

**BUILDING STANDARDS COMMISSION**

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



January 7, 2014

Theresa Devoy  
City Clerk  
City of Norwalk  
12700 Norwalk Blvd  
Norwalk, CA 90651

RE: Ordinance #13-1649

Dear Ms. Devoy:

This letter is to advise you of our determination regarding the referenced ordinance with express findings received from your agency on November 25, 2013.

Our review finds the submittal to contain one ordinance modifying provisions of the 2013 California Building Standards Code in Title 24, California Code of Regulations (code), and express findings complying with Health and Safety Code §§17958.7 and 18941.5. The code modification is accepted for filing and is enforceable. This letter attests only to the satisfaction of the cited law for filing of local code amendment supported by an express finding with the Commission. The Commission is not authorized by law to evaluate the merit of the code modification or the express finding.

Local modifications to the code 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.

On a related matter, should your city receive and ratify Fire Protection District ordinances making modifications to the code, be advised that Health and Safety Code §13869.7(c) requires such ratified ordinances and express findings to be filed with the Department of Housing and Community Development, Division of Codes and Standards, State Housing Law Program, rather than this Commission. Also, ordinances making modifications to the energy efficiency standards of the code may require approval from the California Energy Commission pursuant to Public Resources Code §25402.1(h)(2).

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

Sincerely,

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

Enrique M. Rodriguez  
Associate Construction Analyst

cc: Chron  
Local Filings

LUIGI VERNOLA  
Mayor  
MARCEL RODARTE  
Vice Mayor  
CHERI KELLEY  
Councilmember  
MICHAEL MENDEZ  
Councilmember  
LEONARD SHRYOCK  
Councilmember  
MICHAEL J. EGAN  
City Manager

2013 NOV 21 PM 15  
CITY OF NORWALK  
COMMUNICATIONS SECTION



12700 NORWALK BLVD., P.O. BOX 1030, NORWALK, CA 90651-1030 \* PHONE: 562/929-5700 \* FACSIMILE: 562/929-5773 \* WWW.NORWALKCA.GOV

November 21, 2013

California Building Standards Commission  
2525 Natomas Park Dr., Suite 130  
Sacramento, CA 95833

RE: City of Norwalk, Building Codes Adoption Ordinance

Mr. Dave Walls:

The City of Norwalk has adopted the 2013 editions of the Building, Residential, Fire, Plumbing, Electrical, Mechanical, Existing Building, and Green Building Standards Codes of the State of California.

The City of Norwalk has recommended changes and modifications to the Codes and have advised that certain said changes and modifications to the 2013 Editions of the California Building, Residential, Fire, Plumbing, Electrical, Mechanical, Existing Building, and Green Building Standards Codes are reasonably necessary due to local conditions in the City of Norwalk 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 Norwalk.

The enclosed City Ordinance and Resolution are for your files.

If additional information is desired please telephone this office at (562) 929-5739.

Sincerely,

Theresa Devoy  
City Clerk

Enclosures (2)

## **RESOLUTION NO. 13-78**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NORWALK MAKING EXPRESS FINDINGS AND DETERMINATIONS THAT MODIFICATIONS TO THE CALIFORNIA BUILDING, RESIDENTIAL, FIRE, PLUMBING, ELECTRICAL, MECHANICAL, EXISTING BUILDING, AND GREEN BUILDING STANDARDS CODES IN ORDINANCE NO. 13-1649 ARE REASONABLY NECESSARY BECAUSE OF LOCAL CLIMATIC, GEOLOGICAL OR TOPOGRAPHICAL CONDITIONS**

**WHEREAS**, Health and Safety Code Section 17958 provides that the City of Norwalk shall adopt Ordinances and regulations imposing the same or modified or changed requirements as are contained in the regulations adopted by the State pursuant to Health and Safety Code Section 17922; and

**WHEREAS**, the State of California is mandated by Health and Safety Code Section 17922 to impose the same requirements as are contained in the most recent edition of the California Building Code, the California Residential Code, the California Fire Code, the California Plumbing Code, the California Electrical Code, the California Mechanical Code, the California Existing Building Code and the California Green Building Standards Code (hereinafter referred collectively as the "Codes"); and

**WHEREAS**, Health and Safety Code Section 17598.7(a) permits the City to make modifications or changes to the Codes, which are reasonably necessary because of local climatic, geographic or topographic conditions; and

**WHEREAS**, Health and Safety Code Section 17958.7 requires that the City Council, before making any modifications or changes to the Codes, shall make an express finding that such changes or modifications are reasonably necessary because of local climatic, geological or topographical conditions; and

**WHEREAS**, Ordinance No. 13-1649 of the City of Norwalk includes several modifications to the 2013 California Building Code, California Residential Code, California Fire Code, California Plumbing Code, California Electrical Code, California Mechanical Code, California Existing Building Code, and California Green Building Standards Code; and

**WHEREAS**, the Community Development Department recommended that changes and modifications be made to the Codes and have advised that certain said changes and modifications to the 2013 Edition of the California Building Code, California Residential Code, California Fire Code, California Plumbing Code, California Electrical Code, California Mechanical Code, California Existing Building Code, and California Green Building Standards Code are reasonably necessary due to local conditions in the City of Norwalk.

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF NORWALK HEREBY FINDS, DETERMINES, AND RESOLVES AS FOLLOWS:**

**Section 1.** The City Council hereby finds that the following climatic conditions exist in the City of Norwalk:

- A. The City of Norwalk is located in a semi-arid Mediterranean type climate that predisposes all fuels, including wood shingles, to rapid ignition and spread of fire. Therefore, there exists a need for additional fire protection measures.
- B. The City of Norwalk is located in an area subject to hot "Santa Ana" conditions consisting of potentially high winds and low humidity. This combination of events creates an environment, which is conducive to rapidly spreading fires. Control of such fires requires rapid response. Obstacles generated by a strong wind, such as fallen trees, street lights and utility poles, and the current level of traffic congestion will greatly impact the response time to reach an incident scene.
- C. Untreated wood roofs cause or contribute to serious fire hazards and to the rapid spread of fires when such fires are accompanied by high winds. Pieces of burning wooden roofs become flying brands and are carried by the wind to other locations and thereby spread fire quickly. Recent Grand Jury Report findings support this concern.
- D. The City is subject to dry seasonal weather conditions followed by occasional heavy winter rains, which in combination with the density of the development throughout the City and the relatively flat terrain create substantive concerns regarding the quality of storm water runoff, and require the City to take steps to effectively reduce and control contributions to the storm water system.

**Section 2.** The City Council hereby finds that the following geological conditions exist in the City of Norwalk:

- A. The Los Angeles region is a densely populated area that has buildings constructed over and near a vast and complex network of faults that are believed to be capable of producing future earthquakes similar or greater in size than the 1994 Northridge, 1987 Whittier and 1933 Long Beach earthquakes. The State Department of Conservation, Division of Mines and Geology has identified that soils in the City of Norwalk are subject to liquefaction under certain conditions. Experts predict a major earthquake in our area within the next 30 years. This situation creates the need for both additional fire protection measures and automatic on-site fire protection for building occupants since a multitude of fires may result from breakage of gas and electric lines as a result of an earthquake.

- B. The City of Norwalk is located in the middle of a highly active seismic active area. The viability of the public water system would be questionable at best after a major seismic event. A severe seismic event has the potential to negatively impact any rescue or fire suppression activities because it is likely to create obstacles similar to those indicated under the high wind section above.

**Section 3.** The City Council hereby finds that the following topographic conditions exist in the City of Norwalk:

- A. Traffic and circulation congestion presently existing in the City of Norwalk often places fire department response time to fire occurrences at risk. This condition will be exacerbated by any major disaster, including any earthquake wherein damage to the highway system may occur. This condition makes the need for additional on-site protection for property occupants necessary.
- B. Placement of multiple occupancy buildings, location of arterial roads, and fire department staffing constraints due to recent revenue-limiting state legislation have made it difficult for the fire department to locate additional fire stations and provide manpower sufficient to concentrate fire companies and personnel to control fires in high density apartment or condominium buildings. These conditions create the need for built-in on-site fire protection systems to protect occupants and property until fire fighting apparatus and personnel arrive on the scene.

