

# CITY OF GLENDALE CONSTRUCTION CODE AMENDMENTS



## CODES ADOPTED

1997 UNIFORM BUILDING CODE  
1997 INTERNATIONAL MECHANICAL CODE  
1997 UNIFORM PLUMBING CODE  
1996 NATIONAL ELECTRICAL CODE  
1997 UNIFORM HOUSING CODE  
1997 UNIFORM CODE FOR THE  
ABATEMENT OF DANGEROUS BUILDINGS  
1997 UNIFORM FIRE CODE

ORDINANCE NUMBER 21, SERIES OF 1998  
EFFECTIVE JANUARY 20, 1999

## CHAPTER 15.04 - BUILDING AND CONSTRUCTION CODES

### ARTICLE I. IN GENERAL

**15.04.010 Title.** This ordinance shall be known as the Ordinance adopting the Uniform Building, Plumbing, Abatement Code, Housing Code, International Mechanical Code and National Electrical Code by reference and amendments to such codes.

**15.04.020 Standard Codes Adopted by Reference, As Amended.**

The following standard codes, as hereinafter amended, are hereby adopted by reference:

1. Uniform Building Code 1997 Edition, Volumes 1, 2, & 3 as published by the International Conference of Building Officials, including the generic fire- resistive assemblies listed in the Fire Resistance Design Manual, Fourteenth Edition, dated April 1994, published by the Gypsum Association as referenced in Tables 7-A, 7-B and 7-C of the specified Uniform Building Code, including Appendix Chapters 12-Division I, 13, 15, 29, 30, 33, and 34-Division I, and ANSI/ASME A17.1, 1987, Safety Code for Elevators and Escalators, including Supplements A17.1a-1988, A17.1b-1989, and to ANSI/ASME A17.3a-1986, Safety Code for Existing Elevators and Escalators, including Supplements A17.3a-1989, published by the American Society of Mechanical Engineers, and Structural Welding Code-Reinforcing Steel, AWS D1.4-92 (UBC Standard 19-1); American National Standard for Accessible and Useable Buildings and Facilities, A117.1-1992 (see Uniform Building Code Section 1101.2), published by the Council of American Building Officials; Load and Resistance Factor Design Specifications for Structural Steel Buildings, December 1, 1993 (Chapter 22, Division II); Specification for Structural Steel Buildings Allowable Stress Design and Plastic Design, June 1, 1989 (Chapter 22, Division III); Load and Resistance Factor Design Specification for Cold Formed Steel Structural Members, 1986 (with December, 1989 Addendum) (Chapter 22, Division VI); Specification for Design of Cold-Formed Steel Structural Members, 1986 (Chapter 22, Division VII); Standard Specification for Steel Joists, K-Series, LH-Series, DLH-Series and Joist Girders, 1994 (Chapter 22, Division IX); Structural Applications of Steel Cables for Buildings, ASCE 17-95 (Chapter 22, Division XI); and National Design Specification for Wood Construction, Revised 1991 Edition (Chapter 22, Division III, Part I), as modified or amended in the Uniform Building Code referenced herein.
2. Uniform Code for the Abatement of Dangerous Buildings 1997 Edition as published by the International Conference of Building Officials.
3. International Mechanical Code 1998 Edition as published by the International Code Council.
4. Uniform Plumbing Code 1997 Edition as published by the International Association of Plumbing and Mechanical Officials, including Appendix Chapters D and I.
5. Uniform Housing Code, 1997 Edition as published by the International Conference of Building Officials.
6. National Electrical Code, 1999 Edition as published by the National Fire Protection Association.
7. Uniform Fire Code, 1997 Edition, and Volumes 1 & 2 as published by the International Fire Code Institute.

## **ARTICLE II. UNIFORM BUILDING CODE - AMENDMENTS**

### **15.04.030 Section 105.1 amended - Board of Appeals**

Add the following paragraph to Section 105.1:

The Board shall be composed of five (5) members that serve for terms of four (4) years. The Board shall be appointed by the City Council and shall serve at their pleasure. Vacancies on the Board shall be filled by action of the City Council. The membership of the Board shall include:

- a. One registered engineer in the State of Colorado (structural, electrical or mechanical)
2. One licensed architect in the State of Colorado
3. Two building contractors licensed in the City of Glendale
4. One representative recommended by the Fire Chief of the City of Glendale

### **15.04.040 Section 105.2 replaced - General authority and responsibility of board.**

Replace Section 105.2 with the following:

105.2 Code Interpretation. The Board shall be charged with the responsibility of reasonable interpretation of all codes adopted by the City which are administered by the Building Department. The Board may make minor variances from the provisions of said codes, so long as said minor variances, when granted, are consistent with the intent of the said codes and standards therein specified.

