

BUILDING STANDARDS COMMISSION

2525 Natomas Park Drive, Suite 130
Sacramento, California 95833-2936
(916) 263-0916 FAX (916) 263-0959



April 06, 2011

Mr. Raymond Tao, Building Official
Building Standards Code Local Modifications Filing
City of Diamond Bar
21825 Copley Drive
Diamond Bar, California 91765-4178

Dear Mr. Raymond Tao:

This letter is to acknowledge receipt on February 7, 2011 of the City of Diamond Bar submittal pertaining to Ordinance No. 5 (2010)U with findings and is acceptable for filing. Per Health and Safety Code Section 17958.8 no modification or change to the California Building Standards Code shall become effective or operative for any purpose until the finding and the modification or change have been filed with the California Building Standards Commission (the Commission).

This letter attests only to the filing of these local modifications with the Commission, which is not authorized by law to determine the merit of the filing.

As a reminder, local modifications are specific to a particular edition of the Code. They must be readopted and filed with the Commission in order to remain in effect when the next triennial edition of the Code is published. In addition, should you receive Fire Protection District ordinances for ratification, it is required to submit the ratified ordinances to the Department of Housing and Community Development [H&SC Section 13869.7(c)], attention State Housing Law Program Manager, rather than the Commission.

If you have any questions or need any further information, you may contact me at (916) 263-0916.

Sincerely,

A handwritten signature in black ink, appearing to read "Enrique M. Rodriguez".

Enrique M. Rodriguez
Associate Construction Analyst

cc: Chron
Local Filings



City of Diamond Bar

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January 20, 2011

Mr. Dave Walls
Executive Director
California Building Standards Commission
2525 Natomas Park Dr., Suite 130
Sacramento, California 95833-2936

RE: City of Diamond Bar, 2010 California Building Standards Code Local Modifications Filing

Mr. Dave Walls:

The City of Diamond Bar has adopted the current Building, Residential, Green Building Standards, Plumbing, Mechanical and Electrical, and Fire Codes of the State of California with local modification based on local climatic, geological, and topographic conditions as per CA Health & Safety Code (H&SC) 17958.7.

The City of Diamond Bar has recommended changes and modifications to the Codes and have advised that certain said changes and modifications to the 2010 Editions of the California Building, Residential, Green Building Standards, Plumbing, Mechanical and Electrical, and Fire Codes are reasonably necessary due to local conditions in the City of Diamond Bar and have further advised that the remainder of said changes and modifications are of an administrative or procedural nature, or concern themselves with subjects not covered by the Code or are reasonably necessary to safeguard life and property within the City of Diamond Bar.

The enclosed City Ordinance No.5 (2010)U and the accompanying Resolution 2010-41 are for your files.

If additional information is desired please telephone this office at (909) 594-9702.

Sincerely,

Raymond Tao
Building Official

Steve Tye
Mayor

Ling-Ling Chang
Mayor Pro Tem

Ron Everett
Council Member

Carol Herrera
Council Member

Jack Tanaka
Council Member

ORDINANCE NO. 5 (2010) U

AN URGENCY ORDINANCE OF THE CITY OF DIAMOND BAR AMENDING TITLE 15 OF THE DIAMOND BAR CODE ADOPTING, BY REFERENCE, THE "CALIFORNIA BUILDING CODE", 2010 EDITION, VOLUMES 1 AND 2, INCLUDING ALL APPENDICES C, I, AND J THERETO, CHAPTER 1 DIVISION II OF THE 2010 CALIFORNIA BUILDING CODE AS THE ADMINISTRATIVE CODE, THE "CALIFORNIA MECHANICAL CODE", 2010 EDITION AND THE APPENDICES THERETO, THE "CALIFORNIA PLUMBING CODE", 2010 EDITION AND THE APPENDICES THERETO, THE "CALIFORNIA ELECTRICAL CODE", 2010 EDITION AND THE APPENDICES THERETO, THE "CALIFORNIA RESIDENTIAL CODE", 2010 EDITION, INCLUDING APPENDICES G, H, J, K, AND O THERETO, "THE CALIFORNIA GREEN BUILDING CODE", 2010 EDITION WITHOUT THE APPENDICES THERETO, TOGETHER WITH CERTAIN AMENDMENTS, ADDITIONS, DELETIONS AND EXCEPTIONS INCLUDING FEES AND PENALTIES AND AMENDING THE DIAMOND BAR MUNICIPAL CODE AND DECLARING THE URGENCY THEREOF

A. Recitals.

(i) Section 17922 of the California Health & Safety Code mandates the adoption, by reference, of the International Code Council (ICC) codes.

(ii) At least one copy of each of the codes and standards identified in this Ordinance and certified as full, true and correct copies thereof by the City Clerk of the City of Diamond Bar have been filed in the office of the City Clerk of the City of Diamond Bar in accordance with the provisions of California Government Code § 50022.6.

(iii) All legal prerequisites to the adoption of this Ordinance have occurred.

B. Ordinance.

NOW, THEREFORE, the City Council of the City of Diamond Bar does hereby find, determine and ordain as follows:

Section 1:

Division 2 of Chapter 15.00 of the Diamond Bar City Code is amended to read, in words and figures, as follows:

DIVISION 2. Appendix Chapter 1 DIVISION II ADMINISTRATION CODE

"Sections:

15.00.110 Administration Code - Adopted
15.00.120 Amendments
Section 104.1 - Amended.

Section 105.1.1	- Amended.
Section 105.1.2	- Amended.
Section 105.2(4)	- Amended.
Section 105.2.(9)	- Amended.
Section 105.3	- Amended.
Section 105.3.2	- Amended.
Section 105.5	- Amended.
Section 105.8	- Added.
Section 108.3	- Amended.
Section 108.4	- Amended.
Section 108.6	- Amended.
Section 108.7	- Added.
Section 112	- Amended.
Section 117	- Added.
Section 118	- Added.
Section 119	- Added.

15.00.110 Administration Code - Adopted.

The Administration Code, Chapter 1 of the 2010 California Building Code, hereby is adopted, in its entirety, except as hereinafter provided, as the Administration Code of the City of Diamond Bar pertaining to building and construction regulations within the City, together with the amendments, additions, deletions and exceptions set forth in this Division.

15.00.120 Amendments

Notwithstanding the provisions of Section 15.00.110, the Administration Code is amended as follows:

Section 104.1 - Amended.

Section 104.1 of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 104.1. General. The Building Official shall enforce the provisions of this Chapter and shall have the responsibility for making interpretations of the California Codes, for deciding upon the approval of equipment and materials, and for granting the special permission contemplated in a number of code sections hereof.

Section 104.6 - Amended.

Section 104.6. of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 104.6. Right of Entry. The Building Official, or his/her duly authorized representative, shall have the authority to enter any building or premises for the purpose of investigation of the existence of suspected or reported damage or defects which constitute an immediate danger to human life or an immediate hazard to public safety or health. Except in emergency situations, the Building Official, or his/her

authorized representative, shall not enter any building or premises without the consent of the owner or occupant thereof, unless he/she possesses a warrant authorizing entry and search of the premises. No person shall hinder or prevent the Building Official, or his/her authorized representative, while in the performance of the duties herein described as emergency situations or while in possession of a warrant, from entering upon and into any and all premises under his/her jurisdiction, at all reasonable hours, for the purpose of inspecting the same to determine whether or not the provisions of the Chapter and all other applicable laws or ordinances pertaining to the protection of persons or property are observed therein.

Section 105.1. of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 105.1. Permits Required. Except as specified in Section 105.2 of this section, no building or structure regulated by this Code shall be erected, constructed, enlarged, altered, repaired, moved, improved, removed, converted or demolished unless a separate permit for each building or structure has first been obtained from the Building Official. All signs affixed to any building or structure and not otherwise requiring a permit hereunder shall require a building permit.

Section 105.1.1 – Amended.

Section 105.1.1. of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 105.1.1. A building permit is required for detached accessory buildings used as tool and storage sheds, playhouses, and similar uses: except when *all* the following apply:

- a. The building is accessory to a dwelling unit.
- b. The building neither exceeds 120 square feet in roof area nor exceeds 8' feet in overall height as defined in Chapter 2 in the California Building Code.
- c. The building has no plumbing or electrical installations or fixtures.
- d. The building is separated from any similar accessory structures by a minimum distance of 6 feet.

Section 105.1.2 – Amended.

Section 105.1.2 of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 105.1.2. Bodies of water over 18" in depth require a permit and are required to institute the pool barriers as outlined in California Building Code Section 3109.4.

Section 105.2(4). - Amended.

Section 105.2(4). of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 105.2(4). Retaining walls which are not over 3 feet in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding flammable liquids.

Section 105.2.(9). - Amended.

Section 105.2.9. of the Administration Code hereby is amended to read in words and figures, as follows:

Section 105.2.9. Prefabricated swimming pools, spas, or hot tubs accessory to Group R, Division 3 Occupancy in which the pool walls are embedded no more than 12 inches below the adjacent grade and if the capacity thereof does not exceed 5,000 gallons.

Section 105.3 - Amended.

Section 105.3 of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 105.3 Application. Application for a permit to perform the work shall be made in writing to the Building Official and shall fully describe said work. Plans, engineering calculations, diagrams, and other data, including specifications and schedules, may be required to determine whether the installation as described will be in conformance with the requirements of this Title. If it is found that the installation as described will conform to all legal requirements, and if the applicant has complied with the provisions of this Title, a permit for such installation shall be issued. No deviation may be made from the installation described in the permit and plan without the prior written approval of the Building Official.

Section 105.3.2 - Amended.

Section 105.3.2 of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 105.3.2 Expiration of Plan Review. Applications for which no permit is issued within 180 days following the date of submitted application 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 days upon 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 resubmit plans and pay a new plan review fee.

Section 105.5 - Amended

Section 105.5 of the Administration Code hereby is amended by the addition of the following exception to read, in words and figures, as follows:

EXCEPTION: Demolition permits shall expire by limitation and shall become null and void if the work authorized by such permits is not substantially commenced within 45 days of the date such permit was issued or as otherwise specified by the Building Official.

Section 105.8 - Added.

Section 105 of the Administration Code hereby is amended by the addition of a new subsection 105.8 to read, in words and figures, as follows:

Section 105.8 Qualifications of Permittee. No person shall be issued a permit under this Chapter until evidence of a valid California Contractor's License and Workers Compensation Insurance is presented to the Building Official.

"EXCEPTION: Owner-builder permit may be issued for specified occupancies in accordance with California law.

Section 108.3 - Amended.

Section 108.3 of the Administration Code hereby is amended to read, in word and figures, as follows:

Section 108.3 Permit Fees. The fees required in this Chapter shall be paid to the Building Official for all work for which a permit is required by this Title.

Section 108.4 - Amended.

Section 108.4 of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 108.4 Failure to obtain a permit and to pay fees therefore before commencing work shall be deemed evidence of violation of the provisions of this Chapter. A penalty, as established by resolution of the City Council, shall be assessed for work commenced before a permit is issued. Whenever any work for which a permit is required under the provisions of this Chapter has been commenced without the authorization such permit, a special investigation may be required before a permit will be issued for any such work. In addition to any regular permit fee and/or any penalty fee, the said investigation fee shall be collected as established by resolution of the City Council.

Section 108.6 - Amended.

Section 108.6 of the Administration Code hereby is amended to read, in words and figures, as follows:

108.6 Fee Refunds. The Building Official shall collect such fees as are required to be paid by this Chapter and shall make no refund of fees paid except in accordance the provisions of this section and in no event after one hundred eighty (180) days have elapsed from the date of the issuance of the permit. All requests for refund of fees

paid shall be made in writing to the Building Official and shall be made in accordance with the procedures and refund schedule established by resolution of the City Council.

Section 108.7 - Added

"Section 108.7 is added to the Administration Code to read, in words and figures, as follows:

Section 108.7 Plan Review Fees. When a plan or other data is required to be submitted for review and approval by the Building Official pursuant to this Chapter, a plan review fee shall be paid at the time of submittal of such plan or other data. Said plan review and recheck fees shall be established, and may be amended from time to time, by resolution of the City Council.

Section 112 - Amended.

Section 112 of the Administration Code hereby is amended to read, in words and figures, as follows:

Section 112.1. Appeals. A decision of the Building Official regarding the interpretation or implementation of any provision of this Chapter or the Code adopted hereby shall be final and shall become effective forthwith upon the service of the decision by the Building Official, in writing, upon the permittee. For the purposes of this section, service upon the permittee shall mean either personal delivery or placement in the United States Mail, postage prepaid, and addressed to the permittee at his last known business address; provided, however, that the permittee may, within ten (10) days after the effective date of the decision of the Building Official, file an appeal with the City Clerk, in writing, specifying the reason or reasons for the appeal and requesting that the Board of Appeals review the decision of the Building Official.