**Section 4.** Amendments related to fire and life-safety contained in Table 1505.1, Sections 1505.1.3, 1505.1.5, 1505.5, 1505.7, 1613.7, 1613.10, 1807.1.4, 1807.1.6, and 3109.4.4, of the 2013 Edition of the California Building Code, and the Amendments related to fire and life-safety contained in Tables R301.2(1), R602.10.3(3) and Sections R305.1, R403.1.3, R902.1, R902.1.3, R902.1.5 and R902.2 of the 2013 Edition of the California Residential Code, and the Amendments related to fire and life-safety contained in Sections 101.1, 101.2.6, 101.3, and 3308.1 of the 2013 Edition of the California Fire Code, and the addition of Appendix Chapter M to the 2013 Edition of the California Plumbing Code and Articles 310.2(B) and 310.16 of the 2013 Edition of the California Electrical Code, and amendments to Section 202, and 4.304.1 of the Green Building Standards Code, as recommended by the Community Development Department are hereby found to be reasonably necessary due to the local climatic, geological or topographic conditions.

Amendments to the 2013 Editions of the California Building, Residential, Fire, Plumbing, Electrical, Mechanical, and Green Building Standards Codes are found reasonably necessary based on the climatic, geological or topographic conditions cited in Sections 1, 2 and/or 3 of this Resolution or are administrative in nature and are listed as follows:

| <b>California Building Code Section</b> | <b>Findings (section-item)</b> |
|---|--------------------------------|
| Chapter 1 Division II - Administration  | Administrative                 |
| Table 1505.1                            | 1-A, 1-B, 2-A & 3-A            |
| 1505.1.3, 1505.1.5, 1505.5 and 1505.7   | 1-A, 1-B, 2-A & 3-A            |
| 1613.7 and 1613.10                      | 2-A                            |
| 1807.1.4 and 1807.1.6                   | 2-A                            |
| 3109.4.4.1 and 3109.4.4.2               | 1-B & Administrative           |

| <b>California Residential Code Section</b> | <b>Findings</b>                |
|--|--------------------------------|
| Chapter 1 Division II - Administration     | Administrative                 |
| Table R301.2.1                             | 1-B, 1-D, 2-A & Administrative |
| R305.1                                     | Administrative                 |
| R403.1.3                                   | 2-A                            |
| Table 602.10.3(3)                          | 2-A                            |
| R902.1, R902.1.3 and R902.1.5              | 1-A, 1-B, 2-A & 3-A            |
| R902.2                                     | 1-A, 1-B, 1-C, 2-A & 3-A       |

| <b>California Fire Code Section</b> | <b>Findings</b>                     |
|-------------------------------------|-------------------------------------|
| 101.1 & 101.3                       | Administrative                      |
| 101.2                               | 1-A, 1-B, 2-B, 3-A & Administrative |
| 3308.1                              | Administrative                      |

| <b>California Electrical Code Section</b> | <b>Findings</b>           |
|---|---------------------------|
| Chapter 1 Administrative Provisions       | Administrative            |
| 310.2(B), 310.16                          | 1-A, 2-B & Administrative |

| <b>California Mechanical Code Section</b> | <b>Findings</b> |
|---|-----------------|
| Chapter 1 Administrative Provisions       | Administrative  |

| <b>California Plumbing Code Section</b> | <b>Findings</b>       |
|---|-----------------------|
| Chapter 1 Administrative Provisions     | Administrative        |
| Appendix Chapter M                      | 1-D, & Administrative |

| <b>California Green Building Standards Code Section</b> | <b>Findings</b>      |
|---|----------------------|
| 202   | Administrative       |
| 4.304.1   | 1-D & Administrative |

**Section 5.** Additional amendments have been made to the California Codes on the recommendation of the Community Development Department, such amendments are hereby found to be either administrative or procedural in nature or concern themselves with subjects not covered in such Codes. The changes made include provisions making each of said Codes compatible with other Codes enforced by the City. The aforementioned amendments have been incorporated in detail in Ordinance No. 13-1649.

**Section 6.** If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this resolution is for any reason held to be invalid, such invalidity shall not affect the validity of the remaining portions of this resolution. The City Council of the City of Norwalk 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, causes or phrases be declared invalid.

**Section 7.** The City Clerk shall certify to the adoption of this resolution.

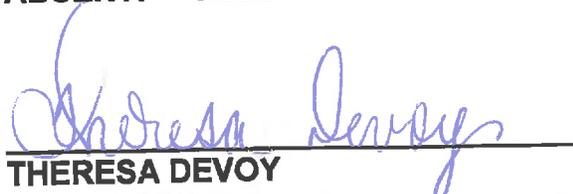
**APPROVED AND ADOPTED on this 19<sup>th</sup> day of November 2013.**

  
\_\_\_\_\_  
**LUIGI VERNOLA  
MAYOR**

**ATTEST:**

I, **Theresa Devoy**, City Clerk of the City of Norwalk, California **DO HEREBY CERTIFY** that the foregoing Resolution, being **Resolution No. 13-78** has been duly signed by the Mayor and attested by the City Clerk, all at a regular meeting of the Norwalk City Council, held November 19, 2013, and that the same was approved and adopted by the following vote to wit:

**AYES:** Councilmembers Kelley, Mendez, and Shryock; Vice Mayor Rodarte and Mayor Vernola  
**NOES:** None  
**ABSENT:** None

  
\_\_\_\_\_  
**THERESA DEVOY  
CITY CLERK**

**ORDINANCE NO. 13-1649**

**AN ORDINANCE OF THE CITY OF NORWALK ADOPTING BY REFERENCE THE 2013 EDITIONS OF THE CALIFORNIA BUILDING, RESIDENTIAL, FIRE, PLUMBING, ELECTRICAL, MECHANICAL, EXISTING BUILDING, AND GREEN BUILDING STANDARDS CODES AND RELATED MODEL CODES, WITH APPENDICES AND AMENDMENTS THERETO; AND AMENDING THE NORWALK MUNICIPAL CODE**

**THE CITY COUNCIL OF THE CITY OF NORWALK HEREBY ORDAINS AS FOLLOWS:**

**Section 1.** Sections 15.04.020 and 15.04.040 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A," attached hereto and incorporated herein by this reference.

**Section 2.** Section 15.04.050 of the Norwalk Municipal Code is hereby repealed, provided, however, that such repeal shall not affect or excuse any violation thereof occurring prior to the effective date of this Ordinance. A new Section 15.04.050 is hereby added to read as shown in Exhibit "A."

**Section 3.** Sections 15.06.020 and 15.06.040 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A."

**Section 4.** Section 15.06.050 of the Norwalk Municipal Code is hereby repealed, provided, however, that such repeal shall not affect or excuse any violation thereof occurring prior to the effective date of this Ordinance. A new Section 15.06.050 is hereby added to read as shown in Exhibit "A."

**Section 5.** Sections 15.08.020 and 15.08.030 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A."

**Section 6.** Sections 15.12.020 and 15.12.040 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A."

**Section 7.** Sections 15.16.020 and 15.16.050 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A."

**Section 8.** Chapter 15.24 of the Norwalk Municipal Code is hereby amended to read as shown in Exhibit "A."

**Section 9.** Sections 15.28.020 and 15.28.050 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A."

**Section 10.** Sections 15.30.020 and 15.30.050 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A."

**Section 11.** Sections 15.32.010.4; 15.32.050.1; 15.32.130.3.1; 15.32.160.3; and 15.32.160.23 of the Norwalk Municipal Code are hereby amended to read as shown in Exhibit "A."

**Section 12.** Chapter 15.36 of the Norwalk Municipal Code is hereby amended to read as shown in Exhibit "A."

**Section 13.** All inconsistencies between building standards set forth in the Building Code, Residential Code, Fire Code, Plumbing Code, Electrical Code, Mechanical Code, Existing Building Code and Green Building Standards Code as adopted by this Ordinance and Parts 2, 2.5, 3, 4, 5, 9, 10 and 11 of Title 24 of the California Code of Regulations are changes, modifications, amendments, additions or deletions thereto authorized by California Health and Safety Code Sections 17958.5 and 17958.7

**Section 14.** The changes and modifications to the California Building Code, California Residential Code, California Fire Code, California Plumbing Code, California Electrical Code, California Mechanical Code, California Existing Building Code, and the California Green Building Standards Code that have been enacted by this Ordinance are reasonably necessary because of local climate, characterized by hot, dry summers, followed by strong Santa Ana winds and heavy winter rains, the location in Southern California and the relatively flat terrain of the City subject to geologic instability.