105.2.1 Adoption of Regulations. The Board shall have the authority to propose rules and regulations and standards as may be necessary to accomplish the purposes and objectives of the Board.

105.2.2 Licensing. The Board shall be the duly authorized licensing authority for granting, suspending and revoking all contractor licenses provided for in the regulations governing the licensing of contractors.

105.2.3 Appeals. Appeals from the decisions of the Board shall be made to the City Council within thirty (30) days after the receipt of said decision.

#### **105.5 Board Organization And Meetings**

105.5.1 Election of Chairman. The Board, as its first official act in each appointment year, shall elect a chairman and vice chairman.

105.5.2 Minutes, Quorum, Meetings. Minutes shall be maintained of all meetings and be made a permanent public record. To constitute a quorum, at least a majority of the entire membership of the Board shall be present. The Board shall meet as necessary for the conduct of business. Questions shall be decided by a simple majority.

105.6 Liability Of Members. Any member or members of the Board provided for herein, acting in good faith and without malice for the City in the discharge of their duties shall not thereby render themselves personally liable. Said members are hereby relieved from all personal liability for any damage that may accrue to persons or property as a result of any act required, or by reason of any act or omission related to the discharge of their duties. Any suit brought against a member or members of the Board as provided for herein, because of such act or omission performed by them in the discharge of their duties, shall be defended by the City until final termination of the proceedings.

#### **15.04.050 Section 106.3.6 added - Plans for Fire Alarm Systems**

Add a new subsection 106.3.6 as follows:

106.3.6 Plans and specifications for fire alarm and fire sprinkler systems shall be submitted to the Fire Department for approval. Specifications are to list components by brand name and type whenever possible, and drawings showing actual locations for system components are to accompany the specifications. The plans shall be drawn and submitted by a sprinkler contractor licensed by the State of Colorado.

#### **15.04.060 Section 107.3 amended - Plan Review Fees**

Delete the words "at the time of submitting the submittal documents for plan review " in the first sentence of Section 304.3. The sentence would read "When submittal documents are required by Section 302.2, a plan review fee shall be paid.

#### **15.04.070 Section 107.7, 107.8, 107.9 & 107.10 added - Miscellaneous Permits**

Add new sections 107.7, 107.8, 107.9 & 107.10 as follows:

107.7 Foundation Permits.

107.7.1 General. A foundation permit may be issued prior to the issuance of the building permit for the building provided all of the following are met.

- a. The total valuation of the project, excluding utilities, exceeds two hundred thousand dollars (\$200,000.00).
- b. Drawings of the proposed superstructure containing sufficient detail relating to the design of the foundation or substructure are submitted to validate the design of footings or caissons and all other substructure elements.
- c. All approvals required by the appropriate City agencies are obtained prior to issuance of the permit.

107.7.2 Fee. The Fee shall be 25 percent of the fee calculated for the total valuation of the entire construction from Table 1-A. The regular permit fee shall be charged in addition to the foundation permit fee at the time the permit for the entire project is issued.

107.7.3 Deviations. Any deviation from the approved foundation permit drawings shall be cause for revocation of the foundation permit unless changes are submitted with engineering calculations and revised drawings, the deviations may be approved by the Department.

107.7.4 Responsibility. The contractor shall assume full responsibility for the installation of all utilities in the substructure. Any changes in design or construction to meet the requirements of this Code for combined substructure and superstructure shall be the sole responsibility of the contractor. A permit issued under this section shall not be construed as approval for any portion of this structure not covered by the foundation permit.

304.8 Phased Construction Permits.

107.8.1 General. The building official may issue permits for the construction of a portion or phase of a building, structure, or utility prior to the submission of the complete drawings and specifications, provided both of the following conditions are met:

- a. The approval of appropriate City agencies has been obtained prior to application for the initial permit, and
- b. The valuation of that portion of the work, including utilities, is stated on each application.

107.8.2 Fees. Building permit fees for phased construction shall be assessed at twice the amount of those specified in Table 1-A. A permit issued under this Section shall not be construed as approval for any portion of the structure not covered by the permit.

107.9 Moving and Demolition Permits. The fee for each moving and demolition permit shall be \$50.00.

107.10 Electrical Permits. The electrical permit fee for wiring in dwelling units shall be computed from table 1-B based on the enclosed living area. The fee for all other uses shall be computed from Table 1-C using ten percent (10%) of the total structure valuation for new construction or the actual contract figures for alterations and additions to an existing structure.

Table 1-B Residential Electrical Permit Fees

ENCLOSED LIVING AREA	FEES
Not more than 1,000 sq. ft.	\$34.50
1,001 sq. ft. and not more than 1,500 sq. ft.	\$57.50
1,501 sq. ft. and not more than 2,000 sq. ft.	\$74.50
2,001 sq. ft. and larger	\$74.50 for the first 2,000 sq. ft. plus \$3.00 for each additional 100 sq. ft., or fraction thereof.