Section 112.2. The City Council shall act as the Board of Appeals in making a final determination of any appeal filed in accordance with the provisions of Section 112 of this Code. The City Clerk shall schedule a hearing on the appeal at reasonable times at the convenience of the Board of Appeals, but not later than thirty (30) days after receipt of the written appeal. The permittee may appear in person before the Board or be represented by an attorney and may introduce evidence to support his claim. The Building Official shall transmit to the Board all records, papers, documents, and other materials in support of his decision and shall provide a copy thereof to the permittee appealing the decision of the Building Official. The permittee appealing the decision of the Building Official shall cause, at his own expense any tests or research required by the Board to substantiate his claim to be performed or otherwise carried out. The Board may continue such appeal hearing from time to time as deemed necessary by the Board. The Board may, by resolution, affirm, reverse or modify in whole or in part, any appealed decision, determination, or interpretation of the Building Official. A copy of the resolution adopted by the Board shall be mailed to the permittee and the Board's decision shall be final upon the mailing, by United States Mail, postage prepaid, to the permittee's last known address of record.

The determination of value or valuation under any of the provisions of this Chapter shall be made by the Building Official whose determination shall be final. The

value is to be utilized in computing the permit and plan review fees established pursuant to this Chapter shall be the total value of all work for which the permit is issued including, by way of illustration and not by limitation, construction and finish work, painting, roofing, electrical, plumbing, heating, air-conditioning, elevators, fire-extinguishing systems, and all other permanent equipment.

Section 117

Section 117 hereby is added to *Chapter 1* of the Administration Code to read in words and figures, as follows:

Section 117. Prohibited Uses of Building Sites.

117.1 Flood Hazard. Buildings are not permitted in an area determined by the City Engineer to be subject to flood hazard by reason of inundation, overflow or erosion.

The placement of the building and other structures (including walls and fences) on the building site shall be such that water or mud flow will not be a hazard to the building or adjacent property.

"EXCEPTION: This prohibition shall not apply when provision is made to eliminate such flood hazard to the satisfaction of the City Engineer by providing adequate drainage facilities, by protective walls, suitable fill, raising the floor level of the building, a combination of these methods, or by other means.

117.2 Geologic Hazards.

117.2.1. No building or grading permit shall be issued under the provisions of this Section when the City Engineer finds that property outside the site of the proposed work could be damaged by activation or acceleration of a geologically hazardous condition and such activation or acceleration could be attributed to the proposed work on, or, change in use of, the site for which the permit is requested. For the purpose of this Section, geologically hazardous condition does not include surface displacement due to earthquake faults.

117.2.2. Work requiring a building or grading permit by this code is not permitted in an area determined by the City Engineer to be subject to hazard from landslide, settlement, or slippage. These hazards include those from loose debris, slope wash and the potential for mud flows from natural slopes or graded slopes. For the purposes of this Section, landslide, settlement, or slippage does not include surface displacement due to earthquake faults.

117.2.3. Subject to the conditions of subsection 117.2.1 of this Section, permits may be issued in the following cases:

a. When the applicant has submitted an engineering geology and/or geotechnical engineering report or reports complying with the policies and provisions of City Engineer which report or reports show that the hazard will be eliminated prior to the

use or occupancy of the land or structures by modification of topography, reduction of subsurface water, buttressing, a combination of these methods, or by other means.

b. When the applicant has submitted an engineering geology and/ geotechnical engineering report or reports complying with the policies and provisions of the City Engineer which report or reports contain sufficient data to show that the site appears to be in no danger for the intended use.

Section 118 - Added

Section 118 hereby is added to *Chapter 1* of the Administration Code to read in words and figures, as follows:

Section 118. Geology and Engineering Reports. The City Engineer in the case of an application for a grading permit or if the Building Official determines necessary, may require an engineering geology or geotechnical engineering report, or both, where in his opinion such reports are essential for the evaluation of the safety of the site. The engineering geology or geotechnical engineering report or both shall contain a finding regarding the safety of the building site for the proposed structure against hazard from landslide, settlement or slippage and a finding regarding the effect that the proposed building or grading construction will have on the geologic stability of property outside of the building site. Any engineering geology report shall be prepared by a certified engineering geologist licensed by the State of California. Any geotechnical engineering report shall be prepared by a civil engineer qualified to perform this work, such as a geotechnical engineer experienced in soil mechanics. When both an engineering geology and geotechnical engineering report are required for the evaluation of the safety of a building site, the two reports shall be coordinated before submission to the City Engineer and/or Building Official. Any finding regarding the safety of the building site and the effect that the proposed building or grading construction will have on the geologic stability of property outside of the building site must be substantiated with sufficient data and analyzed in a manner consistent with the current industry standard of care and must be concurred with by the City Engineer and/or Building Official who may rely on the opinion of independent geotechnical reviewers.

Section 119 - Added

Section 119 hereby is added to *Chapter 1* of the Administration Code to read in words and figures, as follows:

Section 119 - Seismic Hazard Zone Maps. Special studies zones maps within the City of Diamond Bar prepared under Sections 2622 and 2623 of the California Public Resources Code which show traces of earthquake faults are hereby declared to be, on the date of official issue, a part of this Code, and may be referred elsewhere in this Code. Special studies zones maps revised under the above Sections of the California Public Resources Code shall, on the date of their official issue, supersede previously issued maps which they replace.

Copies of each of the above maps shall be available for examination by the public at the Department of Public Works, Department of Community Development and the Office of the City Clerk.

15.00.130 Penalties for Violation of Division

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this Division. Any person, firm, partnership, or corporation violating any provision of this Division or failing to comply with their requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00) or by imprisonment not exceeding six (6) months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this Division or the Codes adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefor as provided in this Division.

Section 2:

Division 3 of Chapter 15.00 of the Diamond Bar City Code is amended to read, in words and figures, as follows:

DIVISION 3. BUILDING CODE

Sections:

15.00.310	California Building Code - Adopted
15.00.320	Code Amendments
	Chapter 1 - Amended.
	Section 1805.10 - Amended.
	Section 1505.1.1 - Amended.
	Section 3109.4.4 - Amended.
	Section J101 - Added.
	Section J101.3 - Added.
	Section J101.4 - Added.
	Section J101.5 - Added.
	Section J102 - Amended.
	Section J103 - Amended.
	Section J103.3 - Added.
	Section J103.4 - Added.
	Section J104 - Amended.
	Section J104.5 - Added.
	Section J104.6 - Added.
	Section J104.7 - Added.
	Section J105.1 - Amended.
	Section J105.3 - Added.
	Section J109 - Amended.
	Section J109.5 - Added.

Section J110.3 - Added.
Section J110.4 - Added.
Section J112 - Added.

15.00.310 California Building Code - Adopted.

Except as hereinafter provided, the California Building Code, 2010 Edition (Part 2 of Title 24 of the California Code of Regulations), and the appendices thereto, which incorporates and amends the International Building Code, 2010 Edition, published by the International Code Council, is hereby adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Building Code of the City. A copy of such Code has been deposited in the office of the City Clerk and shall be, at all times, maintained by the City Clerk for use and examination by the public.

15.00.320 Code Amendments

Notwithstanding the provisions of Section 15.00.310, the California Building Code is amended as follows:

Section 1805.10 – Amended.

Section 1805.10 of the California Building Code is hereby amended to read, in words and figures, as follows:

Section 1805.10. Foundations on Expansive Soil. Unless otherwise specified by a registered geotechnical engineer, foundation systems within the City of Diamond Bar are considered on expansive soil and shall be constructed in a manner that will minimize damage to the structure from movement of the soil. Slab-on-grade and mat-type footings for buildings located on expansive soils may be designed in accordance with the provisions of Division III or such other engineering design based upon geotechnical recommendation as approved by the Building Official. For residential-type buildings, where such an approved method of construction is not provided, foundations and floor slabs shall comply with the following requirements:

1. Depth of foundations below the natural and finish grades shall be not less than 24 inches for exterior and 18 inches for interior foundations.
2. Exterior walls and interior bearing walls shall be supported on continuous foundation.
3. Foundations shall be reinforced with at least two continuous one-half-inch diameter deformed reinforcing bars top and bottom. Two bars shall be placed within four inches of the bottom of the foundation and two within four inches of the top of the foundation.
4. Concrete floor slabs on grade shall be cast on a four-inch fill of coarse aggregate or on a moisture barrier membrane. The slabs shall be at least three and one-half inches thick and shall be reinforced with welded wire mesh or deformed reinforcing bars. Welded wire mesh shall have a cross-sectional area of not less than five-hundredths square inch per foot each way. Reinforcing bars shall have a diameter

of not less than three-eighths inch and be spaced at intervals not exceeding 24 inches each way.

5. The soil below an interior concrete slab shall be saturated with moisture to a depth of 18 inches prior to casting the concrete.

Section 1505.1.1 - Amended

Section 1505.1.1 of the California Building Code as heretofore adopted, hereby is amended to read, in words and figures, as follows:

Roof Covering Requirements.

Section 1505.1.1. The roof covering or roofing assembly on any structure regulated by this code shall as specified in Table 1505.1 and as classified in Section 1504. Noncombustible roof covering as defined in Section 1504.2 may be applied in accordance with the manufacturer's requirements in lieu of a fire-retardant roofing assembly. Roofing shall be secured or fastened to the supporting roof construction and shall provide weather protection for the building at the roof.

Roof Coverings Within Fire Zones.

Unless governed by more stringent requirements of this law, roofs on all buildings within all areas designated as a very high Fire Hazard Zone 4 by the Los Angeles County Fire Protection District, and approved by the City Council, shall have at least a Class A roof covering.

1. Section 1505.1.1 is applicable to new buildings and to existing buildings when twenty-five percent (25%) or more of the roof area is re-roofed within a one-year period after issuance of a building permit.

"2. Section 1505.1.1 is not applicable to existing buildings under the operation of a license or which owners have made applicable for licensure issued by the California Department of Social Services or the California Department of Health Service.

EXCEPTION: Existing buildings that have twenty-five percent (25%) or more of the roof area reroofed within a one-year period after the issuance of the building permit or after commencing construction, are required to be fire retardant by other provisions of this code.

3. The installer of the roof covering shall provide certification of the roof covering classification to the building owner and, when requested, to the inspection authority having jurisdiction."

Section 1505.8 - Amended.

Section 1505.8 of the California Building Code, hereby is amended by the addition of subparagraph 1505.8 to read, in words and figures, as follows:

1505.8 EXCEPTION: Except as required within Section 1505.1.1 of the California Building Code, as adopted by the City Council of the City of Diamond Bar, and notwithstanding any other provision of this Code, any existing roof covering not in conformity with this Section may be repaired by the use of similar non-conforming roof covering materials where the repair thereof does not exceed twenty-five percent (25%) of the existing gross roof area; provided, however, that the twenty-five percent (25%) exception provided hereunder may be utilized only once in any twelve (12) month period time."

Table No. 1505.1 - Amended.

Table No. 1505.1 - Minimum Roof Classes of the California Building Code, as heretofore adopted by this Council, hereby is amended by deleting therefrom any and all references to "NR - Non-rated roof coverings" and substituting therefor "C - Class C roofing."

Section 3109.4.4 - Amended.

Section 3109.4.4 of the California Building Code is hereby amended to read, in words and figures, as follows:

Section 3109.4.4 - Private Swimming Pools. Section 3109.4.4 is amended to clarify that pool barriers which are already in the Code are scoped so as to apply on all private swimming pools as follows:

Amend 3109.4.4.1 by adding the following definition.

PRIVATE POOL, is any structure intended for swimming, recreation bathing or wading, or other body of water that contains water over 18 inches deep. This includes in-ground, above-ground and on ground pools; hot tubs; spas; ponds; and fixed in place pools."

3109.4.4.2 is modified by deleting the first paragraph in its entirety and a new paragraph is substituted to read as follows:

3109.4.4.2 Construction permit; safety features required. Commencing, January 1, 1998, except as provided in Section 3109.4.4.5, whenever a construction permit is issued for construction of a new private pool at a residence, it shall have an enclosure complying with 3109.4.4.3 and, it shall be equipped with at least one of the following safety features:"

Section J101 - Amended

Section J101 of Appendix J of the 2010 California Building Code hereby is amended by adding subsections J101.3, J101.4, and J101.5 to read in words and figures, as follows:

Section J101.3 - Added

Section J101.3. Hazardous Conditions. Whenever the City Engineer determines that any existing excavation, embankment or fill has become a hazard to

life and limb, or endangers property, structures, or adversely affects the safety, use or stability of a public way or drainage channel, the owner of the property upon which the excavation, embankment or fill is located, or other person or agent in control of said property, upon receipt of notice in writing from the City Engineer shall within the period specified therein repair, reconstruct or remove such excavation, embankment or fill so as to eliminate the hazard in conformance with the requirements of this Code.