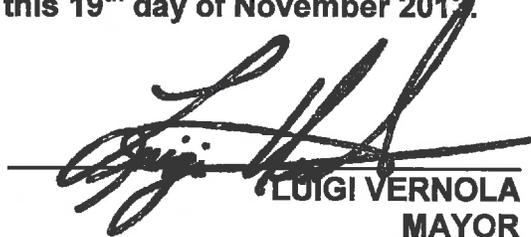
**Section 15.** To the extent the provisions of this Ordinance are substantially the same as previous provisions of the Norwalk Municipal Code, these provisions shall be construed as continuations of those provisions and not as new enactments. Nothing in this Ordinance, nor the adoption of this Ordinance, shall excuse any violation of Title 15 of the Norwalk Municipal Code, occurring prior to the effective date hereof.

**Section 16.** This Ordinance shall be effective 30 days from the date of adoption, but the provisions shall not be operative until January 1, 2014.

**Section 17.** If any section, clause or phrase of this Ordinance is for any reason held to be unconstitutional, or otherwise invalid, such decision shall not affect the validity of the remaining sections of this Ordinance. The City Council hereby declares that it would have passed this Ordinance and each section, subsection, sentence, clause and phrase thereof irrespective of the fact that any one or more sections, subsections, sentences, clauses or phrases may be declared unconstitutional.

**Section 18.** The City Clerk shall certify to the passage of this Ordinance and shall cause this Ordinance to be published or posted as required by law.

**PASSED, APPROVED AND ADOPTED on this 19<sup>th</sup> day of November 2013.**

  
LUIGI VERNOLA  
MAYOR

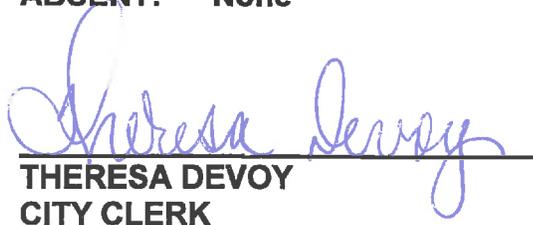
**ATTEST:**

I, **Theresa Devoy**, City Clerk of the City of Norwalk, **DO HEREBY CERTIFY** that the foregoing Ordinance was introduced at a regular meeting of the City Council held November 5, 2013 and adopted as **Ordinance No. 13-1649** of the City of Norwalk at a regular meeting of the City Council held on November 19, 2013 and said Ordinance has been duly signed by the Mayor and attested by the City Clerk and that the same was approved and adopted by the following vote to wit:

**AYES: Councilmembers Kelley, Mendez, and Shryock; Vice Mayor Rodarte and Mayor Vernola**

**NOES: None**

**ABSENT: None**

  
THERESA DEVOY  
CITY CLERK

## EXHIBIT "A"

### **"15.04.020 Building Code adopted.**

Except as hereinafter provided, the California Building Code, 2013 Edition, based on the 2012 International Building Code as published by the International Code Council, including Appendices I and J thereto, is adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Building Code of the City. A copy of the 2013 California Building Code has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

### **15.04.040 Amendments.**

Notwithstanding the provisions of Subsection 15.04.020 the California Building Code is hereby amended as follows:

- A. Division II (Scope and Administration) of Chapter 1 is hereby deleted.
- B. Table 1505.1 is hereby amended, by the deletion of Table 1505.1 and the addition of a new Table 1505.1 thereto, to read as follows:

**TABLE 1505.1<sup>a</sup>**  
**MINIMUM ROOF COVERING CLASSIFICATIONS**  
**TYPES OF CONSTRUCTION**

|    |    |     |     |      |      |    |    |    |
|----|----|-----|-----|------|------|----|----|----|
| IA | IB | IIA | IIB | IIIA | IIIB | IV | VA | VB |
| B  | B  | B   | B   | B    | B    | B  | B  | B  |

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m<sup>2</sup>.

a. Unless otherwise required in accordance with Chapter 7A.

- C. Section 1505.1.3 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**1505.1.3 Roof coverings within all other areas.** The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure, and any roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least Class B.

- D. Section 1505.1.5 is hereby added to Chapter 15 to read as follows:

**1505.1.5 Fire-retardant roof covering required for multiple dwellings.**

A. Declaration of purposes and intent. The purposes of this subsection are to require the use of fire-retardant roof coverings in all new construction of multiple family dwellings, apartment houses or condominium projects; and to require fire-retardant roof coverings to be installed wherever existing multiple family dwellings, apartment houses or condominium projects are reconstructed

and the value of said reconstruction or rehabilitation work exceeds 50 percent of the valuation of the building; and to set the minimum standards for such fire-retardant roof coverings. This section is necessary to alleviate the danger of conflagration existing where structures with highly flammable roof coverings are located in close proximity to one another. This danger is especially grave where there is a high density of persons residing in those structures.

B. Multiple dwellings and condominium redevelopments fire-retardant roof covering.

2.1 All multiple dwellings, apartment houses, or condominium projects, hereafter erected, constructed or moved within or onto any property in the City zoned for such uses shall be covered with a fire-retardant roof covering that is at least Class A.

2.2 Whenever an existing multiple family dwelling, apartment house or condominium project is reconstructed or rehabilitated and the cost of such reconstruction or rehabilitation work exceeds fifty (50%) percent of the valuation of the building, then a fire-retardant roof covering that is at least Class A shall be constructed on the multiple family dwelling, apartment house or condominium project.

2.3 Fire-retardant roof coverings shall be constructed in accordance with Chapter 15 of the Building Code.

E. Section 1505.5 is hereby deleted.

F. Section 1505.7 is hereby deleted.

G. Section 1613.5.3 is hereby added to Chapter 16 to read as follows:

**1613.5.3** Modify ASCE 7 Section 12.2.3.1 Exception 3 as follows:

3. Detached one and two-family dwellings up to two stories in height of light frame construction.

H. Section 1613.6 is hereby added to Chapter 16 to read as follows:

**1613.6 Suspended Ceilings.** Minimum design and installation standards for suspended ceilings shall be determined in accordance with the requirements of Section 2506.2.1 of this Code and this section.

**1613.6.1 Scope.** This part contains special requirements for suspended ceilings and lighting systems. Provisions of Section 13.5.6 of ASCE 7-10 shall apply except as modified herein.

**1613.6.2 General.** The suspended ceilings and lighting systems shall be limited to 6 feet (1829 mm) below the structural deck unless the lateral bracing is designed by a licensed engineer or architect.

**1613.6.3 Sprinkler Heads.** All sprinkler heads (drops) except fire-resistance-rated floor/ceiling or roof/ceiling assemblies, shall be designed to allow for free movement of the sprinkler pipes with oversize rings, sleeves or adaptors through the ceiling tile. Sprinkler heads and other penetrations shall have a 2 inch (51mm) oversize ring, sleeve, or adapter through the ceiling tile to allow for free movement of at least 1 inch (25.4 mm) in all horizontal directions. Alternatively, a swing joint that can accommodate 1 inch (25.4 mm) of ceiling movement in all horizontal directions is permitted to be provided at the top of the sprinkler head extension.

Sprinkler heads penetrating fire-resistance-rated floor/ceiling or roof/ceiling assemblies shall comply with Section 714 of this Code.

I. Section 1807.1.4 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**1807.1.4 Permanent wood foundation systems.** Permanent wood foundation systems shall be designed and installed in accordance with AF&PA PWF. Lumber and plywood shall be treated in accordance with AWPA U1 (Commodity Specification A, Use Category 4B and Section 5.2) and shall be identified in accordance with Section 2303.1.8.1. Permanent wood foundation systems shall not be used for structures assigned to Seismic Design Category D, E or F.

J. Section 1807.1.6 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**1807.1.6 Prescriptive design of concrete and masonry foundation walls.** Concrete and masonry foundation walls that are laterally supported at the top and bottom shall be permitted to be designed and constructed in accordance with this section. Prescriptive design of foundation walls shall not be used for structures assigned to Seismic Design Category D, E or F.

K. Section 3109.4.4.1 is hereby amended, by the addition of the following definition, to read as follows:

**PRIVATE POOL** means any constructed pool, permanent or portable, over 18 inches deep which is intended for non-commercial use as swimming pool by not more than three owner families and their guests.