Table 1-C Electrical Permit Fees (All Other Uses)

VALUATION	FEES
Up to \$300.00	\$28.75
\$300.01 to \$2,000.00	\$34.50
\$2,001.01 to \$50,000.00	\$16.00 per \$1,000.00 or fraction thereof of the total valuation.
\$50,000.01 to \$500,000.00	\$14.75 per \$1,000.00 or fraction thereof of the total valuation plus \$57.50.
Over \$500,000.00	\$13.75 per \$1,000.00 or fraction thereof of the total valuation plus 632.50.

**15.04.080 Sections 109.7 and 109.8 added - Certificate of Occupancy**

Add new Section 109.7 and 109.8 as follows:

109.7 No Certificate of Occupancy shall be issued until all site work including site cleanup, landscaping, grading, drainage, paving and offsite improvements have been completed. In the case of buildings or structures completed during the months of May through September, cleanup and landscaping may be completed within 60 days of issuance of a Temporary Certificate of Occupancy upon payment of a cleanup and landscaping deposit. In the case of buildings, or structures completed during the months of November through April, a temporary certificate of occupancy may be issued and cleanup and landscaping shall be completed by the end of the ensuing June upon payment of a cleanup and landscaping deposit.

The deposit shall be paid in cash and shall be paid to the City of Glendale. In lieu of cash, and upon showing to the City that adequate security will be provided thereby, the deposit may be a letter of credit, written commitment of a completion bond including written undertaking of the surety to complete all work upon demand of the City. The amount of the deposit required shall be 150 % of the current bid by a reputable contractor, good for a sufficient time to complete such work, or upon some other basis deemed appropriate by the building official. In computing the amount of the deposit, partial completion shall be taken into consideration. Further, as landscaping is satisfactorily completed, the building official in his discretion may release corresponding amounts of the deposit. Application for such release shall not be made more often than monthly. Satisfactory completion of landscaping items agreed to with the City before approval of a given site plan for a project, including lawn sprinkler system, grading, drainage, paving and lighting. Any interest earned on the deposit shall be paid to the permit holder.

109.8 Construction sites and adjacent roadways shall be kept clean and orderly at all times. If it becomes necessary for the City of Glendale to clean and/or haul debris or material from the site, after reasonable notice to do so, all costs for such services shall be charged to the permit holder. All fees for such work shall be payable at the time a certificate of occupancy is issued. Construction debris shall be stored in one general location on the site and shall be removed weekly by the permit holder or his agent.

**15.04.090 Section 403.9 amended - Stairway Doors**

Delete Section 403.9 #1 and replace with the following:

1. Every stairway door shall allow reentry from the stairwell to the interior of the building, or an automatic release shall be provided to unlock all stairwell doors to allow reentry. Such automatic release shall be actuated with the initiation of the building fire alarm system. The release shall also unlock upon loss of power controlling the lock or locking mechanism.

EXCEPTION: Selected doors on stairways of Group B Occupancies may be equipped with hardware that prevents reentry into the interior of the building provided all of the following are met.:

- 1. There are at least two levels where it is possible to leave the stairwell other than the top and bottom exits;
- 2. There shall not be more than four floors intervening between floors where it is possible to leave the stairwell;
- 3. Reentry is possible on the top or next to top floor permitting access to another exit;

4. Doors permitting reentry are identifiable as such on the stairwell side of the door; and
5. Reentry doors shall open into a corridor complying with Section 1005.7 and having direct access to another required exit.

#### **15.04.100 Table 8-B amended - Interior Flame Spread**

Chapter 8. Amend as follows:

Except in R-1 and R-3 occupancies, change all Class III flame-spreads to class II.

#### **15.04.110 Section 904 amended - Fire Extinguishing Systems**

Amend Section 904 as follows:

1. Section 904.2.2 Delete in its entirety
2. Section 904.2.3 **Group A Occupancies**. Delete the entire subsection including Sections 904.2.3.1, 904.2.3.2, 904.2.3.3, 904.2.3.4, 904.2.3.5, 904.2.3.6, and 904.2.3.7 and replace with the following:  
  
904.2.3 Group A Occupancies. An automatic fire sprinkler system shall be installed in all Group A occupancies where the floor area exceeds 500 square feet.
- C. Section 904.2.4.1 **Group E Occupancies**. Delete the entire sub section including sections 904.2.4.2 and 904.2.4.3 and replace with the following:  
  