Section J101.4 - Added

Section J101.4. Maintenance of Protective Devices and Rodent Control. The owner of any property on which grading has been performed pursuant to a permit issued under the provisions of this Code, or any other person or agent in control of such property, shall maintain in good condition and repair all drainage structures and other protective devices and burrowing rodent control when shown on the grading plans filed with the application for grading permit and approved as a condition precedent to issuance of such permit.

Section J101.5 - Added

Section J101.5. Correlation With Other Sections. The provisions of this Section are independent of the provisions of Division 9, Building and Property Rehabilitation Code of Title 15 of the Diamond Bar City Code.

Section J102 - Amended

Section J102.1 Appendix J of the 2010 California Building Code hereby is amended by addition to and modification of definitions therein to read in words and figures, as follows:

"BUILDING OFFICIAL" Whenever in Appendix J the term "Building Official" is used, said term shall mean, and all powers and duties to be exercised by the Building Official shall be vested in, the City Engineer of the City of Diamond Bar.

"CIVIL ENGINEER" shall mean a professional engineer registered in the State of California to practice in the field of civil engineering works.

"CIVIL ENGINEERING" shall mean the application of the knowledge of the forces of nature, principles of mechanics and the properties of materials to the evaluation, design and construction of civil engineering works.

"DESIGN ENGINEER" The Civil Engineer responsible for the preparation of the grading plans for the site grading work.

"ENGINEERING GEOLOGIST" shall mean a person experienced and knowledgeable in engineering geology and holding a valid certificate of registration as a geologist issued by the State of California.

"GEOTECHNICAL ENGINEER" See "Soils Engineer."

"GEOTECHNICAL HAZARD" An adverse condition due to landslide, settlement, and/or slippage. These hazards include but are not limited to loose debris, slopewash, and mud flows from natural or graded slopes.

"LANDSCAPE ARCHITECT" shall mean a person holding a valid certificate of registration as a landscape architect issued by the State of California.

"SOILS ENGINEER (GEOTECHNICAL ENGINEER)" shall mean a civil engineer experienced and knowledgeable in the practice of soils (geotechnical) engineering and holding a valid certificate of registration as a soils (geotechnical) engineer issued by the State of California.

"SOILS ENGINEERING (GEOTECHNICAL ENGINEERING)." The application of the principals of soils mechanics in the investigation, evaluation, and design of civil engineering works involving the use of earth materials and the inspection or testing of construction thereof.

Section J103 - Amended

Section J103.1 of Appendix J of the 2010 California Building Code hereby is amended to read in words and figures, as follows:

Section J103.1. Permits Required. Except as exempted in Section J103 of Appendix J, no person shall do any grading without first obtaining a grading permit from the City Engineer. A separate permit shall be required for each site, and may cover both excavations and fills, except that a grading permit may be issued for a site to include incidental minor work outside the site on contiguous property, provided that the owner of such contiguous property has filed with the City Engineer written consent to the work. Such consent shall include a statement that the owner will irrigate and maintain planted slopes and maintain drains located within his property and the owner will hold the City of Diamond Bar free and clear of any liability for damages to the proposed work. A grading permit does not include the construction of retaining walls or other structures.

Section J103.3 - Added

Section J103 hereby is amended by adding subsections J103.3, J103.3a and J103.3b of Appendix J of the 2010 California Building Code to read in words and figures, as follows:

Section J103.3 Other Permits Required and Jurisdiction of Other Agencies.

Section J103.3.a Other Permits Required. Permits issued under provisions of Appendix J convey no right to erect any foundation, structure or building, or construct any swimming pool, spa or hot tub, or do any plumbing work, or do any electrical work. Regular foundation, structure or building; swimming pool, spa or hot tub; plumbing; electrical or other permits shall be secured for all such work.

Section J103.3.b Jurisdiction of Other Agencies. Permits issued under provisions of Appendix J shall not relieve the owner of the responsibility for securing permits, licenses or approvals that may be required from other departments or divisions of the governing agencies.

Section J103.4 - Added

Section J103.4 of Appendix J of the 2010 California Building Code hereby is added to read in words and figures, as follows:

Section J103.4. Grading Designation. Grading involving any fill intended to support structures, or grading for the development of more than one lot or parcel, or grading in excess of 50 cubic yards, or grading which includes excavation or fill in excess of 5 feet in depth or height shall be performed in accordance with the approved grading plan prepared by a civil engineer, and shall be designated as "engineered grading". All other grading shall be designated as "regular grading" unless the permittee chooses to have the grading performed as "engineered grading" or unless the City Engineer determines that special conditions or unusual hazards exist, in which case grading shall be designated as and conform to the requirements of "engineered grading".

Section J104 - Amended

Section J104 hereby is amended by adding subsection J104.5, J104.6, J104.6a, J104.6b, J104.7, J104.7a, and J104.7b of Appendix J of the 2010 California Building Code to read in words and figures, as follows:

Section J104.5 - Added

Section J104.5. Issuance. The provisions of Section 105.3 of *Chapter 1*, of the 2010 California Building Code as duly adopted, are applicable to grading permits. The City Engineer may require that grading operations and project designs be modified if delays occur which incur weather-generated problems not considered at the time the permit was issued.

The City Engineer may require professional inspection and testing by the soils engineer. When the City Engineer has cause to believe that geologic factors may be involved, the grading will be required to conform to "engineered grading".

The City Engineer may require bonds in such form and amounts as may be deemed necessary to ensure that the work, if not completed in accordance with the approved plans and specifications, will be corrected to eliminate hazardous conditions.

In lieu of a surety bond, the applicant may file a cash bond or instrument of credit with the City Engineer in an amount equal to that which would be required in the surety bond.

Section J104.6 - Added

Section J104.6 Denial of Permit.

Section J104.6a. Flood and Geologic Hazards. The City Engineer shall not issue a grading permit in any case where he finds that the work, as proposed by the applicant, is likely to adversely affect the stability of adjoining property or result in the deposition of debris on any public way or interfere with any existing drainage course or be in any area determined to be subject to flood or geologic hazard under provisions of Section 117 of *Chapter 1* of the 2010 California Building Code, as duly adopted and amended.

EXCEPTION 1: This prohibition shall not apply when provision is made to eliminate such flood or geologic hazard to the satisfaction of the City Engineer under the provisions of Section 117 of *Chapter 1* of the 2010 California Building Code, as duly adopted and amended.

EXCEPTION 2: This prohibition shall not apply when grading work in an existing drainage course and is designed to meet all requirements for grading in drainage courses under the City's Hillside Management Ordinance and provision is made to the satisfaction of the City Engineer to adequately collect, convey and discharge flows through the project without increasing erosion or deposition of debris or adversely affecting upstream or downstream properties.

Section 104.6.b. Land Use. The City Engineer shall not issue a grading permit for any work on the site unless the proposed uses shown on the grading plan for the site will comply with the provisions of the Zoning Code Ordinance of the City of Diamond Bar.

Section J104.7 - Added

Section J104.7. Import and Export of Earth Materials in Excess of 10, 000 Cubic Yards.

Section J104.7.a. Transport Over Public Maintained Streets. In addition to other provisions of this Code, the following requirements shall apply when earth materials in excess of 10,000 cubic yards are to be exported from or imported to a grading site by transporting such materials over a publicly maintained street.

1. The point of access to the public street shall be located as approved by the City Engineer.
2. Special safety precautions, including, but not limited to, the access road approach grade and alignment to the public street, sight distance at the intersection with the public street and traffic control devices may be required by the City Engineer.

Section J104.7.b Zoning Ordinance Compliance. No grading permit shall be issued for the import or export of more than 10,000 cubic yards of earth material to or from a grading site where such work would be classified as an "off-site transport grading project" as defined in Title 22 of the Diamond Bar Municipal Code, entitled "Development Code", unless the project is in conformance with Title 22.

Section J105 – Amended

Section J105.1-Amended

Section J105 hereby is amended by adding subsection J105.1 to Appendix J of the 2010 California Building Code to read in words and figures, as follows:

Section J105.1 General. Inspections shall be governed by Section 110, *Chapter 1, Division II* of this Code.

Section J105.3-Added

Section J105 hereby is amended by adding subsection J105.3 to Appendix J of the 2010 California Building Code to read in words and figures, as follows:

Section J105.3 Transfer of Responsibility. If the civil engineer, the soils engineer, or the engineering geologist of record is changed during grading, the work shall be stopped until the replacement has agreed in writing to accept their responsibility in the area of technical competence for approval upon completion of the work. It shall be the duty of the permittee to notify the City Engineer in writing of such change prior to the recommencement of such grading.

Section J109 – Amended

Section J109.5 - Added

Section J109 hereby is amended by adding subsection J109.5 of Appendix J of the 2010 California Building Code to read in words and figures, as follows:

Section J109.5. Overflow Protection. Berms, swales or other devices shall be provided at the top of cut or fill slopes steeper than five horizontal to one vertical to prevent surface waters from overflowing onto and damaging the face of the slope. Gutters or other special drainage controls shall be provided where the proximity of runoff from buildings or other structures is such as to pose a potential hazard to slope integrity.

Section J110 - Amended

Section J110.3 - Added

Section J110 hereby is amended by adding subsections J110.3, J110.3a, J110.3b, J110.3c J110.4, J110.4a, J110.4b, J110.4c and J110.4d of Appendix J of the 2010 California Building Code to read in words and figures, as follows:

J110.3. Temporary Erosion Control Precautions. Grading operations shall be planned to avoid the rainy season, October 15 through April 15 of the following calendar year. Grading permits shall only be issued when a plan for erosion control and silt retention has been approved by the City Engineer.

J110.3.a. The City Engineer shall not issue a grading permit for any work to be commenced between October 15 of any year and April 15 of the following calendar year, unless detail plans for such work include the details of protective measures, including desilting basins or other temporary drainage control measures, or both, as may be necessary to protect the adjoining public and private property from damage by erosion, flooding or deposition of debris which may originate from the site or result from such grading operations.

If grading is begun prior to October 15, all protective measures shall be installed prior to October 15. If grading is begun on or after October 15, all protective measures shall be installed before grading is begun. All protective measures shall be maintained in good working order until April 15 of the succeeding year, where grading is done between October 15 and December 31, or until April 15 of the same year when grading is done between January 1 and April 15, unless their removal at an earlier date is agreed to by the City Engineer.

All erosion control measures shall comply with any adopted National Pollutant Discharge Elimination System (NPDES) policies and standards of the City.

J110.3.b. Where a grading permit is issued and grading work commenced after April 15 and before October 1 of any year and the plans for such work do not include details of the protective measures described in Section J110.3a, and it appears that the grading and installation of the permanent drainage devices as authorized by the permit will not be completed by October 15, then, on or before October 1 the owner of the site on which the grading is being performed shall file or cause to be filed with the City Engineer revised detail plans which include details of the protective measures described in, and in all other respects follow, the provisions of Section J110.3a.

J110.3.c. Effect of Noncompliance. Should the owner fail to submit detail plans or to provide the protective measures required by Sections J110.3a and J110.3b by the date specified therein, it shall be deemed that a default has occurred under the conditions of the grading permit security. Thereupon the City Engineer may enter the property for the purpose of installing, by City forces or other means, the drainage and erosion control devices shown on the approved detail plans, or if there are no approved detail plans, as may be deemed necessary to protect adjoining property from storm damage, or the City Engineer may cause the owner of the site to be prosecuted as a violator of this Code, or he may take both actions.

Section J110.4 - Added

Section J110.4 Permanent Erosion Control.

Section J110.4a. Planting and Irrigation. The surface of all manufactured slopes shall be protected against damage by erosion by the installation of a permanent irrigation system and planting with ground cover, shrubs and/or trees which provide satisfactory long term erosion control. Planting and plant materials shall be specified and installed in accordance with the Hillside Management Ordinance of the City of Diamond Bar. The irrigation system shall provide adequate coverage and the proper application rate to maintain the appropriate moisture for the establishment and proper

growth of the plantings installed, but the irrigation shall not saturate the slopes or cause erosion.

Section J110.4b. Planting and Irrigation Plans and Specifications. For grading which includes cut slopes more than 5 feet in height; or fill slopes supporting structures of more than 3 feet in height; or natural slopes disturbed more than 10 feet in surficial extent by the grading operations planting and irrigation plans and specifications shall be submitted for approval of the City Engineer and/or the Community Development Director. For all manufactured slopes more than 20 feet in height or natural slopes disturbed more than 20 feet in surficial extent by grading operations plans shall be prepared and signed by a civil engineer or landscape architect.

Section J110.4.c. Rodent Control. All manufactured slopes steeper than four horizontal to one vertical within a grading project adjacent to undeveloped or unoccupied land shall be protected from potential slope damage by a preventative program of burrowing rodent control.