L. Section 3109.4.4.2 is hereby amended, 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:

**15.04.050 [Reserved]**

**15.06.020 Residential Code adopted.**

Except as hereinafter provided, the California Residential Code, 2013 Edition, based on the 2012 International Residential Code as published by the International Code Council, including Appendix H thereto is adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Residential Code of the City. A copy of the 2013 California Residential Code has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

**15.06.040 Amendments.**

Notwithstanding the provisions of Section 15.06.020 the California Residential Code is hereby amended as follows:

- A. Division II Administration of Chapter 1 is hereby deleted.
- B. Table R301.2(1) is hereby amended, by the deletion of Table R301.2(1) and the addition of a new Table R301.2(1) thereto, to read as follows:

**TABLE R301.2 (1)  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

| GROUND SNOW LOAD | WIND DESIGN              |                                  | SEISMIC DESIGN CATEGORY | SUBJECT TO DAMAGE FROM  |                               |                      | WINTER DESIGN TEMP ° | ICE BARRIER UNDERLAYMENT REQUIRED <sup>b</sup> | FLOOD HAZARDS <sup>g</sup>      | AIR FREEZING INDEX <sup>i</sup> | MEAN ANNUAL TEMP <sup>j</sup> |
|------------------|--------------------------|----------------------------------|-------------------------|-------------------------|-------------------------------|----------------------|----------------------|--|---------------------------------|---------------------------------|-------------------------------|
|                  | Speed <sup>d</sup> (mph) | Topographic effects <sup>k</sup> |                         | Weathering <sup>a</sup> | Frost line Depth <sup>b</sup> | Termite <sup>c</sup> |                      |  |                                 |                                 |                               |
| Zero             | 85                       | No                               | D <sub>2</sub> or E     | Negligible              | 12-24"                        | Very Heavy           | 40                   | No   | See Ord. 08-1613 Adopted 8/5/08 | 0                               | 63                            |

For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

- a. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index (i.e., "negligible," "moderate" or "severe") for concrete as determined from the Weathering Probability Map [Figure R301.2(3)]. The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.
- b. The frost line depth may require deeper footings than indicated in Figure R403.1(1). The jurisdiction shall fill in the frost line depth column with the minimum depth of footing below finish grade.
- c. The jurisdiction shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.
- d. The jurisdiction shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2(4)]. Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.
- e. Temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official.
- f. The jurisdiction shall fill in this part of the table with the seismic design category determined from Section R301.2.2.1.

g. The jurisdiction shall fill in this part of the table with (a) the date of the jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the Flood Insurance Study and (c) the panel numbers and dates of all currently effective FIRMs and FBFMs or other flood hazard map adopted by the authority having jurisdiction, as amended.

h. In accordance with Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall fill in this part of the table with "NO."

i. The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99%) value on the National Climatic Data Center data table "Air Freezing Index- USA Method (Base 32°)" at [www.ncdc.noaa.gov/fpsf.html](http://www.ncdc.noaa.gov/fpsf.html).

j. The jurisdiction shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)" at [www.ncdc.noaa.gov/fpsf.html](http://www.ncdc.noaa.gov/fpsf.html).

k. In accordance with Section R301.2.1.5, where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall indicate "NO" in this part of the table.

C. Section R305.1 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**R305.1 Minimum height.** Habitable rooms shall have a ceiling height of not less than 7 feet 6 inches (2286 mm). Hallways, kitchens, bathrooms, laundry rooms, and storage rooms shall have a ceiling height of not less than 7 feet (2134mm).

Exceptions:

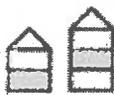
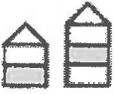
1. If any room in a building has a sloped ceiling, the prescribed ceiling height for the room is required in one-half of the area thereof. Any portion of the room measuring less than 5 feet (1524mm) from the finished floor to the ceiling shall not be included in any computation of the minimum floor area thereof.

2. Bathrooms shall have a minimum ceiling height of 6 feet 8 inches (2032mm) at the center of the front clearance area for fixtures in accordance with the Plumbing Code. A shower or tub equipped with a showerhead shall have a minimum ceiling height of 6 feet 8 inches (2032mm) above a minimum area 30 inches (762mm) by 30 inches (762mm) at the showerhead. The ceiling height above any fixture shall be such that the fixture is capable of being used for its intended purpose.

D. Section R403.1.3 is hereby amended, by the deletion of the exception permitting masonry stem walls without solid grout and vertical reinforcing in one- and two-family dwellings assigned to Seismic Design Categories D<sub>0</sub>, D<sub>1</sub> and D<sub>2</sub> which are three stories or less in height and constructed with stud bearing walls, isolated plain concrete footings, supporting columns or pedestals.

E. Table 602.10.3(3) is hereby amended, by the deletion of Table R602.10.3(3) and the addition of a new Table R602.10.3(3) thereto, to read as follows:

**TABLE R602.10.3(3)  
BRACING REQUIREMENTS BASED ON SEISMIC DESIGN CATEGORY**

| <ul style="list-style-type: none"> <li>• SOIL CLASS D<sup>a</sup></li> <li>• WALL HEIGHT = 10 FEET</li> <li>• 10 PSF FLOOR DEAD LOAD</li> <li>• 15 PSF ROOF/CEILING DEAD LOAD</li> <li>• BRACED WALL LINE SPACING ≤ 25 FEET</li> </ul> |   |                                | MINIMUM TOTAL LENGTH (FEET) OF BRACED WALL PANELS REQUIRED ALONG EACH BRACED WALL LINE <sup>b</sup> |                        |  |            |                      |
|--|---|--------------------------------|---|------------------------|--|------------|----------------------|
| Seismic Design Category  | Story Location  | Braced Wall Line Length (feet) | Method L1B <sup>c</sup>   | Method GB <sup>d</sup> | Methods DWB, SFB, PBS, PCP, HPS, CS-SFB <sup>e,f</sup> | Method WSP | Methods CS-WSP, CS-G |
| C<br>(townhouses only)   |    | 10                             | 2.5   | 2.5                    | 2.5  | 1.6        | 1.4                  |
|  |   | 20                             | 5.0   | 5.0                    | 5.0  | 3.2        | 2.7                  |
|  |   | 30                             | 7.5   | 7.5                    | 7.5  | 4.8        | 4.1                  |
|  |   | 40                             | 10.0  | 10.0                   | 10.0   | 6.4        | 5.4                  |
|  |   | 50                             | 12.5  | 12.5                   | 12.5   | 8.0        | 6.8                  |
|  |    | 10                             | NP  | 4.5                    | 4.5  | 3.0        | 2.6                  |
|  |   | 20                             | NP  | 9.0                    | 9.0  | 6.0        | 5.1                  |
|  |   | 30                             | NP  | 13.5                   | 13.5   | 9.0        | 7.7                  |
|  |   | 40                             | NP  | 18.0                   | 18.0   | 12.0       | 10.2                 |
|  |   | 50                             | NP  | 22.5                   | 22.5   | 15.0       | 12.8                 |
|  |    | 10                             | NP  | 6.0                    | 6.0  | 4.5        | 3.8                  |
|  |   | 20                             | NP  | 12.0                   | 12.0   | 9.0        | 7.7                  |
|  |   | 30                             | NP  | 18.0                   | 18.0   | 13.5       | 11.5                 |
|  |   | 40                             | NP  | 24.0                   | 24.0   | 18.0       | 15.3                 |
|  |   | 50                             | NP  | 30.0                   | 30.0   | 22.5       | 19.1                 |
| D <sub>0</sub>   |   | 10                             | NP  | <del>2.8</del> 5.6     | <del>2.8</del> 5.6                                     | 1.8        | 1.6                  |
|  |   | 20                             | NP  | <del>5.5</del> 11.0    | <del>5.5</del> 11.0                                    | 3.6        | 3.1                  |
|  |   | 30                             | NP  | <del>8.3</del> 16.6    | <del>8.3</del> 16.6                                    | 5.4        | 4.6                  |
|  |   | 40                             | NP  | <del>11.0</del> 22.0   | <del>11.0</del> 22.0                                   | 7.2        | 6.1                  |
|  |   | 50                             | NP  | <del>13.8</del> 27.6   | <del>13.8</del> 27.6                                   | 9.0        | 7.7                  |
|  |  | 10                             | NP  | <del>5.3</del> NP      | <del>5.3</del> NP                                      | 3.8        | 3.2                  |
|  |   | 20                             | NP  | <del>10.5</del> NP     | <del>10.5</del> NP                                     | 7.5        | 6.4                  |
|  |   | 30                             | NP  | <del>15.8</del> NP     | <del>15.8</del> NP                                     | 11.3       | 9.6                  |
|  |   | 40                             | NP  | <del>21.0</del> NP     | <del>21.0</del> NP                                     | 15.0       | 12.8                 |
|  |   | 50                             | NP  | <del>26.3</del> NP     | <del>26.3</del> NP                                     | 18.8       | 16.0                 |
|  |  | 10                             | NP  | <del>7.3</del> NP      | <del>7.3</del> NP                                      | 5.3        | 4.5                  |
|  |   | 20                             | NP  | <del>14.5</del> NP     | <del>14.5</del> NP                                     | 10.5       | 9.0                  |
|  |   | 30                             | NP  | <del>21.8</del> NP     | <del>21.8</del> NP                                     | 15.8       | 13.4                 |
|  |   | 40                             | NP  | <del>29.0</del> NP     | <del>29.0</del> NP                                     | 21.0       | 17.9                 |
|  |   | 50                             | NP  | <del>36.3</del> NP     | <del>36.3</del> NP                                     | 26.3       | 22.3                 |