904.2.4 Group E Occupancies. An automatic fire sprinkler system shall be installed in all Group E occupancies.
4. Section 904.2.5 **Group F Occupancies**. Delete the entire sub section including sections 904.2.5.1 and replace with the following  
  
904.2.5 Group F Occupancies. An automatic fire sprinkler system shall be installed in all Group F Occupancies where the floor area exceeds 500 square feet.
- E. Section 904.2.6 **Group H Occupancies**. Delete the entire subsection including 904.2.5.1, 904.2.5.2 and 904.2.5.3 and replace with the following:  
  
904.2.6.1 Group H Occupancies. An automatic fire-extinguishing system shall be installed in all Group H Occupancies.  
  
Section 904.2.6.2 Group H, Division 6 Occupancies. The design of the sprinkler system in Group H, Division 6 Occupancies shall not be less than that required under UBC Standard 9-1 for the occupancy hazard classification as follows.  
  
Table to remain
- F. Section 904.2.8 **Group M Occupancies** Delete entire section and replace with the following:  
  
904.2.8 Group M Occupancies. An automatic fire sprinkler system shall be installed in Group M Occupancies where the floor area exceeds 500 square feet.

G. Section 904.2.9 **Group R Occupancies**. Delete the entire section and replace with the following:

904.2.8 Group R Occupancies. An automatic fire sprinkler systems shall be installed in all Group R, Division 1 and Division 3 Occupancies.

EXCEPTION: Detached single family dwelling

H. Add a new section 904.2.10 **Group B Occupancies** as follows:

904.2.10 Group B Occupancies. An automatic fire sprinkler system shall be installed in all Group B Occupancies where the floor area exceeds 500 square feet.

I. Add a new section 904.2.11 **Group S Occupancies** as follows:

904.2.11 Group S Occupancies. An automatic fire sprinkler system shall be installed in all Group S Occupancies where the floor area exceeds 500 square feet.

J. Delete the first paragraph of Section 904.3.1 and replace with the following:

Sec. 904.3.1. All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically supervised.

15.04.120 Section 3102 amended - Chimneys, Fireplaces and Barbeques

1. Add a new section **3102.8 Pollution Control** as follows:

**3102.8 Pollution Control.** Any new or remodeled fireplace installed in any occupancy shall be one of the following:

1. A gas appliance
2. An electric device
3. A Phase III wood stove or fireplace insert
4. A site-built fireplace that complies with the State of Colorado Regional Air Quality Commission regulations regarding air pollution.

**15.04.120 Section 2410 added - Exterior Glazing**

Add a new Section 2410, Exterior Glazing.

2410 Exterior Glazing. All exterior glazing shall have a reflectance rating less than 0.20.

**15.04.130 Appendix Chapter 13 amended - Energy Conservation**

Amend table 302.1 of the Model Energy Code as follows:

302.1 Exterior Design

EXTERIOR DESIGN CONDITIONS		
Winter Degrees	Design Dry-Bulb	0?
	Design Dry-Bulb	93?

Summer Degrees	Design Dry-Bulb	65?
Degrees Days Heating		6400
Degree Days Latitude		40?

**15.04.140 Appendix Chapter 30 amended - Elevators**

Delete Section 3011.5 and replace as follows:

3011.5 Fees. A fee for each permit or certificate of inspection shall be paid to the building official as follows:

New Installations and major alterations:

Fees for new installations and major alterations shall be set forth in Table No. 1-A. Installation fees include charges for the first year's annual inspection fee.

Exception: Elevators installed as a part of a structure having a valid building permit are not required to have a separate permit for such work.

Annual Certificates of Inspection:

For each elevator	\$132.50
For each escalator or moving walk	\$55.00
For each commercial dumbwaiter	\$55.00

## **ARTICLE III. UNIFORM CODE FOR THE ABATEMENT OF DANGEROUS BUILDINGS - AMENDMENTS**

### **15.04.150 Section 205.1 amended - Board of Appeals**

Section 205.1 change to read:

205.1 The Board of Appeals shall be as outlined in Section 105 of the Building Code.

# ARTICLE IV. INTERNATIONAL MECHANICAL CODE - AMENDMENTS

## **5.04.160 Section 101.1 amended- Jurisdiction**

Insert "City of Glendale" in space for [NAME OF JURISDICTION]

## **15.04.170 Section 106.5.2 amended - Fee Schedule**

Insert "Table 1-A of the Uniform Building Code" in the space for [JURISDICTION TO INSERT APPROPRIATE SCHEDULE]

## **15.04.180 Section 106.5.3 amended - Fee Refunds**

Insert "80%" in item #2 and #3 in spaces for [SPECIFY PERCENTAGE]

## **15.04.190 Section 108.4 amended - Violations**

Insert "misdemeanor" in space for [SPECIFY OFFENSE], "one thousand dollars (\$1,000.00)" in space for [AMOUNT], and "one (1) year" in space for [NUMBER OF DAYS].