Section J110.4.d. Release of Security. The planting and irrigation systems required by this Section shall be installed as soon as practical after rough grading. Prior to final approval of grading and before the release of grading security, the planting shall be well established and growing on the slopes and, where required by subsection J110.4.c, there shall be evidence of an effective rodent control program.

Section J112 - Added

Section J112 hereby is added to Appendix J of the 2010 California Building Code to read in words and figures, as follows:

Section J112 Completion of Work.

Section J112.1 Final Reports. Upon completion of the rough grading work and at the final completion of the work, the following reports and drawings and supplements thereto are required for engineering grading or when professional inspection is performed for regular grading, as applicable.

1. An as-built grading plan prepared by the licensed civil engineer retained to provide such services showing original ground surface elevations, as-graded ground surface elevations, lot drainage patterns, and the locations and elevations of surface drainage facilities and of the outlets of subsurface drains. As-constructed locations, elevations and details of subsurface drains shall be shown as reported by the soils engineer.

Civil engineers shall state that to the best of their knowledge work within their area of responsibility was done in accordance with the final approved grading plan.

2. A report prepared by the licensed soils engineer retained to provide such services including locations and elevations of field density tests, summaries of field and laboratory tests, other substantiating data, and comments on any changes made during grading and their effect on the recommendations made in the approved soils engineering investigation report. Soils engineers shall submit a statement that, to the

best of their knowledge, the work within their area of responsibilities is in accordance with the approved soils engineering report and applicable provisions of this Chapter.

3. A report prepared by the licensed engineering geologist retained to provide such services including a final description of the geology of the site and any new information disclosed during the grading and the effect of same on recommendations incorporated in the approved grading plan. Engineering geologists shall submit a statement that, to the best of their knowledge, the work within their area of responsibility is in accordance with the approved engineering geologist report and applicable provisions of this Chapter.

Section J112.2 Notification of Completion. The permittee shall notify the City Engineer when the grading operation is ready for final inspection. Final approval shall not be given until all work including installation of all drainage facilities and their protective devices, and all erosion-control measures have been completed in accordance with the final approved grading plan, and the required reports have been submitted.

"15.00.330 Penalties for Violation of Division

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this Division. Any person, firm, partnership, or corporation violating any provision of this Division or failing to comply with their requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00) or by imprisonment not exceeding six (6) months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this Division or the Codes adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefor as provided in this Division.

Section 3:

"Division 4 of Chapter 15.00 of the Diamond Bar City Code is amended to read, in words and figures, as follows:

DIVISION 4. MECHANICAL CODE

Sections:

15.00.510 California Mechanical Code - Adopted.

15.00.520 Amendments

Section 103.2 – Amended.

Section 110 – Amended.

Section 115 – Amended.

15.00.510 Mechanical Code - Adopted.

Except as hereinafter provided, the 2010 Edition of California Mechanical Code (Part 4 of Title 24 of the California Code of Regulations) and the Appendices thereto, which incorporates and amends the Uniform Mechanical Code, 2009 Edition, published by the International Association of Plumbing and Mechanical Officials, is hereby adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Mechanical Code of the City. A copy of such Code has been deposited in the office of the City Clerk and shall be, at all times, maintained by the Clerk for use and examination by the public.

15.00.520 Amendments

Notwithstanding the provisions of Section 15.00.5120, the California Mechanical Code is amended as follows:

Section 103.2 of the California Mechanical Code hereby is amended by the addition to Section 103.2, in words and figures, as follows:

Section 103.2. Conflicts. Where conflicts between this Code and the Administration Code listed in Chapter 1 Division II occur, the Administration Code of Chapter 1 Division II will supercede. The purpose of Chapter 1 of the Mechanical Code is to supplement the Administration Code of Chapter 1 Division II.

Section 110 – Amended.

Section 110 of the Mechanical Code relating to the Board of Appeals hereby is amended to read, in words and figures, as follows:

Section 110 of the California Mechanical Code hereby is amended to refer to Chapter 1 Division II of the Administration Code Section 112.”

Section 115 of the Mechanical Code relating to Fees hereby is amended to read, in words and figures, as follows:

Section 115 of the California Mechanical Code hereby is amended to refer to Chapter 1 Division II of the Administration Code Section 108.”

15.00.530 Penalties for Violation of Division

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this Division. Any person, firm, partnership, or corporation violating any provision of this Division or failing to comply with their requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00) or by imprisonment not exceeding six (6) months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this Division or the Codes adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefor as provided in this Division.

Section 4:

Division 5 of Chapter 15.00 of the Diamond Bar City Code is amended to read, in words and figures, as follows:

DIVISION 5. PLUMBING CODE

Sections:

- 15.00.710 California Plumbing Code - Adopted
- 15.00.720 Amendments
 - Section 101.4.1.4 – Added.
 - Section 103.4 – Amended.
 - Section 321.0 – Added.
 - Section 722.6 – Added.

- 15.00.710 California Plumbing Code - Adopted.

Except as hereinafter provided, the 2010 Edition of the California Plumbing Code (Part 5 of Title 24 of the California Code of Regulations) and the appendices thereto, which incorporates and amends the Uniform Plumbing Code, 20010 Edition, published by the International Association of Plumbing and Mechanical Officials, is hereby adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Plumbing Code of the City. A copy of such Code has been deposited in the office of the City Clerk and shall be, at all times maintained by the City Clerk for use and examination by the public.

15.00.720 Amendments

Notwithstanding the provisions of Section 15.00.710, the California Plumbing Code is amended as follows:

Section 101.4.1.4 of the California Plumbing Code hereby is amended by the addition to Section 101.4.1.4, in words and figures, as follows:

Section 101.4.1.4. Conflicts Between Codes. Where conflicts between this Code and the Administration Code listed in Chapter 1 Division II occur, the Administration Code of Chapter 1 Division II will supercede. The purpose of Chapter 1 of the Plumbing Code is to supplement the Administration Code of Chapter 1 Division II.

Section 103.4 of the Plumbing Code relating to Fees hereby is amended to read, in words and figures, as follows:

Section 103.4 of the California Plumbing Code hereby is amended to refer to Chapter 1 Division II of the Administration Code Section 108."

Section 321.

Section 321.0 is hereby added to the California Plumbing Code to read, in words, and figures, as follows:

Section 321.0 All new structures shall be equipped with an additional main for future use of reclaimed water for landscape irrigation systems".

Section 722.

A new subsection 722.6 hereby is added to Section 722 of the California Plumbing Code to read, in words and figures, as follows:

Subsection 722.6 No such excavation shall be left unattended at any time unless the permittee shall have first provided a suitable and adequate barricade to assure public safety".

15.00.730 Penalties for Violation of Division

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this Division. Any person, firm, partnership, or corporation violating any provision of this Division or failing to comply with their requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00) or by imprisonment not exceeding six (6) months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this Division or the Codes adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefor as provided in this Division.

Section 5:

Division 6 of Chapter 15.00 of the Diamond Bar City Code is amended to read, in words and figures as follows:

DIVISION 6. ELECTRICAL CODE

Sections:

- 15.00.910 California Electrical Code – Adopted.
- 15.00.920 Amendments.
 - Section 89.101.7.3 – Amended.
 - Section 89.108.8 – Amended.
 - Section 89.108.4.2 – Amended.
 - Section 110.14 – Amended.
 - Section 334.10 (A&B) – Amended.
 - Section 334.12(A) – Amended.
 - Section 590.3 (B) – Amended.

Table No. 300.5 – Deleted.

15.00.910 California Electrical Code – Adopted.

Except as hereinafter provided, the 2010 Edition of the California Electrical Code (Part 3 of Title 24 of the California Code of Regulations), including the appendices thereto, which incorporates the National Electrical Code, 2008 Edition, published by the National Fire Protection Association, is hereby adopted by reference with the same force and effect as through set forth herein in full and shall constitute the Electrical Code of the City. A copy of such Code has been deposited in the office of the City Clerk and shall be, at all times, maintained by the Clerk for use and examination by the public.

15.00.920 Amendments

Section 89.101.7.3

Section 89.101.7.3 of the California Electrical Code hereby is amended by the addition to Section 89.101.7.3, in words and figures, as follows:

Section 103.2. Conflicts. Where conflicts between this Code and the Administration Code listed in Chapter 1 Division II occur, the Administration Code of Chapter 1 Division II will supercede. The purpose of Section 89 of the Electrical Code is to supplement the Administration Code of Chapter 1 Division II.

Section 89.108

Section 89.108.8 of the Electrical Code relating to the Board of Appeals hereby is amended to read, in words and figures, as follows:

Section 89.108.8 of the California Electrical Code hereby is amended to refer to Chapter 1 Division II of the Administration Code Section 112.”

Section 89.108.4.2

Section 89.108.4.2 of the Electrical Code relating to Fees hereby is amended to read, in words and figures, as follows:

Section 89.108.4.2 of the California Electrical Code hereby is amended to refer to Chapter 1 Division II of the Administration Code Section 108.”

Section 110.14

Section 110.14 of the California Electrical Code, allowing the use of aluminum conductors shall be amended to read that no aluminum conductor smaller than No.4 AWG shall be used. Whenever any aluminum is utilized as herein permitted, the applicant shall be required to obtain, at the applicant's expense, a separate Certificate of Inspection from a special inspector authorized by law to provide such inspections; no certificate of inspection shall be issued until after the on-site inspection.

Section 334.10 (A & B)

Section 334.10 of the California Electrical Code, is hereby amended to read, in words and figures as follows:

Section 334.10(a) Type NM. Type NM Cable shall be permitted for concealed work in normally dry location. It shall be permissible to install or fish type NM cable in air voids in masonry block or tile walls where such walls are not exposed or subject to excessive moisture or dampness.

Section 334.10(b) Type NMC. Type NMC cable shall be permitted: (1) for concealed work in dry moist, damp, or corrosive locations; (2) in outside and inside walls of masonry block or tile; (3) in shallow chase in masonry, concrete, or adobe protected against nails or screws by a steel plate at least 1/16 inch (1.59 mm) thick and covered with plaster, adobe or similar finish.

Section 334.12(A)

Section 334.12(a) of the California Electrical Code, is hereby amended to read, in words and figures as follows:

Section 334.12 (a) Type NM or NMC. Types Nm and NMC cables shall not be used; (1) in any dwelling or structure exceeding three floors above grade; (2) as service-entrance cable; (3) in commercial and industrial buildings. For the purpose of this article, the first floor of a building shall be that floor that has fifty percent or more of the exterior wall surface area level with or above finish grade. One additional level that is the first level and not designed for human habitation and used only for vehicle parking, storage, or similar use shall be permitted.

Section 590.3(B) – Amended.

Section 590.3-(B) of the California Electrical Code, is hereby amended to read: 30 days. Temporary electrical power and lighting installations shall be permitted for a period not to exceed 30 days for holiday decorative lighting and similar purposes.

15.00.930 Penalties for Violation of Division

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this Division. Any person, firm, partnership, or corporation violating any provision of this Division or failing to comply with their requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00) or by imprisonment not exceeding six (6) months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this Division or the Codes adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefore as provided in this Division.

Section 6:

Division 12 of Chapter 15.00 of the City of Diamond Bar City Code is added to read, in words and figures, as follows:

DIVISION 12. RESIDENTIAL CODE

15.00.540 California Residential Code – Adopted.

Except as hereinafter provided, Sections 102 to 119 of the Administration Code Chapter 1 Division II, Section 1207 of Chapter 12, Chapters 34, and Appendix J of the California Building Code, 2010 Edition (Part 2 of Title 24 of the California Code of Regulations) are adopted by reference and incorporated into this Section 15.00.540 as if fully set forth below, and shall be known as Sections 102 to 119 of Chapter 1, Section 1207 of Chapter 12, Chapter 34, and Appendix J of the California Residential Code, 2010 Edition (Part 2.5 of Title 24 of the California Code of Regulations).

Except as hereinafter provided, the California Residential Code, 2010 Edition (Part 2.5 of Title 24 of the California Code of Regulations), and the appendices G, H, J, K, & O thereto, which incorporates and amends the International Building Code, 2010 Edition, published by the International Code Council, is hereby adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Building Code of the City. A copy of such Code has been deposited in the office of the City Clerk and shall be, at all times, maintained by the City Clerk for use and examination by the public.

“Division 7 of Chapter 15.00 of the Diamond Bar City Code is amended to read, in words and figures as follows:

15.00.550 Amendments.

Notwithstanding the provisions of Section 15.00.540, the California Residential Code is amended as follows:

Section R602.10.6.2(1)

Section R602.10.2(1) is hereby added to the California Residential Code to read, in words, and figures, as follows:

Section R602.10.2(1). 1. Parallel rafters or roof trusses shall be attached to the top plates of braced wall panels through solid blocking and framing anchors or equal each bay. No gaps or voids from the roof sheathing through the entire connection shall occur.”