*(continued)*

**TABLE R602.10.3(3)—continued  
BRACING REQUIREMENTS BASED ON SEISMIC DESIGN CATEGORY**

| <ul style="list-style-type: none"> <li>• SOIL CLASS D<sup>a</sup></li> <li>• WALL HEIGHT = 10 FEET</li> <li>• 10 PSF FLOOR DEAD LOAD</li> <li>• 15 PSF ROOF/CEILING DEAD LOAD</li> <li>• BRACED WALL LINE SPACING ≤ 25 FEET</li> </ul> |   |                                | MINIMUM TOTAL LENGTH (FEET) OF BRACED WALL PANELS REQUIRED ALONG EACH BRACED WALL LINE <sup>b</sup> |                        |  |            |                      |    |
|--|---|--------------------------------|---|------------------------|--|------------|----------------------|----|
| Seismic Design Category  | Story Location  | Braced Wall Line Length (feet) | Method LIB <sup>c</sup>   | Method GB <sup>d</sup> | Methods DWB, SFB, PBS, PCP, HPS, CS-SFB <sup>e</sup> | Method WSP | Methods CS-WSP, CS-G |    |
| D <sub>1</sub>   |    | 10                             | NP  | <del>3.0</del> 6.0     | <del>3.0</del> 6.0                                   | 2.0        | 1.7                  |    |
|  |   | 20                             | NP  | <del>6.0</del> 12.0    | <del>6.0</del> 12.0                                  | 4.0        | 3.4                  |    |
|  |   | 30                             | NP  | <del>9.0</del> 18.0    | <del>9.0</del> 18.0                                  | 6.0        | 5.1                  |    |
|  |   | 40                             | NP  | <del>12.0</del> 24.0   | <del>12.0</del> 24.0                                 | 8.0        | 6.8                  |    |
|  |   | 50                             | NP  | <del>15.0</del> 30.0   | <del>15.0</del> 30.0                                 | 10.0       | 8.5                  |    |
|  |    | 10                             | NP  | <del>6.0</del> NP      | <del>6.0</del> NP                                    | 4.5        | 3.8                  |    |
|  |   | 20                             | NP  | <del>12.0</del> NP     | <del>12.0</del> NP                                   | 9.0        | 7.7                  |    |
|  |   | 30                             | NP  | <del>18.0</del> NP     | <del>18.0</del> NP                                   | 13.5       | 11.5                 |    |
|  |   | 40                             | NP  | <del>24.0</del> NP     | <del>24.0</del> NP                                   | 18.0       | 15.3                 |    |
|  |   | 50                             | NP  | <del>30.0</del> NP     | <del>30.0</del> NP                                   | 22.5       | 19.1                 |    |
|  |    | 10                             | NP  | <del>8.5</del> NP      | <del>8.5</del> NP                                    | 6.0        | 5.1                  |    |
|  |   | 20                             | NP  | <del>17.0</del> NP     | <del>17.0</del> NP                                   | 12.0       | 10.2                 |    |
|  |   | 30                             | NP  | <del>25.5</del> NP     | <del>25.5</del> NP                                   | 18.0       | 15.3                 |    |
|  |   | 40                             | NP  | <del>34.0</del> NP     | <del>34.0</del> NP                                   | 24.0       | 20.4                 |    |
|  |   | 50                             | NP  | <del>42.5</del> NP     | <del>42.5</del> NP                                   | 30.0       | 25.5                 |    |
| D <sub>2</sub>   |   | 10                             | NP  | <del>4.0</del> 8.0     | <del>4.0</del> 8.0                                   | 2.5        | 2.1                  |    |
|  |   | 20                             | NP  | <del>8.0</del> 16.0    | <del>8.0</del> 16.0                                  | 5.0        | 4.3                  |    |
|  |   | 30                             | NP  | <del>12.0</del> 24.0   | <del>12.0</del> 24.0                                 | 7.5        | 6.4                  |    |
|  |   | 40                             | NP  | <del>16.0</del> 32.0   | <del>16.0</del> 32.0                                 | 10.0       | 8.5                  |    |
|  |   | 50                             | NP  | <del>20.0</del> 40.0   | <del>20.0</del> 40.0                                 | 12.5       | 10.6                 |    |
|  |  | 10                             | NP  | <del>7.5</del> NP      | <del>7.5</del> NP                                    | 5.5        | 4.7                  |    |
|  |   | 20                             | NP  | <del>15.0</del> NP     | <del>15.0</del> NP                                   | 11.0       | 9.4                  |    |
|  |   | 30                             | NP  | <del>22.5</del> NP     | <del>22.5</del> NP                                   | 16.5       | 14.0                 |    |
|  |   | 40                             | NP  | <del>30.0</del> NP     | <del>30.0</del> NP                                   | 22.0       | 18.7                 |    |
|  |   | 50                             | NP  | <del>37.5</del> NP     | <del>37.5</del> NP                                   | 27.5       | 23.4                 |    |
|  |  | 10                             | NP  | NP                     | NP   | NP         | NP                   | NP |
|  |   | 20                             | NP  | NP                     | NP   | NP         | NP                   | NP |
|  |   | 30                             | NP  | NP                     | NP   | NP         | NP                   | NP |
|  |   | 40                             | NP  | NP                     | NP   | NP         | NP                   | NP |
|  |   | 50                             | NP  | NP                     | NP   | NP         | NP                   | NP |
| Cripple wall below one- or two-story dwelling  | 10  | NP                             | NP  | NP                     | NP   | 7.5        | 6.4                  |    |
|  | 20  | NP                             | NP  | NP                     | NP   | 15.0       | 12.8                 |    |
|  | 30  | NP                             | NP  | NP                     | NP   | 22.5       | 19.1                 |    |
|  | 40  | NP                             | NP  | NP                     | NP   | 30.0       | 25.5                 |    |
|  | 50  | NP                             | NP  | NP                     | NP   | 37.5       | 31.9                 |    |

For SI: 1 inch = 25.4 mm, 1 foot = 305 mm, 1 pound per square foot = 0.0479 kPa.

- a. Linear interpolation shall be permitted.
- b. Wall bracing lengths are based on a soil site class "D." Interpolation of bracing length between the S<sub>w</sub> values associated with the Seismic Design Categories shall be permitted when a site-specific S<sub>w</sub> value is determined in accordance with Section 1613.3 of the *International Building Code*.
- c. Method LIB shall have gypsum board fastened to at least one side with nails or screws per Table R602.3(1) for exterior sheathing or Table R702.3.5 for interior gypsum board. Spacing of fasteners at panel edges shall not exceed 8 inches.
- d. Method CS-SFB applies in SDC C only.
- e. 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.

F. Section R902.1 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**R902.1 Roofing covering materials.** Roofs shall be covered with materials as set forth in Sections R904 and R905. A minimum Class A or B roofing shall be installed in areas designated by this section. Classes A and B roofing required by this section to be listed shall be tested in accordance with UL 790 or ASTM E 108.

Exceptions:

1. Class A roof assemblies include those with coverings of brick, masonry and exposed concrete roof deck.
2. Class A roof assemblies also include ferrous or copper shingles or sheets, metal sheets and shingles, clay or concrete roof tile, or slate installed on noncombustible decks.

G. Section R902.1.3 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**R902.1.3 Roof coverings within all other areas.** The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure, and any roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least Class B.

H. Section R902.1.5 is hereby added to Chapter 9 to read as follows:

**R902.1.5 Fire retardant roof covering required for multiple dwellings.**

1. Declaration of purposes and intent. The purpose of this subsection is to require the use of fire-retardant roof coverings in all new construction of multiple family dwellings, apartment houses or condominium projects; and to require fire-retardant roof coverings to be installed wherever existing multiple family dwellings, apartment houses or condominium projects are reconstructed and the value of said reconstruction or rehabilitation work exceeds 50 percent of the valuation of the building; and to set the minimum standards for such fire-retardant roof coverings. This section is necessary to alleviate the danger of conflagration existing where structures with highly flammable roof coverings are located in close proximity to one another. This danger is especially grave where there is a high density of persons residing in those structures.