## **15.04.200 Section 108.5 amended - Stop Work Orders**

Delete the last sentence and replace with:

Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine or imprisonment as outlined in Section 108.4.

## **15.04.210 Section 926 deleted - Unvented Room Heaters**

Delete Section 926 in its entirety

## **15.04.220 Chapter 16 amended - Codes**

The codes referenced in Chapter 16 are designated as the Uniform Building Code and the Uniform Fire Code as adopted by the City of Glendale.

## **ARTICLE V. UNIFORM PLUMBING CODE - AMENDMENTS**

### **15.04.230 Section 103.4.1 amended - Permit Fees**

Revise Section 103.4.1 to read as follows:

Permit Fees. The fees for each permit shall be set forth in Table 1-A of the Uniform Building Code.

### **15.04.240 Table 1-1 deleted - Permit Fee Schedule**

Delete Table 1-1, Plumbing Permit Fees.

### **15.04.250 Chapter 2 amended - Definitions**

Add the following definition to Section 204.0

*Branch Interval:* A branch interval is a vertical section of soil or waste pipe, corresponding in general to one story in height, but in no case less than 8 feet or more than 15 feet in length, within which horizontal branches are connected.

### **15.04.260 Section 313.10 added - Piping not to penetrate air ducts.**

Add a new Section 313.10 as follows:

313.10 Drainage, waste, or vent piping shall not penetrate air ducts unless approved by the building official.

### **15.04.270 Section 414 added - Maximum flow and water consumption**

Add a new Section 414 to read:

Section 414. Maximum flow and water consumption. The maximum water consumption flow rates and quantities for all plumbing fixtures and fixture fittings shall be in accordance with Table 414. Water consumption for water closets listed in the following exceptions shall not be greater than 4 gallons (15 L) per flushing cycle. Water consumption for urinals listed in the following exceptions shall not be greater than 1.5 gallons (5.7 L) per flushing cycle.

Exceptions:

1. Blowout design fixtures.
2. Penalware
3. Clinical sinks.
4. Service sinks
5. Emergency showers.
6. Water closets provided for the public in theaters, nightclub, restaurants, halls, museums, coliseums, arenas, churches, stadiums and similar occupancies.
7. Water closets provided for patients and residents in hospitals, nursing homes, sanitariums and similar occupancies.
8. Water closets provided for inmates and residents in prisons, asylums, reformatories and similar occupancies.

TABLE 414  
 MAXIMUM FLOW RATES AND CONSUMPTION  
 FOR PLUMBING FIXTURES AND FIXTURE FITTINGS

PLUMBING FIXTURE OR FIXTURE FITTING	MAXIMUM FLOW RATE OR QUANTITY
Water Closet	1.6 gallons per flushing cycle
Urinal	1.0 gallon per flushing cycle
Shower head	2.5 gpm at 80 psi
Lavatory, private	2.5 gpm at 60 psi
Lavatory, public	0.5 gpm at 80 psi
Lavatory, public, metering or self closing	0.25 gallon per metering cycle
Sink faucet	2.5 gpm at 60 psi

For SI: 1 gallon = 3.785 L. 1 gpm = 3.785 L/m. 1 psi = 6.895 kPa.

**15.04.280 Section 605.8 added - Water supply control**

Add a new Section 605.8 to read:

"Water-Supply control. A main shutoff valve on the water-service pipe shall be provided near the curb in a location approved by the Public Works Director."

**15.04.290 Section 707.15 added - Cleanout openings**

Add a new Section 707.15 to read:

Clean-out openings shall not be used for the installation of fixtures, drains, or traps.

**15.04.300 Section 707.16 added - Water closet as cleanout.**

Add a new Section 707.16 to read:

707.16 The water closet as clean-out. A water closet may be used as a clean-out for that part of the drainage system below it, when such water closet is easily removable, is connected to an extra heavy cast-iron closet bend and is set on an earth supported concrete slab floor.

## ARTICLE VI UNIFORM HOUSING CODE - AMENDMENTS

### 15.04.310 Section 203.1 replaced - Housing advisory and appeals board.

The first sentence of Section 203.1, is deleted and replaced with the following:

203.1. General. A Housing Advisory and Appeals Board consisting of seven (7) members, including the members of the Building Board of Appeals, a manager or owner of an apartment building, and a tenant of an apartment building. The manager and tenant members shall be appointed by the City Council and shall serve a term of four (4) years. This Board shall hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretations of this code.