Table R602.10.1.2(2)

Section Table R602.10.1.2(2) is hereby added to the California Residential Code to read, in words, and figures, as follows:

TABLE R602.10.1.2(2)^{a,b,c}
 BRACING REQUIREMENTS BASED ON SEISMIC DESIGN CATEGORY
 (AS A FUNCTION OF BRACED WALL LINE LENGTH)

SOIL CLASS D ^a WALL HEIGHT = 10 FT 10 PSF FLOOR DEAD LOAD 15 PSF ROOF/CEILING DEAD LOAD BRACED WALL LINE SPACING ≤ 25 FT			MINIMUM TOTAL LENGTH (feet) OF BRACED WALL PANELS REQUIRED ALONG EACH BRACED WALL LINE			
Seismic Design Category (SDC)	Story Location	Braced Wall Line Length	Method LIB	Methods ^d DWB, SFB, GB, PBS, PCP, HPS	Method WSP	Continuous Sheathing
SDC A and B and Detached Dwellings in C		Exempt from Seismic Requirements Use Table R602.10.1.2(1) for Bracing Requirements				
SDC C		10	2.5	2.5	1.6	1.4
		20	5.0	5.0	3.2	2.7
		30	7.5	7.5	4.8	4.1
		40	10.0	10.0	6.4	5.4
		50	12.5	12.5	8.0	6.8
		10	NP	4.5	3.0	2.6
		20	NP	9.0	6.0	5.1
		30	NP	13.5	9.0	7.7
		40	NP	18.0	12.0	10.2
		50	NP	22.5	15.0	12.8
		10	NP	6.0	4.5	3.8
		20	NP	12.0	9.0	7.7
		30	NP	18.0	13.5	11.5
		40	NP	24.0	18.0	15.3
		50	NP	30.0	22.5	19.1
SDC D ₀ or D ₁		10	NP	3.0 6.0	2.0	1.7
		20	NP	6.0 12.0	4.0	3.4
		30	NP	9.0 18.0	6.0	5.1
		40	NP	12.0 24.0	8.0	6.8
		50	NP	15.0 30.0	10.0	8.5
		10	NP	6.0 NP	4.5	3.8
		20	NP	12.0 NP	9.0	7.7
		30	NP	18.0 NP	13.5	11.5
		40	NP	24.0 NP	18.0	15.3
		50	NP	30.0 NP	22.5	19.1
		10	NP	8.5 NP	6.0	5.1
		20	NP	17.0 NP	12.0	10.2
		30	NP	25.5 NP	18.0	15.3
		40	NP	34.0 NP	24.0	20.4
		50	NP	42.5 NP	30.0	25.5

(continued)

TABLE R602.10.1.2(2)^{a, b, c}—continued
 BRACING REQUIREMENTS BASED ON SEISMIC DESIGN CATEGORY
 (AS A FUNCTION OF BRACED WALL LINE LENGTH)

SOIL CLASS D ^a WALL HEIGHT = 10 FT 10 PSF FLOOR DEAD LOAD 15 PSF ROOF/CEILING DEAD LOAD BRACED WALL LINE SPACING ≤ 25 FT		MINIMUM TOTAL LENGTH (feet) OF BRACED WALL PANELS REQUIRED ALONG EACH BRACED WALL LINE				
Seismic Design Category (SDC)	Story Location ^b	Braced Wall Line Length	Method LIB	METHODS DWB, SFB, GB, PBS, PCP, HPS	Method WSP	Continuous Sheathing
SDC D ₂		10	NP	4.0 8.0	2.5	2.1
		20	NP	8.0 16.0	5.0	4.3
		30	NP	12.0 24.0	7.5	6.4
		40	NP	16.0 32.0	10.0	8.5
		50	NP	20.0 40.0	12.5	10.6
		10	NP	7.5 NP	5.5	4.7
		20	NP	15.0 NP	11.0	9.4
		30	NP	22.5 NP	16.5	14.0
		40	NP	30.0 NP	22.0	18.7
		50	NP	37.5 NP	27.5	23.4
		10	NP	NP	NP	NP
		20	NP	NP	NP	NP
		30	NP	NP	NP	NP
		40	NP	NP	NP	NP
		50	NP	NP	NP	NP

- For SI: 1 foot = 304.8 mm, 1 pound per square foot = 47.89 Pa.
- Wall bracing lengths are based on a soil site class "D." Interpolation of bracing length between the S_{ds} values associated with the seismic design categories shall be permitted when a site-specific S_{ds} value is determined in accordance with Section 1613.5 of the *California Building Code*.
 - Foundation cripple wall panels shall be braced in accordance with Section R602.10.9.
 - Methods of bracing shall be as described in Sections R602.10.2, R602.10.4 and R602.10.5.
 - Methods GB and PCP braced wall panel h/w ratio shall not exceed 1:1 in SDC D0, D1, or D2. Methods DWB, SFB, PBS, and HPS are not permitted in SDC D0, D1, or D2.

Section R301.1.3.2

Section R301.1.3.2 of the California Residential Code, is hereby amended to read:

Section R301.1.3.2. Woodframe structures. The building official shall require construction documents to be approved and stamped by a California licensed architect or engineer for all dwellings of woodframe construction more than two stories and basement in height located in Seismic Design Category A, B or C. Notwithstanding other sections, the law establishing these provisions is found in Business and Professions Code sections 5537 and 6737.1.

The building official shall require construction documents to be approved and stamped by a California licensed architect or engineer for all dwellings of wood frame construction more than one story in height or with a basement located in Seismic Design Category D₀, D₁, or D₂.

Section R329

Section R329 is hereby added to the California Residential Code to read, in words, and figures, as follows:

Section R329. Structural Tests and Inspections. Structural test and inspection requirements which are omitted from the California Residential Code are intended to refer to the California Building Code.

When structural tests and special inspections are required due to the methods of construction the tests and inspections shall be performed and documented as required in Chapter 17 of the California Building Code.”

Section R330

Section R330 is hereby added to the California Residential Code to read, in words, and figures, as follows:

Section R330. Pool Barrier Requirements. Pool barrier criteria are not explicitly located within the California Residential Code and are intended to refer to the California Building Code.

Where any body of water over 18” occurs, refer to California Building Code Section 3109 for pool barrier requirements.”

Section R331

Section R331 is hereby added to the California Residential Code to read, in words, and figures, as follows:

Section R331. Sound Transmission Control. The California Residential Code does not provide criteria for sound transmission between dwelling units or outside noise which are intended to refer to the California Building Code.

Refer to Section 1207 of the California Building Code for criteria where sound transmission control applies.”

15.00.560 Penalties for Violation of Division

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this Division. Any person, firm, partnership, or corporation violating any provision of this Division or failing to comply with their requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00) or by imprisonment not exceeding six (6) months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this Division or the Codes adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefore as provided in this Division.

Section 7:

Division 13 of Chapter 15.00 of the City of Diamond Bar City Code is added to read, in words and figures, as follows:

DIVISION 13. GREEN BUILDING CODE

15.00.570 California Green Building Code – Adopted.

Except as hereinafter provided, the California Green Building Code, 2010 Edition (Part 11 of Title 24 of the California Code of Regulations), without appendices, which incorporates and amends the International Building Code, 2010 Edition, published by the International Code Council, is hereby adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Building Code of the City. A copy of such Code has been deposited in the office of the City Clerk and shall be, at all times, maintained by the City Clerk for use and examination by the public.

Separate waste diversion ordinances outlined in Chapter 8.16 of Title 8 and landscape ordinances contained in Chapter 22.26 of Title 22 are considered still effective with the adoption of the California Green Building Code."

15.00.580

Notwithstanding the provisions of Section 15.00.570, the California Green Building Code is amended as follows:

Section 101.3.1

Section 101.3.1 of the California Green Building Code is amended to add the following applicability item:

Section 101.3.1 item 8 – Application of Requirements for Non-Low-Rise Residential Projects.

8. Non-low-rise residential project buildings. Newly constructed buildings other than those defined in chapter 2 of this Code as low-rise residential buildings shall comply with all applicable requirements of Chapter 5. Non-residential Mandatory Measures."

15.00.590 Penalties for Violation of Division

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this Division. Any person, firm, partnership, or corporation violating any provision of this Division or failing to comply with their requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00) or by imprisonment not exceeding six (6) months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof

during which any violation of any of the provisions of this Division or the Codes adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefore as provided in this Division.

Section 8

Division 8 of Chapter 15.00 of the City of Diamond Bar City Code is added to read, in words and figures, as follows:

DIVISION 9 – REHABILITATION CODE

Sec. 15.00.1510. - Adopted.

Sec. 15.00.1520. - Amended.

Sec. 15.00.1530. – Amended.

Sec. 15.00.1510

The Building and Property Rehabilitation, Chapter 98 and 99 of Title 26 of the County Building Code, 2008 Edition, is hereby adopted in its entirety as the building and property rehabilitation code of the City, together with the amendments, additions, deletions and exceptions set forth in this division.

Sec. 15.00.1520

Notwithstanding the provisions of Section 15.00.1510, the Los Angeles County Code adopted by reference in that section is amended as follows:

Section 99021, Board defined, is amended to read, in words and figures, as follows:

Board defined. Whenever in this chapter 15.38 the term "building rehabilitation appeals board" is used, the term shall mean, and the powers and duties to be exercised by the building rehabilitation appeals board shall be vested in, the planning commission of the City of Diamond Bar, and whenever in this chapter 15.38 the term "board of supervisors" is used, said term shall mean, and the powers and duties to be exercised by the board of supervisors shall be vested in, the City Council of the City of Diamond Bar.

Section 9902 7, County engineer defined, is added to read in words and figures, as follows:

County engineer defined. Whenever in this chapter 15.38 the term "county engineer" is used, the term shall mean, and the powers and duties to be exercised by the county engineer shall be vested in, the city manager, or his designee.

Section 9902 8, County defined, is added to read in words and figures, as follows:

County defined. Whenever in this chapter 15.38 the term "county" is used, said term shall mean, and the powers and duties to be exercised by the county shall be vested in, the City of Diamond Bar.

Section 9905 16 is added to read in words and figures, as follow:

Garbage containers and receptacles stored in front or side yards visible from public streets, except when placed in areas for collection not earlier than sunset of the day preceding the designated day for collection, and all containers and receptacles shall be removed from the place of collection prior to 10:00 p.m. of the day the containers and receptacles have been emptied.

Section 9927 is amended to read in words and figures as follows:

Section 9927. The costs involved in the demolition or other work by the county engineer, including in addition to other costs the applicable processing costs as set forth in Resolution 91-54 (fee schedule), shall become a special assessment against the property.

Section 15.00.1530. - Penalties.

It shall be unlawful for any person, firm, partnership, or corporation to violate any provision, or to fail to comply with any of the requirements, of this division. Any person, firm, partnership, or corporation violating any provision of this division or failing to comply with the requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding \$1,000.00 or by imprisonment not exceeding six months or by both such fine and imprisonment. Each such person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this division or the code adopted hereby is committed, continued or permitted by such person, firm, partnership, or corporation, and shall be deemed punishable therefor as provided in this division.

Section 9:

Chapter 16.00 of the City of Diamond Bar City Code is amended to read, in words and figures, as follows:

SECTION 16.00 FIRE CODE

Sec. 16.00.010. - Adopted.

Section 16.00.010. - Adopted.

Except as hereinafter provided, Title 32, Fire Code, of the Los Angeles County Code, as amended and in effect on January 01, 2011, which constitutes an amended version of the California Fire Code, 2010 Edition (Part 9 of Title 24 of the California Code of Regulations), Chapters 1 through 49, Appendix B, and C and excluding all other appendices of the 2010 Edition of the California Fire Code with errata, and

adopting and incorporating herein by reference into Title 32 of the Los Angeles County Code, the 2006⁹ Edition of the International Fire Code, Chapters 1 through 47, Chapters 9 through 32, Chapters 34 through 45, Chapter 47 and appendix B, C, & J, is hereby adopted by reference and shall constitute and may be cited as the Fire Code of the City of Diamond Bar.

In the event of any conflict between provisions of the California Fire Code, 2010 Edition, International Fire Code 2009 Edition, Title 32 of the Los Angeles County Fire Code, or any amendment to the Fire Code contained in the City of Diamond Bar Municipal Code, the provision contained in the later listed document shall control.

A copy of Title 32 of the Los Angeles County Fire Code, along with a copy of the California Fire Code, 2010 Edition, and the International Fire Code 2009 Edition has been deposited in the office of the city clerk and shall be at all times maintained by the clerk for use and examination by the public.

Sec. 16.00.030. - Amended.

Sec. 16.00.020. - Amendments

Notwithstanding the provisions of section 16.00.010, the Fire Code is amended as follows:

Sec. 16.00.030. - Violations.