2. Multiple dwellings and condominium redevelopments fire-retardant roof covering.

- 2.1 All multiple dwellings, apartment houses, or condominium projects, hereafter erected, constructed or moved within or onto any property in the City zones for such uses shall be covered with a fire retardant roof covering that is at least Class A.

- 2.2 Whenever an existing multiple family dwelling, apartment house or condominium project is reconstructed or rehabilitated and the cost of such reconstruction or rehabilitation work exceeds fifty (50%) percent of the valuation of the building, then a fire retardant roof covering that is at least Class A shall be constructed on the multiple family dwelling, apartment house or condominium project.
- 2.3 Fire-retardant roof coverings shall be constructed in accordance with Chapter 9 of the Residential Code.

I. Section R902.2 is hereby amended, by the deletion of the first sentence in its entirety and the addition of a new first sentence, to read as follows:

**R902.2 Fire-retardant-treated shingles and shakes.** Fire-retardant-treated wood shakes and shingles are wood shakes and shingles complying with UBC Standard 15-3 or 15-4 which are impregnated by the full-cell vacuum-pressure process with fire-retardant chemicals, and which have been qualified by UBC Standard 15-2 for use on Class A or B roofs.

**15.06.050 [Reserved]**

**15.08.020 Fire Code adopted.**

Except as hereinafter provided, the California Fire Code, 2013 Edition, based on the 2012 International Fire Code as published by the International Code Council, including Appendices B through J thereto, is adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Fire Code of the City. A copy of the 2013 California Fire Code has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

**15.08.030 Amendments.** Notwithstanding the provisions of Section 15.08.020, the Fire Code is hereby amended as follows:

A. Section 101.1 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**101.1 Title.**

These regulations shall be known as the Fire Code of the City of Norwalk, hereinafter referred to as "this code."

B. Section 101.2.2 is hereby added to Part 1 of Division II of Chapter 1 as follows:

**101.2.2. Fire protection and fire hydrant standards**

The requirements of this code relating to fire hydrant systems, water supply, fire equipment access, posting of fire equipment access, parking, lot identification, weed abatement, and combustible brush and vegetation on a common area that represents an imminent fire hazard, debris abatement, combustible storage abatement including flammable liquid storage, hazardous material storage and

use, open flame and open burning, and burglar bars, shall apply at State regulated mobile home and special occupancy parks within the jurisdiction of the City of Norwalk as per California Health and Safety Code Sections 18691 and 18873.5.

C. Section 101.3 is hereby amended, by the addition of the following paragraphs to the end of the section, to read as follows:

Consistent with this purpose, the provisions of this code are intended, and have always been intended, to confer a benefit on the community as a whole and are not intended to establish a duty of care toward any particular person.

This code shall not be construed to hold the city or county, or any fire protection district, or any officer, employee or agent thereof responsible for any damage to persons or property by reason of any inspection authorized herein or by reason of the issuance or non-issuance of any permit authorized herein, and/or for any action or omission in connection with the application and/or enforcement of this code. By adopting the provisions of this code, the city or county, or any fire protection district, does not intend to impose on itself, its employees or agents any mandatory duties of care toward persons and property within its jurisdiction so as to provide a basis of civil liability for damages.

This section is declaratory of existing law and is not to be construed as suggesting that such was not the purpose and intent of previous code adoptions.

D. Section 3308.1 is hereby amended by the addition of the following language to the end of the section, read as follows:

Nothing in this code shall prohibit the possession or sale of "safe and sane fireworks," so classified by the State Fire Marshal, provided that the person or persons possessing or selling the same shall do so in strict compliance with a valid and unrevoked permit allowing the same, issued by the City pursuant to Chapter 5.36 of the Norwalk Municipal Code, regulating the possession, sale and use of such fireworks, nor shall anything in this code prohibit the possession, discharge, firing, setting off, or use of such "safe and sane fireworks" nor the causing or permitting of the same in a manner allowed by Chapter 5.36 of the Norwalk Municipal Code, regulating the possession, sale and use of fireworks.

**15.12.020 Plumbing Code adopted.**

Except as hereinafter provided, the California Plumbing Code, 2013 Edition, based on the 2012 Uniform Plumbing Code as published by the International Association of Plumbing and Mechanical Officials, including the appendices thereto, 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 the 2013 California Plumbing Code has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

#### **15.12.040 Amendments.**

Notwithstanding the provisions of Subsection 15.12.020, the California Plumbing Code is hereby amended as follows:

- A. Division II (Scope and Application) of Chapter 1 is hereby deleted.
- B. Appendix Chapter M is hereby added to the California Plumbing Code to read as follows:

#### **Appendix M Swimming Pool Discharge**

**M 1.0 Approval required.** Swimming pool wastewater shall be disposed of as herein after set forth in this section and the type of disposal provided shall be approved by the administrative authority prior to the commencement of any work. A means of disposal of the total contents of the pool (periodic emptying) without surface runoff shall be established to the satisfaction of the administrative authority.

**M 2.0 Disposal.** The following are legal methods of swimming pool waste water disposal:

- (1) To a public sewer.
- (2) On the property if the property is large enough to ensure that runoff will not encroach on abutting property or onto the storm water system.
- (3) In the case where connection to the public sewer is not available within 200 feet (60960 mm) from the property, alternate disposal acceptable to the State Regional Water Quality Control Board (SRWQCB) may be used. Prior to discharge the swimming pool must be tested by the owner to insure that it is within all water quality standards established by the SRWCQB. Contact Los Angeles County Department of Public Works, Environmental Programs Division for information.

**M 3.0 Connections.** No direct connection shall be made between any storm drain, sewer, drainage system, drywell or subsoil irrigation line and any line connected to a swimming pool.

**M 4.0 Trap.** Wastewater from any filter, scum gutter overflow, pool emptying line or similar apparatus of appurtenance when discharging to any part of a drainage system, shall be provided with a 3 inch (76 mm) trap.

**M 5.0 Air gap.** Except as provided in paragraph M 6.0, the discharge outlet terminal from any pool or filter shall be protected from backflow by an air gap at least six (6) inches above the flood rim of the receptor.

**M 6.0 Clearance.** No scum gutter drain, overflow drain, backwash discharge drain, or pool emptying line shall enter any receptor below the rim unless the pool piping at its deepest point, the bottom of the filters, and bottom of the scum gutter drain trough or overflow inlets are at least 6 inches (152 mm) above the overflow rim of the receptor.

**M 7.0 Water supply.** A positive point of potable water supply to each swimming pool shall be established and shall be installed as required by Chapter 6 of this code.

**M 8.0 Health department approval.** Plans for other than private swimming pools shall be approved by the health officer before any water supply or waste discharge permit is issued.

**15.16.020 Electrical Code adopted.**

Except as hereinafter provided, the California Electrical Code, 2013 Edition, based on the 2011 National Electrical Code as published by the National Fire Protection Association is hereby adopted by reference and is incorporated herein as though fully set forth herein and shall constitute the Electrical Code of the City. A copy of the California Electrical Code, 2013 Edition, has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

**15.16.050 Amendments.**

Notwithstanding the provisions of Subsection 15.16.020, the Electrical Code is hereby amended as follows:

- A. Sections 89.108.4 through 89.108.10 are hereby deleted.
- B. Section 310.10 is hereby amended, by the addition of a second paragraph, to read as follows:

"Copper wire shall be used for wiring No. 6 and smaller in all installations. Consideration for use of aluminum wiring can be made by the Building Official for feeder lines only on an individual basis where adequate safety measures can be ensured."

- C. Section 310.16 is hereby added to Article 310, to read as follows:

**"310.16 Continuous Inspection of Aluminum Wiring.**

Aluminum conductors of No. six (6) or smaller used for branch circuits shall require continuous inspection by an independent testing agency approved by the building official for proper torque of connections at their termination point."

**CHAPTER 15.24**

**MECHANICAL CODE**

- 15.24.010 Title.**
- 15.24.020 Mechanical Code adopted.**
- 15.24.030 Definitions.**
- 15.24.040 Amendments.**
- 15.24.050 Fees.**
- 15.24.060 Violations and penalties**

**15.24.010 Title.**

This chapter shall be known as the Mechanical Code of the City of Norwalk and shall be cited as the Mechanical Code.