### 15.04.320 Section 204 amended - Violations

Section 204 shall be amended to include the following at the end of the section:

Any person, firm or corporation, including the property owner violating any of the provisions of this Code or failing, neglecting or refusing to obey any final order of the building official or the Housing Advisory and Appeals Board may be issued a summons and complaint to appear in the Glendale Municipal Court. Such summons and complaint shall include the name of the property owner as a defendant. Upon conviction of any such violation, such person, firm or corporation shall be punished by a fine not exceeding One Thousand dollars (1,000.00) and or imprisonment not exceeding one (1) year, or both such fine and imprisonment. The City of Glendale reserves the right to take such further legal action as it deems appropriate.

### 15.04.330 Section 401 amended - Definitions.

Section 401 is amended to include following definition:

**BUILDING**, for the purpose of this Code, is any structure or portion thereof, including a dwelling unit as defined in the Building Code, used or intended for supporting or sheltering of group R occupancy.

The following definitions in section 401 are amended as follows:

**HEALTH OFFICER**, is the legally designated head of the Department of Health of this jurisdiction. This shall include the Building Official, and any other official designated by the City Manager under Section 416 of the Charter of the City of Glendale, entitled, "Providing for Public Health and Safety". This officer shall be charged specifically with the enforcement of the nuisance provisions as outlined in this section and such other tasks as the Manager may assign.

**NUISANCE**. The following shall be defined as nuisances:

2. Any attractive nuisance that may prove dangerous to children whether in a building, on the premises of a building or on an unoccupied lot. Attractive nuisance includes any abandoned wells, shafts, basements or excavations; abandoned major appliances, motor vehicles; structurally unsound fences or structures; or lumber, trash, fences, debris or vegetation that may prove a hazard for inquisitive minors; or any ineffectively secured swimming pools.

4. Overcrowding a room with occupants. For the purpose of this section, dwelling units occupied by more than three (3) persons per sleeping room shall be deemed to be overcrowded.

(Remaining items in this definition are to be continued)

**15.04.340 Section 701.1 amended - Heating**

Section 701.1 is amended to read as follows:

Sec. 701.1 Heating. Dwelling units shall be provided with heating facilities capable of maintaining a room temperature of 65° F (18° C) in all habitable rooms, bathrooms and toilet rooms based on the winter outdoor design temperature of 1° .

Add a new section 701.1.1 Heat Supply as follows:

Sec. 701.1.1 Heat Supply. Every owner and operator of any dwelling unit shall supply heat during the period from September 1 to May 31 to maintain a temperature of not less than 65° F (18° C) in all habitable rooms, bathrooms, and toilet rooms.

**15.04.350 Section 1101.2 amended - Notice and Order**

Subsection 1101.2 item #4 is amended to read as follows:

4. Statements advising that if any required repair or demolition work (without vacations also being required) is not commenced within the time specified, the building official may order the building or the unit(s) in need of repair vacated and posted to prevent further occupancy until the work is completed, and that failing to comply with such order constitutes a violation of this code.

**15.04.360 Section 1401.3 amended - Failure to commence work**

Section 1401.3, item #3 is amended to read as follows:

3. Failure to commence such work within the time limits set forth by the building official shall constitute a violation of this code.

**15.04.370 Chapters 15 deleted - Performance of work or repair or demolition**

Chapter 15 is deleted in its entirety.

**15.04.380 Chapter 16 deleted - Recovery of cost of repair or demolition.**

Chapter 16 is deleted in its entirety.

## **ARTICLE VII. NATIONAL ELECTRICAL CODE - AMENDMENTS**

### **15.04.390 Article 90-10 amended - Registration Required**

Article 90 is amended with the addition of the following section:

90-10. Registration required. All electrical contractors engaged in electrical construction shall be registered under the terms of Chapter 5.16 of this code, prior to undertaking any work or contracts and/or applying for any type of electrical permits.

### **15.04.400 Article 230-70(a) amended - Disconnecting means location**

Article 230-70(a) is amended with the addition of the following sentence:

Such disconnecting means shall be in a location approved by the chief of the fire department.

### **15.04.410 Article 300-1 (c) amended - Prohibited electrical wiring**

Add a new Section 300-1(c).

- (c) The installation of the following types of electrical wiring and materials shall be prohibited:
1. Aluminum wire smaller than No. 6AWG.
  2. Rigid nonmetallic conduit shall not be used other than underground or in concrete.