- (a) Every person who violates, or who fails to comply with any of the requirements of, any provision of the fire code, this chapter or chapter 16.04, or any provision of any permit or license granted hereunder, or any rule, regulation or policy promulgated pursuant hereto, is guilty of a misdemeanor and shall be punishable as provided in section 1.04.010 of the Municipal Code, unless such violation is otherwise declared to be an infraction by section 16.00.050 of this chapter. Each such violation is a separate offense for each and every day during any portion of which such violation is committed.
- (b) Every violation determined to be an infraction hereunder is punishable in such manner and to such extent as is provided by section 1.04.020 of the Municipal Code.
- (c) For the purposes of this section a forfeiture of bail shall be equivalent to a conviction.

Sec. 16.00.040. - Responsibility.

Any person who personally or through another willfully, negligently, or in violation of law sets a fire, allows a fire to be set, or allows a fire kindled or attended by such person to escape from his or her control, allows any hazardous material to be handled, stored or transported in a manner not in accordance with nationally recognized standards, allows any hazardous material to escape from his or her control, neglects to properly comply with any written notice of the chief, or willfully or

negligently allows the continuation of a violation of the fire code and amendments thereto is liable for the expense of fighting the fire or for the expenses incurred during a hazardous materials incident, and such expense shall be a charge against that person. Such charge shall constitute a debt of such person and is collectible by the public agency incurring such expenses in the same manner as in the case of an obligation under a contract, expressed or implied.

Sec. 16.00.050. - List of infractions.

In accordance with section 16.00.030 of this chapter, the violation of the following sections or subsections of the fire code shall be infractions:

Section	
901.4.4	Premises identification
902.2.4	Obstructing and control of fire apparatus access
1001.5.1	Maintenance of fire-protection systems and equipment
1001.5.3	Systems out of service
1001.6.2	Fire hydrant and fire appliances
1002	Portable fire extinguishers
1102.3	Open burning
1103	Combustible materials
1105	Asphalt kettles
1109.4	Smoking
1109.5	Burning objects
1109.6	Hot ashes and spontaneous ignition sources
1115.3	Fire prevention regulations
1115.5	Portable fire protection equipment
1115.7	Maintenance of access
1117.2	Structures
1118.17	Fire roads and firebreaks
1207.3	Locking devices
1207.6	Door identification
1210.3	Storage under stairways
1212.4	Illumination
2401.9	Smoking
2901.6.2	Lubricating oil
3004.3	Waste removal
3008.5	Combustible waste
3213	Means of egress illumination
3221.2	Vegetation removal
3221.3	Storage
3404	Fire apparatus access roads
3601.6	Fire protection
3601.7	Smoking
4501.4	Smoking

4501.5	Welding warning signs
4502.3.3	Filter disposal
4502.8.2	Fire extinguishers
4502.9	Operations and maintenance
4503.7.1	General
4503.8	Dip tank covers
4504.3.2	Signs
4504.4	Maintenance
4505.6.1	Dust accumulation
4506.6	Sources of ignition
4606.2	Smoking
4607	Housekeeping
5201.7	Sources of ignition
7401.5.1	General
7401.6	Security
7607	Smoking and open flames
7901.7.2	Maintenance and operating practices
7901.10	Sources of ignition
7902.5.3	Empty containers and portable tanks
7904.3.2.1	Storage tanks and sources of ignition
7904.4.7	Sources of ignition
7904.4.9	Fire protection
7904.6.4	Smoking
8001.8	Signs
8003.1.12	Clearance from combustibles
8004.1.8	Signs
8004.3.5	Clearance from combustibles
8208	Smoking and other sources of ignition
8209	Clearance to combustibles
8506	Extension cords and flexible cords

Section 10. All inconsistencies between the Building Code, Residential, Green, Electrical Code, Mechanical Code, and Plumbing Code, as adopted by this Ordinance, and the 20010 edition of the California Building Code, Electrical Code, Mechanical Code, and Plumbing Code, as set forth in Parts 2, 2.5, 11, 3, 4, and 5, respectively, of Title 24 of the California Code of Regulations, are changes, modifications, amendments, additions or deletions thereto authorized by California Health and Safety Sections 17958.5 and 17958.7.

Section 11. To the extent the provisions of this Ordinance are substantially the same as previous provisions of the Diamond Bar Municipal Code, these provisions shall be construed as continuations of those provisions and not as new enactments.

Section 12. If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this Ordinance or any part hereof or exhibit hereto is for any reason held to be invalid, such invalidity shall not affect the validity of the remaining portions of this

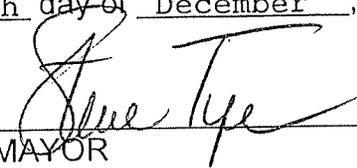
Ordinance or any part thereof or exhibit thereto. The City Council of the City of Diamond Bar hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase hereof, irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases be declared invalid.

Section 13. This ordinance shall be effective upon adoption and shall become operative on this 1st day of January, 20011.

Section 14. Purpose and findings; Urgency. The State Health and Safety Code 17958 mandates adoption of Building Codes 180 days after the State adopts them. The City is required to adopt any amendments within that time frame to have them in full force and effect. The City Council believes that it is necessary to enact regulations, consistent with State law, as amended above to protect life, safety, and property of residents. In order to alleviate and address this threat, this Urgency Ordinance is adopted to enact permanent regulations immediately so that there is no gap between the State adoption and the formal adoption of these regulations by second reading. Local conditions for topographical, geological, or climatic are outlined in the separate Resolution 2010-XX. This Urgency Ordinance is adopted pursuant to California Government Code Section 36937 and shall take effect immediately upon adoption by a four-fifths vote of the City Council.

Section 15. This Urgency Ordinance is not subject to the California Environmental Quality Act ("CEQA"), as prescribed under Section 15361(b)(3) of the CEQA Guidelines (no potential for causing a significant effect on the environment), therefore, no further environmental review is required.

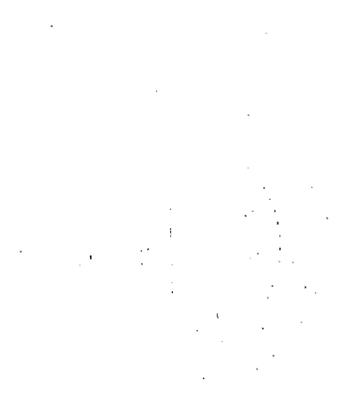
PASSED, APPROVED AND ADOPTED this 7th day of December, 2010.


MAYOR

I, Tommye Cribbins, the City Clerk of the City of Diamond Bar, do hereby certify that the foregoing Urgency Ordinance was introduced and Passed, Approved and Adopted during the City Council of the City of Diamond Bar, California, held on the 7th day of December, 2010, by the following vote:

AYES: COUNCIL MEMBERS: Everett, Herrera, Tanaka,
MPT/Chang, M/Tye
NOES: COUNCIL MEMBERS: None
ABSENT: COUNCIL MEMBERS: None
ABSTAINED: COUNCIL MEMBERS: None

ATTEST: 
TOMMYE Cribbins, City Clerk
City of Diamond Bar



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RESOLUTION NO. 2010- 41

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DIAMOND BAR MAKING EXPRESS FINDINGS AND DETERMINATIONS THAT MODIFICATIONS TO THE CALIFORNIA BUILDING CODE, CALIFORNIA RESIDENTIAL CODE, CALIFORNIA GREEN BUILDING CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA ELECTRICAL CODE, AND CALIFORNIA FIRE CODE, AS ADOPTED BY ORDINANCE NO. X (2010) ARE REASONABLY NECESSARY BECAUSE OF LOCAL CLIMATIC, GEOLOGICAL OR TOPOGRAPHICAL CONDITIONS.

A. RECITALS

(i) California Health and Safety Code Section 17922 requires all cities to adopt, as the City Building Standards Code, the State Building Standards Code adopted pursuant to the provisions of Chapter 4 of Part 2.5 of Division 13 of the California Health and Safety Code.

(ii) Section 17958.5 of the California Health and Safety Code provides, in pertinent part, as follows:

"...a city or county may make such changes or modifications in the requirements contained in the provisions published in the State Building Standards Code and the other regulations adopted pursuant to Section 17922 as it determines, pursuant to the provisions of Section 17958.7, are reasonably necessary because of local climatic, geological or topographical conditions."

(iii) Prior to making the modification permitted under Section 17958.5 of the California Health and Safety Code, this Council is required to make an express finding that such modifications or changes are reasonably necessary.

(iv) This Council desires to amend the provisions of sections 1505.1.1., 1505.8, Table No. 1505.1, 1805.10, 3109.4.4, and Appendix J of the "California Building Code", 2010 Edition.

(v) This Council desires to amend the provisions of Sections 89.101.7.3, 89.108.8, 89.108.4.2, 110.14, 334.10(A&B), 334.12(A), 590.3(B), and Table 300-5 of the "California Electrical Code", 2010 Edition.

(vi) This Council desires to amend the provisions of Sections R602.10.6.2(1), Table R602.10.1.2(2), R301.1.3.2, R329, R330, and R331 of the "California Residential Code", 2010 Edition.

(vii) This Council desires to amend the provisions of subsection 722.6 of the "California Plumbing Code", 2010 Edition.

(viii) All legal prerequisites to the adoption of this Resolution have occurred.

B. RESOLUTION

NOW, THEREFORE, be it found, determined and resolved as follows:

1. In all respects as set forth in the Recitals, Part A, of this Resolution.

2. This Council does hereby expressly find and determine that the amendments set forth in Ordinance XX (2010) amending Sections 1805.10 and Appendix J of the "California Building Code" 2010 Edition and Sections R602.10.6.2(1), Table R602.10.1.2(2), R301.1.3.2, and R329 of the "California Residential Code", 2010 Edition and adding subsection 722.6 of the "California Plumbing Code", 2010 Edition are reasonably necessary because of local climatic, geological, or topographic conditions. This express finding is supported and based upon the following more specific findings and determinations:

a. The hillsides in Diamond Bar are composed of Puente Formation, and similar weak geological materials, while neighboring flatland areas are composed of more stable fill and alluvial materials. These materials may be naturally unstable or weak in terms of physical support. These highly expansive soil conditions are vulnerable to earth movement.

b. The City of Diamond Bar experiences diverse temperatures, which promotes expansion and contraction of the soil. This condition is very damaging to expansive type soil.

c. Because of the above-described climatic and geological conditions, the City of Diamond Bar requires special engineering to support habitable structures within the unstable soil areas and requires additional measures to be taken in connection with excavation and grading on private properties. This will decrease possible damage due to natural earth expansion and seismic activity.

d. The City of Diamond Bar is located in a seismically active area and is in close proximity to earthquake fault zones (Whittier fault, just south of Tonner Canyon; Chino fault passes within a mile of the city's eastern boundary), and it is reasonably foreseeable that an earthquake would render the City of Diamond Bar particularly vulnerable to devastation. Further, the City of Diamond Bar is bisected by major freeways, located primarily in a north-south direction. Substantial numbers of flood control facilities additionally exist, as well as freeway overpasses and major railroad right-of-ways.

e. Because of the above-described geological conditions within the city, and the substantial amount of freeway, railroad, and flood control facilities throughout the community, the City of Diamond Bar, in the event of an earthquake, may be unable to dispatch an adequate number of fire personnel and apparatus to suppress fires and conduct rescue operations. Moreover, the conditions within Diamond Bar likewise occur in surrounding communities, hereby rendering mutual aid assistance problematic, at best.

f. The City is within a highly seismically active region. The City is adjacent to various active faults including the Chino, Sierra Madre, Cucamonga, Whittier, San Jacinto and Raymond Faults. It is necessary to modify the State Code as amended by Los Angeles County and add additional foundation provisions.

g. The City has much hillside topography, unstable geology, watershed areas, expansive soils, underground streams, and hillside fire hazard areas within the City.

h. Furthermore, climatic conditions within the community render it extremely likely that, in the event of seasonal high winds and earthquake occurring, the County Fire Department would be unable to suppress numerous fires occurring throughout the community.

3. This Council does hereby expressly find and determine that the amendments set forth in this Ordinance XX (2010) amending Section 3109.4.4 of the "California Building Code", 2010 Edition, and Section 330 of the "California Residential Code" are reasonably necessary because of local climatic, geological or topographic conditions. This express finding is supported and based upon the following more specific findings and determinations:

a. Because of the risk of delays in fire rescue response time due to traffic congestion and due to the high number of swimming pools within close proximity to small children because of local climate which makes pool ownership desirable, pool barriers are necessary.

b. The City has several hillside areas that may delay emergency safety rescue for drowning at swimming pools for small children.