**15.24.020 Mechanical Code adopted.**

Except as hereinafter provided, California Mechanical Code, 2013 Edition, based on the 2012 Uniform Mechanical Code as published by the International Association of Plumbing and Mechanical Officials, including the appendices thereto, 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 the 2013 California Mechanical Code has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

**15.24.030 Definitions.**

Notwithstanding the provisions of Section 15.24.020, whenever any of the following names or terms is used in the Mechanical Code, each such name or term shall be deemed to have the meaning ascribed to it in this subsection, as follows:

*“Board of Appeals”* or *“Board of Examiners of Plumbers”* means the Property Maintenance and Building Rehabilitation Appeals Board established by Section 15.32.120 of the Administrative Code.

*“Building Code”* or *“International Building Code”* means the Building Code of the City of Norwalk.

*“Building Department”* means the Building Division of the City of Norwalk.

*“Building Official”* or *“Chief Mechanical Inspector”* means the Building Official of the City of Norwalk.

*“City”* means the City of Norwalk.

*“Electrical Code”* means the Electrical Code of the City of Norwalk.

*“Fire Code”* or *“Los Angeles County Fire Code”* means the Fire Code of the City of Norwalk.

*“Health Code”* means the Los Angeles County Health Code.

*“Plumbing Code”* means the Plumbing Code of the City of Norwalk.

**15.24.040 Amendments.**

Notwithstanding the provisions of Subsection 15.24.020, the Mechanical Code is hereby amended by deleting Division II (Scope and Application) of Chapter 1.

**15.24.050 Fees.**

Notwithstanding the provisions of Section 15.24.020, all fees pursuant to the Mechanical Code shall be established by resolution of the City Council.

**15.24.060 Violations and penalties.**

It shall be unlawful for any person, firm, or corporation to erect, install, alter, repair, relocate, add to, replace, use or maintain heating, ventilating, comfort cooling, or refrigeration equipment in the jurisdiction, or cause the same to be done, contrary to or in violation of any of the provisions of the Mechanical Code. Maintenance of equipment which was unlawful at the time it was installed and which would be unlawful under said Mechanical Code shall constitute a continuing violation of said Mechanical Code.

Notwithstanding the provisions of Section 15.04.020, violations and penalties shall be as specified in Section 15.32.130 of Administrative Code.

**15.28.020 Existing Building Code adopted.**

Except as hereinafter provided, Appendix A-1 of the California Existing Building Code, 2013 Edition, as published by the International Code Council shall become the Existing Building Code of the City for regulating existing buildings in the City. A copy of the 2013 California Existing Building Code has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

**15.28.050 Amendments.**

All Sections of the Existing Building Code are deleted except Appendix A-1, which is hereby adopted without amendments.

**15.30.020 Green Building Standards Code adopted.**

Except as hereinafter provided, the California Green Building Standards Code, 2013 Edition, as published by the International Code Council, is hereby adopted by reference and incorporated herein as though fully set forth herein and shall constitute the Green Building Standards Code of the City. A copy of the 2013 California Green Building Standards Code has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

**15.30.050 Amendments.**

A. Section 202 is hereby amended, by the addition of the following definition, to read as follows:

**Sustainability.** Consideration of present development and construction impacts on the community, the economy, and the environment without compromising the needs of the future.

B. Section 4.304.1 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**4.304.1 Irrigation controllers.** Automatic irrigation system controllers for landscaping provided and installed at the time of final inspection and shall comply with the following:

1. Controllers shall be weather- or soil moisture-based irrigation controllers that automatically adjust irrigation in response to changes in plants' needs as weather conditions change.

2. Weather-based controllers without integral rain sensors or communication systems that account for local rainfall shall have a separate wired or wireless rain sensor which connects or communicates with the controller(s). Soil moisture-based controllers are not required to have rain sensor input.

**15.32.010.4 Referenced codes.**

Codes listed in Sections 15.32.010.4.1 through 15.32.010.4.8 and referenced elsewhere in the codes shall be considered part of the requirements of the codes to the prescribed extent of each such reference.

**15.32.010.4.1 Building Code.**

The provisions of the California Building Code shall apply to all buildings and structures other than those meeting the scoping limitations contained in the California Residential Code.

**15.32.010.4.2 Residential Code.**

The provisions of the California Residential Code shall apply to detached one and two family dwellings and multiple single-family dwellings (townhomes) not more than three (3) stories above grade plane in height with a separate means of egress and their accessory structures.

**15.32.010.4.3 Fire prevention.**

The provisions of the California Fire Code shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

**15.32.010.4.4 Plumbing Code.**

The provisions of the California Plumbing Code shall apply to the installation, alteration, repair, and replacement of plumbing and gas delivery systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of the California Plumbing Code shall apply to private sewage disposal systems.

#### **15.32.010.4.5 Electrical Code.**

The provisions of the California Electrical Code shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

#### **15.32.010.4.6 Mechanical Code.**

The provisions of the California Mechanical Code shall apply to the installation, alterations, repairs and replacement of residential and commercial mechanical and gas systems, including equipment, appliances, fixtures, fittings and appurtenances thereto, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators and other energy-related systems. Where there is a conflict between the California Mechanical and Plumbing Codes, as related to chapters for gas or fuel, the provisions provided in the Plumbing Code shall prevail.

#### **15.32.010.4.7 Energy Code.**

The provisions of the California Energy Code shall apply to all matters governing the design and construction of buildings for energy efficiency.

#### **15.32.010.4.8 Green Building Standards Code.**

The mandatory provisions of the California Green Building Standards Code as shall apply to all new buildings and structures.

#### **15.32.050.1 Work exempt from permit.**

Exemptions from permit requirements of this Code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this Code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

- A. Building.
  1. One-story detached accessory structures to an R-3 occupancy less than ten (10) feet in height, used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed one hundred twenty (120) square feet (11m').
  2. Wood, chain link or tubular steel fences not over seven (7) feet (2133 mm) high or masonry walls not over six (6) feet (1829 mm) high
  3. Oil derricks.
  4. Retaining walls that are not over four (4) feet (1,219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III A liquids, or within thirty (30) inches from a property line.
  5. Water tanks supported directly on grade if the capacity does not exceed five thousand (5,000) gallons (18,925 L) and the ratio of height to diameter or width does not exceed 1.5:1.
  6. Sidewalks and driveways not more than thirty (30) inches (762 mm) above adjacent grade, and not over any basement or story below, or within thirty (30) inches from a property line, and are not part of an accessible route.
  7. Painting, papering, carpeting, tiling that is not part of a tub or shower enclosure, counters and similar finish work.

8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than thirty-six (36) inches (610 mm) deep, do not exceed five thousand (5,000) gallons (18,925 L) and are installed entirely above ground.
10. Swings and other playground equipment accessory to detached one-and two-family dwellings.
11. Window awnings supported by an exterior wall that do not project more than fifty-four (54) inches (1,372 mm) from the exterior wall and do not require additional support on Group R-3 and U occupancies.
12. Non-fixed and movable fixtures, cases, racks, counters and partitions not over five (5) feet, nine (9) inches (1,753 mm) in height.
13. Other incidental structures or improvements of a minor nature may be exempt from the permit provisions of this Code upon the determination of the Building Official.

**B. Electrical.**

1. Repairs and maintenance: Minor repair work, including the replacement of lamps, switches, receptacle devices, sockets, or the connection of approved portable electrical equipment to approved permanently installed receptacles.
2. Radio and television transmitting stations: The provisions of this Code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
3. Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
4. The wiring for temporary theater, motion picture or television stage sets.
5. The repair of fixed motors, transformers, apparatus, or appliances.
6. Temporary Christmas or other holiday decorative lighting installed for less than ninety (90) days.
7. Private telephone, intercom, sound and communication systems, provided, however, that a permit shall be obtained for the power supplies required by the above systems.

**C. Gas.**

1. Portable heating appliances.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

**D. Mechanical.**

1. Portable heating, ventilation, cooling or evaporative cooler equipment.
2. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this Code.
3. Replacement of any part that does not alter its approval or make it unsafe.

**E. Plumbing.**

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with the new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this Code.

2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

**15.32.130.3.1 Notice.**

The written notice given pursuant to this section shall indicate:

1. The nature of the violation(s); and
2. That if the violation is not remedied to the satisfaction of the Building Official within 45 days the Building Official may, at any time thereafter, record with the county recorder's office a notice that the property and/or any building or structure located thereon is in violation of this Code.