**ARTICLE I. GENERAL PROVISIONS****15.08.010 Adoption**

There is hereby adopted by the City Council of the City of Glendale, Colorado for the purpose of prescribing regulations governing conditions hazardous to life and property from fire, hazardous materials or explosion, that certain Code and Standards known as the Uniform Fire Code, including Appendix Chapters I-A, I-B, I-C, II-A, II-E, II-E-I, II-F, II-G, III-A, III-B, III-C, IV-B, V-A, VI-6, VI-C, VI-D, and the Uniform Fire Code Standards published by the Western Fire Chiefs Association and the International Conference of Building Official, being particularly the 1997 editions thereof and the whole thereof, save and except such portions as are hereinafter deleted, modified or amended by section 8 of this ordinance, three (3) copies of which Code and Standards have been and are now filed in the office of the clerk of the City of Glendale, Colorado and the same are hereby adopted and incorporated as fully as if set out at length herein, and from the date on which this ordinance shall take effect, the provision thereof shall be controlling within the limits of the City of Glendale, Colorado.

**15.08.020 Bureau of fire prevention established - Duties**

The Uniform Fire Code shall be enforced by the Bureau of Fire Prevention in the Fire Department of the City of Glendale, Colorado which is hereby established and which shall operate under the supervision of the chief of the fire department.

**15.08.030 Jurisdiction defined**

Wherever the work "jurisdiction" is used in the Uniform Fire Code, it is the City of Glendale, Colorado.

**15.08.040 Storage of flammable liquids in outside above ground tanks is restricted.**

The limits referred to in Sections 7902.2.2.1 and 7904.2.5..4.2 of the Uniform Fire Code in which the storage of flammable or combustible liquids is restricted are hereby established as follows: Quantities not to exceed one hundred (100) gallons unless approved by the chief.

**15.08.050 Storage of liquefied petroleum gases restricted.**

The limits referred to in Section 8204.2 of the Uniform Fire Code in which storage of liquefied petroleum gas is restricted, are hereby established as follows: Quantities not to exceed five hundred (500) gallons unless approved by the chief.

**15.08.060 Storage of explosives and blasting agents restricted.**

The limits referred to in section 7701.7.2 of the Uniform Fire Code, in which storage of explosives and blasting agents is prohibited, are hereby established as follows: Not allowed in the City of Glendale, Colorado unless approved by the chief.

**15.08.070 Storage of compressed natural gas restricted.**

The limits referred to in Section 5204.5.2 of the Uniform Fire Code in which the storage of compressed natural gas is restricted, are hereby established as follows: Not allowed in the City of Glendale, Colorado unless approved by the chief.

**15.08.080 Storage of Stationary tanks of flammable cryogenic fluids restricted.**

The limits referred to in Section 3-1.5 of the Uniform Fire Code Standard 80-3 in which the storage of flammable cryogenic fluids in stationary containers is prohibited, are hereby established as follows; Not allowed in the City of Glendale, Colorado unless approved by the chief.

**15.08.080 Storage of hazardous materials restricted.**

The limits referred to in Section 8001.1.1 of the Uniform Fire Code in which the storage of hazardous materials is prohibited or limited is hereby established as follows: Not allowed in the City of Glendale, Colorado unless approved by the chief.

## ARTICLE II. UNIFORM FIRE CODE - AMENDMENTS

### 15.08.090 Amendments - General

The Uniform Fire Code is amended and changed as set out in this article.

### 15.08100 Section 902 amended - Fire department access.

1. 902.2.2.1 Dimensions – Change to read.

Fire department access roads shall have an unobstructed width of not less than twelve (12) feet and an unobstructed vertical height of not less than thirteen (13) feet six (6) inches.

2. 902.2.2.3 Turning radius – Change to read.

The outside turning radius of all fire apparatus access roads shall be a minimum of forty-five (45) feet.

3. 902.2.2.6 Grade – Change to read.

The gradient for a fire apparatus access road shall not exceed five percent (5%).

4. 902.2.2.7 Access from Public Roads – Add.

All private fire access roads must be connected on at least one end to a public road or street, a private access road, or a private driveway.

5. 902.2.2.8 Curb Cut/Ramp – Add.

The connection of private access roads, driveways, or fire lanes to the public street or road shall be by a means of a curb cut and ramp to the elevation of the required access.

6. 902.2.4.3 Gates, Chains/Locks – Add.

All gates, chains, and locks limiting access to private access roads, driveways, and fire lanes shall be approved by the Fire Chief prior to installation.

7. 902.2.4.4 Maintenance/Snow Removal – Add

Private access road, driveway, fire lanes, and their accessories, e.g. signs, gates, and locks shall be maintained in good condition, clear of debris and snow. Markings and signs shall be legible so as to be readily accessible and visible at all times. Inspection of these areas will be done in conjunction with the normal building fire inspection. Failure to properly maintain a private access road, driveway, or fire lane shall be treated as a fire prevention violation.

8. 902.2.4.5 Owner responsibility – Add.

The installation and maintenance of all private access roads, driveways, and fire lanes shall be done by the property owner or his designee at the owner's expense.

1. 902.2.4.6 Marking – Add.