4. This Council does hereby expressly find and determine that the amendments set forth in this Ordinance XX (2010) amending Sections 89.101.7.3, 89.108.8, 89.108.4.2, 110.14, 334.10(A&B), 334.12(A), and 590.3(B) of the "California Electrical Code", 2010 Edition, are reasonably necessary because of local climatic, geological or topographic conditions. This express finding is supported and based upon the following more specific findings and determinations:

a. The City contains buildings constructed when aluminum wiring was allowed which has been noted by the Consumer Product Safety Commission to cause fires. These fires become more hazardous as more load to systems are exacerbated through time and require special knowledge to ensure proper installation procedures.

b. The City is in a semi-arid region which allows certain protective restrictions for wiring to consider wiring in these types of conditions.

c. Furthermore climatic conditions within the community render it extremely likely that in the event of seasonal high winds and earthquake occurring, the County Fire Department would be unable to suppress numerous fires occurring throughout the community. Therefore protection of electrical wiring is essential in the above described events and this protection is magnified in high occupancy buildings.

d. As found in Section 1 above, the City of Diamond Bar is located in a seismically active area and is in close proximity to earthquake fault zones (Whittier fault, just south of Tonner Canyon; Chino fault passes within a mile of the city's eastern boundary), and it is reasonably foreseeable that an earthquake would render the City of Diamond Bar particularly vulnerable to devastation. Further, the City of Diamond Bar is bisected by major freeways, located primarily in a north-south direction. Substantial numbers of flood control facilities additionally exist, as well as freeway overpasses and major railroad right-of-ways.

e. The City is subject to seasonable high temperatures and dry atmospheric conditions which often occur during times of high-velocity winds which cause potentially hazardous conditions of high expansion-contraction. Due to the climatic, geographic and topographical conditions hereinabove described, the City is susceptible to weather change requiring limitation on wiring types.

4. This Council does hereby expressly find and determine that the amendments set forth in this Ordinance XX (2010) amending Section 101.3.1 of the "California Green Building Code", 2010 Edition, are reasonably necessary because of local climatic, geological or topographic conditions. This express finding is supported and based upon the following more specific findings and determinations:

a. The City of Diamond Bar is subject to drought conditions. Its water provider, the Metropolitan Water District, may restrict local water supplies in such cases and impose surcharges on water supplied in excess of these levels. As water supplies are restricted further and the price of water rises, the City of Diamond Bar will find it difficult to maintain hillside erosion control and the general quality of life in our community will suffer.

5. This Council does hereby expressly find and determine that the amendments set forth in this Ordinance XX (2010) amending Section 331 of the "California Residential Building Code", 2010 Edition, are reasonably necessary because of local climatic, geological or topographic conditions. This express finding is supported and based upon the following more specific findings and determinations:

a. The City of Diamond Bar is bisected by major freeways, located primarily in a north-south direction and various large arterials including Golden Springs Rd., Diamond Bar Blvd., Pathfinder Rd., and Brea Canyon Rd. Substantial numbers of flood control facilities additionally exist, as well as freeway overpasses and major railroad right-of-ways. These major thoroughfares create substantial noise which impacts the general welfare of the community.

6. This Council does hereby expressly find and determine that the amendments set forth in Ordinance No. XX (2010), amending Sections 1505.1.1., 1505.8, and Table No. 1505.1 of the "California Building Code", 2010 Edition, are reasonably necessary because of local climatic, geological or topographic conditions. This express finding is supported and based upon the following more specific findings and determinations:

a. Located throughout the City of Diamond Bar, as well as in the surrounding cities, are numerous concentrations of structures which have roofs constructed of thinly cut pieces of wood, otherwise known as untreated shakes, as well as untreated

wood shingles. These untreated wood shakes and shingles are extremely combustible in nature.

b. The City of Diamond Bar, as well as the surrounding cities, is located in an area climatically classified as "arid" and prone to winds of high velocity. Moreover, due to the arid nature of the area, the weather during the windy periods tends to be very warm and dry. The dry weather conditions are very hazardous to the surrounding undeveloped hillsides and wild lands which neighbor highly populated areas.

c. Because of the above-described climatic and meteorological conditions, the City of Diamond Bar and the surrounding cities have historically suffered from occasional structural and brush fires. These have often been difficult to control due to the high velocity, dry winds carrying sparks and cinders to surrounding structures with roofs constructed as described in paragraph 6.a. above.

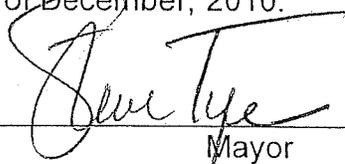
7. This Council does hereby expressly find and determine that the amendments set forth in Ordinance No. XX (2010), amending Section 321.0 of the "California Plumbing Code", 2007 Edition, are reasonably necessary because of local climatic, geological or topographical conditions. This express finding is supported and based upon the following more specific findings and determinations:

a. The City of Diamond Bar is subject to drought conditions. Its water provider, the Metropolitan Water District, may restrict local water supplies in such cases and impose surcharges on water supplied in excess of these levels. As water supplies are restricted further and the price of water rises, the City of Diamond Bar will find it difficult to maintain hillside erosion control and the general quality of life in our community will suffer.

b. Because of the above-described climatic condition affecting the City of Diamond Bar, the need for alternative methods of providing landscape irrigation is enormous. The use of reclaimed water will help to meet this demand, now and in the future.

8. This Council does hereby expressly find and determine that the amendments set forth in this Ordinance XX (2010) amending the "California Fire Code" (2010 Edition) by adding the Los Angeles County Amendments, are reasonably necessary because of local climatic, geological or topographic conditions. This express finding is supported and based upon the attached local conditions outlined by the County of Los Angeles Amendments.

ADOPTED AND APPROVED this 7th day of December, 2010.

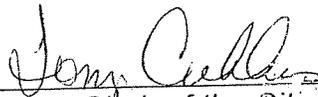


Mayor

I, TOMMYE CRIBBINS, City Clerk of the City of Diamond Bar, do hereby certify that the foregoing Resolution was passed, adopted and approved at a regular meeting of the City Council of the City of Diamond Bar held on the 7th day of December 2010, by the following vote:

AYES: COUNCILMEMBERS: Everett, Herrera, Tanaka,
MPT/Chang, M/Tye
NOES: COUNCILMEMBERS: None
ABSENT: COUNCILMEMBERS: None
ABSTAIN: COUNCILMEMBERS: None

ATTEST:



City Clerk of the City of Diamond Bar

standards contained in this code and identified in the table below shall be applicable only in those cities served by the District which have ratified the aforesaid sections in accordance with California Health and Safety Code section 13869.

Section	Local Condition	Explanation and Findings
304.1.2 – Vegetation	Climatic and Topographical	Local amendment requiring brush clearance in order to maintain defensible space for fire operations that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize the spreading of fire to structures.
315.2.2.1 – Storage under stairways	Climatic	Prevents storage of combustible materials under stairways to help prevent fire in stairways from preventing safe exit in event of fire. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
325.1.1 – Support clearance	Climatic and Topographical	Local amendment requiring brush clearance under electrical transmission lines in order to prevent fires caused by powerlines and to maintain defensible space for fire operations that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize the spreading of fire to structures.
325.1.2 – Line clearance	Climatic and Topographical	Local amendment requiring clearance away from electrical transmission lines in order to prevent fires caused by powerlines and to maintain defensible space for fire operations that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize the spreading of fire to structures.
325.1.3 – Self- supporting aerial cable	Climatic and Topographical	Local amendment requiring clearance of trees and other growth from aerial cables in order to prevent fires and to maintain defensible space for fire operations that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize the spreading of fire to structures.

325.2.1 – Clearances	Climatic and Topographical	Local amendment creating defensible space for fire operations that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize the spreading of fire to structures.
325.2.2 – Extra Hazard	Climatic and Topographical	Local amendment creating defensible space for fire operations that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire, to minimize impacts of fire in fire hazard severity zone, and to reduce possibility of wildland fires spreading to structures.
325.10 – Roadway Clearance	Climatic and Topographical	Local amendment requiring clearance of roadways to provide adequate access for firefighting apparatus, to create defensible space for fire operations, and to reduce the possibility of wildland fires spreading to structures Necessary due to Los Angeles County's unique climate and topography.
326.7 – Fire protection facilities required	Climatic, Geological, and Topographical	Local amendment to require fire safety measures including but not limited to water supply, firebreaks, posting of fire watchers, access roads, restriction of activities during high fire hazard and other conditions to maintain reasonable fire safety. Necessary due to Los Angeles County's unique climate and topography to reduce risk of fire, to reduce the possibility of wildland fires spreading to structures, and to minimize impacts of fire. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
326.12.2 - Chimneys	Climatic and Topographical	Local amendment to reduce the threat of fires by requiring spark arrestors on chimneys that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize impacts of fire. Such spark arrestors reduce the likelihood of embers exiting a chimney and igniting a fire.
326.14 – Roadway Clearance	Climatic and Topographical	Local amendment requiring clearance of roadways to provide adequate access for firefighting apparatus, to create defensible space for fire operations, and to reduce the possibility of wildland fires spreading to structures Necessary due to Los Angeles County's unique climate and topography.

503.1.2 – Additional access	Climatic, Geological, and Topographical	Provides for additional access requirements necessary because of terrain, climate or other factors that limit access. Necessary to ensure adequate response times due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
503.2.1 – Dimensions	Climatic, Geological, and Topographical	Requires unobstructed clearance to sky on fire apparatus access roads with exception for protected tree species. Necessary to prevent obstruction of access roads by tree limbs or other obstructions and thus allow for quick response times to fires and other emergencies. Necessary to ensure adequate response times due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
503.2.5 - Dead-ends	Climatic, Geological, and Topographical	Provides for more stringent width, turning radius and grade specifications for access roads to ensure access for fire apparatus. Necessary due to unique climatic and topographical conditions that increase the risk of fires. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
503.4 – Obstruction of fire apparatus access roads	Climatic, Geological, and Topographical	Adds speed bumps to list of prohibited obstructions to fire apparatus access roads. Speed bumps reduce response times to fires and other emergencies because fire apparatus have to slow down to pass over them or drive around them. Necessary to ensure adequate response times due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
503.4.1 – Traffic calming devices	Climatic, Geological, and Topographical	Requires fire code official approval to install traffic calming devices. Such devices can reduce response times to fires and other emergencies. Necessary to ensure adequate response times due

		to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
503.7 – Fire protection in recreational vehicle, mobile home, manufactured housing parks, sales lots, and storage lots	Climatic, Geological, and Topographical	Requires additional fire protection systems including fire-flow and access, for recreational vehicle, mobile home, and manufactured housing parks, sales lots, and storage lots. Necessary to ensure adequate water supply and access to such locations due to the unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
504.5 – Roof top access and safety	Climatic, Geological, and Topographical	Provides various design and location requirements for solar photovoltaic systems installed on roofs of buildings for residential and commercial structures. Access and spacing requirements ensure firefighter access to the roof, provide access pathways to specific areas of the roof, provide for venting cut-out areas, and to provide emergency egress from the roof. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
507.5.1.1 - Pool draft system in fire hazard severity zones.	Climatic, Geological, and Topographical	Requires a draft hydrant for swimming pools and spas located in the fire hazard severity zone in order to provide a source of water to fight fires. Necessary because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
507.5.10 – Draft System identification sign	Climatic, Geological, and Topographical	Provides posting of sign to notify fire department of draft hydrant for swimming pools and spas in fire hazard severity zone. Necessary because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.

<p>901.7.7 – Obstruction to fire protection equipment</p>	<p>Climatic, Geological, and Topographical</p>	<p>Prohibits obstruction of fire protection equipment. Necessary because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.</p>
<p>901.7.8 – Above- ground water control valve signs</p>	<p>Climatic, Geological, and Topographical</p>	<p>Provides signage requirements for water control valves in order to facilitate fire fighter identification and use of said valves in an emergency. Necessary because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.</p>
<p>901.7.11 – Clear space around above-ground water control valve signs</p>	<p>Climatic, Geological, and Topographical</p>	<p>Provides clearance requirements for water control valves in order to facilitate fire fighter identification and use of said valves in an emergency. Necessary because of unique climatic and topographical conditions that increase the risk of fires in fire hazard severity zones. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.</p>
<p>903.1.2 – Occupancies in Fire Hazard Severity Zones and in the Malibu- Santa Monica Mountains or San Gabriel Southface areas</p>	<p>Climatic, Geological, and Topographical</p>	<p>Provides an additional level of protection to occupancies in case of a fire by requiring installation of automatic fire sprinklers. Necessary because of unique climatic and topographical conditions that increase the risk of catastrophic fires in fire hazard severity zones and due to the topography that reduces response times to fires. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.</p>

903.2.11.3 - Building over three stories in height	Climatic and Geological	Provides an additional level of protection to occupancies in case of a fire by requiring installation of automatic fire sprinklers. Necessary because of large number of buildings over three stories in Los Angeles County that increases the risk of fire due to damage or collapse of buildings due to the increased prevalence of earthquakes in Los Angeles County.
903.4.2 - Alarms	Climatic and Geological	Requires installation of exterior fire alarm visual device. Visual alarms are necessary to warn both disabled and non-disabled persons. Necessary because of increased likelihood of fires due to climatic conditions. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the county.
903.7 - Buildings Four or more stories	Climatic and Geological	Requires installation of devices for the automatic fire sprinkler system within an exit stairway enclosure. Necessary because of increased likelihood of fires due to climatic conditions. Further necessary because risk of fire is increased due to the prevalence of earthquakes in the county.
905.2.1 - Class I standpipes; 905.2.1.1, 905.2.1.2; 905.2.1.3	Climatic	Construction and installation requirements for Class I standpipes to ensure adequate fire protection systems and water supply due to fires in Los Angeles County's hot and windy climate.
905.4 - Location of Class I standpipe hose connections	Climatic	Installation/Regulation of Fire Protection System to ensure proper location of hose connection to control fires in Los Angeles County's hot and windy climate.
905.5.3 - Class II System 1 1/2- inch hose	Climatic	Installation and regulation of interior wet standpipes to ensure adequate fire protection system due to fires in Los Angeles County's hot and windy climate.
905.6.1 - Protection	Climatic	Local amendment regarding installation and regulation of Fire Protection System to ensure proper location of hose connection to control fires in Los Angeles County's hot and windy climate.

