8-2002
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