Signs and their placement: signs stating "NO PARKING, FIRE LANE, TOW AWAY ZONE" shall be provided for all fire lanes. The maximum spacing for fire lane signs shall be thirty (30) feet on center. Signs for private access roads and driveways shall be provided when required by the Fire Department.

10. 902.2.4.7 Marking/Painting – Add.

The marking and painting of private access roads, driveways, and fire lanes shall be as required by the Fire Department, based upon individual conditions.

11. 902.4 Key Boxes – Change to read.

When access to or within a structure or an area is unduly difficult because of secured openings or where immediate access is necessary for life-saving or fire fighting purposes, or when a building is protected by a City of Glendale monitored fire alarm or fire sprinkler system a key box shall be provided in an accessible location. The key box shall be of a type approved by the chief and shall contain keys to gain necessary access as required by the chief.

#### **15.08.110 Section 1003 amended - Fire extinguishing systems.**

1. Section 1003.2.2 Delete in its entirety

2. Section 1003.2.3 **Group A Occupancies**. Delete the entire subsection including Sections 1003.2.3.1, 1003.2.3.2, 1003.2.3.3, 1003.2.3.4, 1003.2.3.5, 1003.2.3.6, and 1003.2.3.7 and replace with the following:

1003.2.3 Group A Occupancies. An automatic fire sprinkler system shall be installed in all Group A occupancies where the floor area exceeds 500 square feet.

- C. Section 1003.2.4 **Group E Occupancies**. Delete the entire sub section including sections 1003.2.4.2 and 1003.2.4.3 and replace with the following:

1003.2.4 Group E Occupancies. An automatic fire sprinkler system shall be installed in all Group E occupancies.

5. Section 1003.2.5 **Group F Occupancies**. Delete the entire sub section including sections 1003.2.5.1 and replace with the following

1003.2.5 Group F Occupancies. An automatic fire sprinkler system shall be installed in all Group F Occupancies where the floor area exceeds 500 square feet.

- E. Section 1003.2.6 **Group H Occupancies**. Delete the entire subsection including 1003.2.6.1, 1003.2.6.2 and 1003.2.6.3 and replace with the following:

1003.2.6.1 Group H Occupancies. An automatic fire-extinguishing system shall be installed in all Group H Occupancies.

1003.2.6.2 Group H, Division 6 Occupancies. The design of the sprinkler system in Group H, Division 6 Occupancies shall not be less than that required under UBC Standard 9-1 for the occupancy hazard classification as follows.

Table to remain

- F. Section 1003.2.8 **Group M Occupancies** Delete entire section and replace with the following:

1003.2.8 Group M Occupancies. An automatic fire sprinkler system shall be installed in Group M Occupancies where the floor area exceeds 500 square feet.

- G. Section 1003.2.9 **Group R Occupancies**. Delete the entire section and replace with the following:

1003.2.9 Group R Occupancies. An automatic fire sprinkler systems shall be installed in all Group R, Division 1 and Division 3 Occupancies.

EXCEPTION: Detached single family dwelling

- H. Add a new section 1003.2.10 **Group B Occupancies** as follows:

1003.2.10 Group B Occupancies. An automatic fire sprinkler system shall be installed in all Group B Occupancies where the floor area exceeds 500 square feet.

- I. Add a new section 1003.2.11 **Group S Occupancies** as follows:

1003.2.11 Group S Occupancies. An automatic fire sprinkler system shall be installed in all Group S Occupancies where the floor area exceeds 500 square feet.

- J. Delete the first paragraph of Section 1003.3.1 and replace with the following:

Sec. 1003.3.1 Where required. All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically monitored where the number of sprinklers are:

1. Twenty (20) or more in all occupancies. Valve monitoring and water-flow alarm and trouble signals shall be distinctly different and shall be automatically transmitted to a City of Glendale Master Alarm Panel.

Exception: Underground key or hub valves in roadway boxes provided by the municipality or public utility need not be monitored.

#### **15.08.120 Table 1004.2 amended - Standpipes**

Table 1004.2 is amended as follows:

No hose required for non-sprinklered and sprinklered buildings for all occupancies.

15.08.130 Article 1007.3.3.6.1 amended - Monitoring - General

Section 1007.3.3.6.1 is deleted and replaced with the following:

Sec. 1007.3.3.6.1 General. When required by the chief, fire alarm systems shall be monitored by the Glendale Dispatch Center.

**15.08.140 Article 7701.1 amended - Explosive materials**

Delete exception # 3 under Section 7701.1

**15.08.150 Appeals**

Whenever the chief disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code do not apply or that the true intent and meaning of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decision of the chief to the City of Glendale Board of Appeals within 30 days from the date of the decision appealed.