905.6.1.1 - size	Climatic	Size requirements for Class III standpipes to ensure adequate fire protection system due to fires in Los Angeles County's hot and windy climate.
905.9 - Riser shutoff valve supervision and drain	Climatic	Additional requirements to fire protection system for testing, maintenance and operation to control fires in Los Angeles County's hot and windy climate.
905.12 - Basement pipe inlets, 905.12.1, 905.12.2, 905.12.4	Climatic	Requires installation and other guidelines related to inlets for fire protection systems in basements. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
907.9.4.1 - Obstruction of fire alarm equipment	Climatic, Geological, and Topographical	Prohibits concealing or obstructing fire alarm equipment. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions. Further necessary because the risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
910.2 - Where required	Climatic	Requires installation of smoke and heat vents in roofs of buildings or portions thereof occupied as Group F-1, S-1, or containing high-piled combustible storage. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
910.2.1.1 - Group S-2	Climatic	Requires smoke and heat removal for basement level parking garages. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
910.4 - Mechanical smoke exhaust	Climatic	Requirements for mechanical smoke exhaust in buildings. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
912.2.1 - Visible location	Climatic, Topographical, Geological	Requires fire department connections to be located within 150 feet of a public fire hydrant and at a safe distance from the building. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions. Further necessary because the risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.

912.7 – Identi- fication	Climatic, Topographical	Requires red paint on fire department connections subject to rust or corrosion in order to identify them to firefighters and protect from the elements. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
912.8 – Breakable caps or plugs	Climatic, Topographical	Requires breakable caps or plugs for fire hose couplings to protect them from the elements and to ensure easy access to the fire department connection during fires. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
914.9.1 - Spray booths	Climatic	Requires Spray booths to have automatic fire sprinkler system protection under specified conditions. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions. Further necessary because the risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.
1007.9.1 – Signage of high-rise buildings	Climatic, Geological, and Topographical	Requirements for signage warning against elevator use in an emergency. Necessary to ensure proper notice and evacuation in case of fire or other emergency. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions. Further necessary because risk of fire and need for evacuation is increased due to the prevalence of earthquakes in Los Angeles County.
1107.9 – Helistops for high rise	Climatic; Topographical	Provides for additional public safety evacuation/landing area on high-rise buildings. Necessary due to large number of high-rise buildings in Los Angeles County and difficulty in evacuating high-rise buildings in case of fire or other emergency.
1107.10 – Helistops in fire hazard severity zones; 1107.10.1 Surface;	Climatic; Topographical	Provides for requirements for helistops in fire hazard severity zones to enable helicopters and associated water tenders and support equipment to safely operate to conduct operations to combat fires in those areas. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions and topography that hinders the ability for fire apparatus to gain access to remote portions of the County.

1107.10.2 - Hydrant	Climatic; Topographical	Provides for a hydrant next to helistops in fire hazard severity zones to enable helicopters to fill their tanks to facilitate water drops on wildland fires in those areas. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions and topography that hinders the ability for fire apparatus to gain access to remote portions of the County.
1107.10.3 – Access	Climatic; Topographical	Provides for requirements for fire apparatus access to helistops in fire hazard severity zones to enable support equipment and apparatus associated with helicopter operations to combat fires in those areas. Necessary because of increased danger of fire in the county due to hot and windy conditions and topography that hinders the ability for fire apparatus to gain access to remote portions of the County.
1504.4 - Fire Protection	Climatic	Provides for spray booths to be equipped with automatic fire sprinklers. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
Sections 1603, 1604, 1605, 1606, 1607 – Fruit and Crop Ripening	Climatic and Geological	Provides requirements for fruit and crop ripening operations to prevent ignition of ethylene gas and reduce risk of fire and explosion. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions and to reduce risk of fires and explosion from earthquakes.
1910 - Storage of Combustible Idle Pallets, 1910.10, 1910.2, 1910.3, 1910.4, 1910.5, 1910.6, Table 1910.4.1, Table 1910.4.2	Climatic	Provides requirements for the safe storage of combustible pallets to reduce risk of fire. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
Table 2306.2	Climatic and Geological	Provides for increased separation for aisles. Necessary because of unique climatic conditions that increase the risk of fires. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.

2306.7.1 - Vents	Climatic	Requires installation of smoke and heat vents. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.
2308.2.2 - Racks with solid shelving	Climatic	Provides for effectiveness of sprinkler systems by prohibiting solid shelves, which would restrict water from extinguishing fire on shelves. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions.
2404.21 - Combustible vegetation.	Climatic and Topographic	Increased clearance requirements for combustible vegetation near tents and membrane structures. Necessary to increase fire and life safety around such structures and to create defensible space. Necessary because of fire risk due to climate and unique topography of Los Angeles County.
2605.9 - Backflash Prevention	Geological	Requirements for protective devices to be installed on fuel gas and oxygen lines to increase safety and reduce risk of explosion and fire. Necessary because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County.
2703.11.3.8 - Floors	Climatic and Geological	Creates requirements for floors in buildings where hazardous materials are used or stored. Necessary to increase fire and life safety and to minimize fire danger from hazardous materials. Necessary because risk of fire and spillage of hazardous materials is increased due to the prevalence of earthquakes in Los Angeles County.
3404.2.8.3 - Secondary Containment	Geological	Requirements for secondary containment of flammable and combustible liquids that are necessary to increase fire and life safety and to prevent fires involving flammable and combustible liquids from spreading. Necessary because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County.
3404.2.8.16.1 - System requirements	Climatic and Geological	Require foam deluge system. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County.

3404.2.9.1.1 - Required foam fire protection systems	Geological and Climatic	Requires all above-ground tanks exceeding 1,500 square feet of liquid surface area used for the storage of Class I or Class II flammable liquids to be provided with foam fire protection. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County
3404.2.9.6.1 .3 - Location of tanks for boilover liquids	Geological and Climatic	Provides for additional spacing between tanks to reduce fire danger and help prevent fire from spreading to adjacent tanks. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County.
3404.3.7.6 - Construction	Geological and Climatic	Construction and fire access requirements for liquid storage rooms. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions and because risk of explosion or container failure is increased due to the prevalence of earthquakes in Los Angeles County.
3406.5.1.1 - Location	Geological and Climatic	Provides increased distances for bulk transfer and process transfer operations so that they are farther away from the public and other buildings. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County
3406.5.1.19 - Liquid transfer	Geological and Climatic	Class I, II, or III liquids shall be transferred from a tank vehicle or tank car only into an approved atmospheric tank or approved portable tank. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County
3804.4 - Multiple container installation	Geological and Climatic	Requirements for LP gas storage tank distances. Necessary because of increased danger of fire in Los Angeles County due to climatic conditions and because risk of leaks or tank failure is increased due to the prevalence of earthquakes in Los Angeles County

4605.1 – tire storage yard; 4605.1.1 – access to piles; 4605.1.2	Climatic and Topographical	Creates requirements for fire access roads for outdoor operations to enable fire apparatus to gain access to fight fires. Necessary to increase fire and life safety and to minimize risk of fire spreading beyond storage areas. Necessary because risk of fire due to climate and topography in Los Angeles County.
4907.1 – General	Climatic and Topographical	Local amendment providing that defensible space requirements shall also comply with Chapter 3 of this code. Necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize impacts of fire in fire hazard severity zone.
4908.1 – Fuel Modification Plan in Fire Hazard Severity Zone; 4908.1.1 Plan Modification	Climatic and Topographical	Local amendment creating defensible space for fire operations that is necessary due to Los Angeles County's unique climate and topography to reduce risk of fire and to minimize impacts of fire in fire hazard severity zone.
5004 – fire apparatus access roads; 5006 – housekeeping ; 5008 tires;	Climatic and Topographical	Creates requirements for fire access roads and storage requirements for tire storage in automobile wrecking yards. Necessary to enable fire apparatus and fire fighters to gain access to fight fires and respond to emergencies. Necessary because risk of fire due to climate and topography in Los Angeles County.
APPENDIX B B105.1 – One-family dwellings	Topographical and Climatic	Provides for increased fire-flow to allow for more water to be available to fight fires. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
APPENDIX B B105.1.1 – Two-family dwellings	Topographical and Climatic	Provides for increased fire-flow to allow for more water to be available to fight fires. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.

APPENDIX B B105.2 – Buildings other than one-and two- family dwellings	Topographical and Climatic	Provides for increased fire-flow to allow for more water to be available to fight fires. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
APPENDIX B B105.3 – Mobile home parks	Topographical and Climatic	Provides for increased fire-flow at mobile home parks in Very High Fire Hazard Severity Zones to allow for more water to be available to fight fires. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
APPENDIX B B105.4 – Land subdivision projects	Topographical and Climatic	Provides for increased fire-flow for subdivisions of land to allow for more water to be available to fight fires. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
APPENDIX C, Section C102.2 – Location on street	Topographical and Climatic	Provides for hydrant spacing on streets to ensure hydrants are accessible to firefighters. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
APPENDIX C, Section C105.2 – One-family dwelling	Topographical and Climatic	Provides for hydrant spacing to ensure that water is available to fight fires. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
APPENDIX C, Section C105.2.1 – Cul-de-sac hydrant location	Topographical and Climatic	Provides for hydrant spacing for cul-de-sacs to ensure that there is adequate water supply available to fight fires. Necessary because of increased danger of fire in the County due to climatic and topographical conditions.
APPENDIX C, Section C105.2.2 – Buildings other than one-family dwelling units.	Topographical and Climatic	Provides for hydrant spacing for buildings other than single family dwellings to ensure that there is adequate water supply available to fight fires. Necessary because of increased danger of fire in the County due to climatic and topographical conditions.

<p>APPENDIX C, Section C106 – On-site hydrants</p>	<p>Topographical and Climatic</p>	<p>Provides requirements for on-site hydrants to ensure that there is adequate water supply available to fight fires. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.</p>
<p>APPENDIX K – Roof Obstructions, K103.1, K103.2, K103.2.1, K103.2.1.1, K103.2.1.2, K103.2.1.3, K103.2.2, K103.2.2.1, K103.2.3, K103.2.4, K103.3, K103.4, K103.4.2, K103.2.1, K103.4.2.2, K103.4.2.3, K103.4.2.4, K103.4.3, K103.4.3.1, K103.4.3.2, K103.4.3.2.1, K103.4.3.2.2, K103.4.3.2.3, K103.4.3.2.4, K103.4.3.2.5, K103.4.3.2.6, K103.5, K103.5.1</p>	<p>Topographical and Climatic</p>	<p>Provides various design and location requirements for solar photovoltaic systems installed on roofs of buildings for residential and commercial structures. Access and spacing requirements ensure firefighter access to the roof, provide access pathways to specific areas of the roof, provide for venting cut-out areas, and to provide emergency egress from the roof. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.</p>

Appendix K104.1, K104.2, K104.2.1, K104.2.2, K104.2.2.2, K104.2.2.3, K104.2.3, K104.2.3.1, K104.2.3.2 K104.2.3.2.1, K104.2.3.2.2, K104.2.3.2.3, K104.2.3.2.4, K104.2.3.5, K104.2.3.6, K104.3	Topographical and Climatic	Provides various design and location requirements for roof gardens and landscaped roofs for residential and commercial structures. Access and spacing requirements ensure firefighter access to the roof, provide access pathways to specific areas of the roof, provide for venting cut-out areas, and to provide emergency egress from the roof. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions.
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SECTION This ordinance shall become effective on January 1, 2011.

[TITLE322010AMENDMENTSICC]