The notice provided for in this section shall be mailed to the owner of the property as indicated on the last equalized county assessment roll, served by personal service upon the owner of record or by posted on the property. The mailed notice may be by registered, certified or first class mail. It shall be deemed a reasonable effort has been made to serve such notice when letters have been mailed to the address of the interested party as shown on the official record. The 45-day period for achieving compliance with this Code shall run from the date the property is posted or personally served or from the date of the mailing of the notice, whichever is later.

**15.32.160.3 Definition of a Substandard Building**

A. Any building or structure or portion thereof, or the premises on which the same is located, in which there exists any of the conditions listed in Section 15.32.160.4 to an extent that endangers the life, limb, health, property, safety or welfare of the public or occupants thereof, shall be deemed and hereby is declared to be a substandard building.

B. Any unfinished building or structure or portions thereof, that are partially constructed or destroyed or allowed to remain in a state of partial construction or destruction for an unreasonable period of time or that has been in the course of construction an unreasonable time, and where the appearance and other conditions of said unfinished building or structure are such that the unfinished structure substantially detracts from the appearance of the immediate neighborhood or reduces the value of property in the immediate neighborhood, or is otherwise a nuisance, shall be deemed and hereby is declared to be a substandard building. As used herein, an "unreasonable" period shall mean either "any portion of time exceeding the period given to a responsible person by the City for the complete abatement of this nuisance condition with all required City approvals, permits and inspections", or "more than two (2) years, except where required inspections as identified in Section 15.32.090.3 are performed under the authority of a valid permit and work is consistently approved within ninety (90) days of each previous approval." Factors that may be used by the City to

establish a reasonable period for the complete abatement of this nuisance include, but are not limited to, the following:

1. The degree of partial construction or destruction and the cause therefore.
2. Whether or not this condition constitutes an attractive nuisance or if it otherwise poses or promotes a health or safety hazard to occupants of the premises, or to others.
3. The degree of visibility, if any, of this condition from public or adjoining private real property.
4. The scope and type of work that is needed to abate this nuisance.
5. The promptness with which a responsible person has applied for and obtained all required City approvals and permits in order to lawfully commence the nuisance abatement actions.
6. Whether or not a responsible person has complied with other required technical code requirements, including requesting and passing required inspections in a timely manner, while completing nuisance abatement actions.
7. Whether or not a responsible person has applied for extensions to a technical code permit or renewed an expired permit, as well as the number of extensions and renewals that a responsible person has previously sought or obtained from the City.
8. Whether or not a responsible person has made substantial progress, as determined by the City, in performing nuisance abatement actions under a technical code permit that has expired, or is about to expire.
9. Whether delays in completing nuisance abatement actions under a technical code permit have occurred and the reason(s) for such delays.

#### **15.32.160.23 Board order-substandard building**

A. When the Property Maintenance and Building Rehabilitation Appeals Board finds that (1) a declaration of substandard building and/or property should be filed with the Department of Registrar-Recorder, or if filed should not be rescinded, (2) an order to vacate should be upheld, (3) a demolition order should be upheld, or (4) the City should take action to abate the public nuisance by use of City personnel or contract agents, it is hereby declared that the building and/or property is a public nuisance and, based on its findings, the Board shall order the abatement of this nuisance by barricading, demolition, repair or rehabilitation of the substandard building and or portion thereof or at the option of the party concerned, by the demolition or demolishment thereof. The order also may require that the substandard building be vacated.

If the order is for the abatement of the public nuisance by City personnel or contract agents the order shall state a reasonable time within which the work shall be completed by the party concerned which shall not be less than ten (10) days after the service of this order. The Board, for good cause, may extend the time for completion in writing.

B. The Building Official, after determining that conditions warrant reconsideration may bring any matter before the Board for rehearing. At such a rehearing, the Board will consider all evidence submitted and after such reconsideration

may find that further postponement is unwarranted and so order, or may find that a new order for abatement and/or postponement of City action is warranted and order any abatement work considered necessary to be performed by a specified date, after which date the Building Official shall cause such work to be performed or completed without further notice.

## **Chapter 15.36 HOUSE NUMBERING**

- 15.36.010 Assignment of address numbers.**
- 15.36.020 Location and specifications for number signs.**
- 15.36.030 Numbers assigned only by Building Official.**
- 15.36.040 Use of official number.**
- 15.36.050 Owners to obtain official numbers.**
- 15.36.060 Notice by Building Official—Time allowed for compliance.**
- 15.36.070 Violations.**

### **15.36.010 Assignment of address numbers.**

The Building Official of the City shall be charged with the duty of assigning, and shall assign, to the various houses, buildings and structures within the City, official numbers and street addresses in the City, which numbers shall be coordinated with the official street numbering system of the County of Los Angeles. Such numbers shall be assigned upon request of the property owner or authorized agent, and no charge shall be made for such assignment. Whenever a change or an extension of any street shall necessitate a change in the number of buildings, the Building Official shall designate the proper number. All street addresses shall be with reference to public streets unless, in the opinion of the Director of Community Development, there is no public street reasonably available for the purpose.

### **15.36.020 Location and specifications for number signs.**

The assigned number of a building shall be placed in the immediate area of the main door or entrance to the building. If the number is not visible from the street frontage, a separate street posting of the number shall be made. Each figure of the number shall be at least four (4) inches in height, excepting fractional figures which may be no less than one-third of such size. Numbers shall contrast to the background on which they are located and the visibility of said numbers shall not be impaired with shrubbery or other obstructions.

### **15.36.030 Numbers assigned only by Building Official.**

It shall be unlawful for any person, other than the Building Official to assign to, or designate for, any house, building or structure within the City, any official number or street address which purports to be an official number or street address.

### **15.36.040 Use of official number.**

It shall be unlawful for any person to place, fix, display or exhibit in or upon any house, building or structure, or portion thereof, within the City, as the official number of such house, building or structure, or as a number which purports to be the official

number thereof, any number other than the official number of such house, building or structure assigned thereto by the Building Official.

**15.36.050 Owners to obtain official numbers.**

All houses, buildings and structures within the City, other than accessory buildings, shall be numbered with the number or numbers assigned thereto by the Building Official as hereinabove contemplated, and it shall be unlawful for the owner, occupant or person in charge or control of any such house, building or structure required to have a number under the provisions of this section to fail or refuse to obtain and properly display upon any such house, building or structure the official number or numbers thereof, as hereinabove provided for.

**15.36.060 Notice by Building Official—Time allowed for compliance.**

It shall be the duty of the Building Official, or his or her designee, to notify all owners of property or persons in possession of property for which the official numbers have been established, as provided in this Section, and the owners or persons in possession of property shall within ten (10) days after the notice has been served on them, place the number or numbers allotted to said property upon said premises as required by Section 15.36.010; and all numbers other than the numbers so assigned under the provisions of this section shall be removed from the property by the owners or persons in possession of the property within ten (10) days from the service of the notice designating the appropriate numbers to be placed thereon.

**15.36.070 Violations.**

Notwithstanding the provisions of Section 15.04.020, violations shall be subject to the penalties specified in Section 15.32.130 of the Administrative Code.”

**BUILDING STANDARDS COMMISSION**

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



October 31, 2014

Anthony Weimholt  
Building Official  
City of Norwalk  
12700 Norwalk Blvd.  
Norwalk, CA 90651

RE: Ordinance # 14-1661

Dear Mr. Weimholt:

This letter is to advise you of our determination regarding the referenced ordinance **with** express findings received from your agency on October 28, 2014.

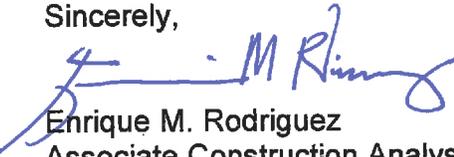
Our review finds the submittal to contain one ordinance modifying provisions of the 2013 California Building Standards Code in Title 24, California Code of Regulations (code), and express findings complying with Health and Safety Code §§17958.7 and 18941.5. The code modification is accepted for filing and is enforceable. This letter attests only to the satisfaction of the cited law for filing of local code amendment supported by an express finding with the Commission. The Commission is not authorized by law to evaluate the merit of the code modification or the express finding.

Local modifications to the code 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.

On a related matter, should your city receive and ratify Fire Protection District ordinances making modifications to the code, be advised that Health and Safety Code §13869.7(c) requires such ratified ordinances and express findings to be filed with the Department of Housing and Community Development, Division of Codes and Standards, State Housing Law Program, rather than this Commission. Also, ordinances making modifications to the energy efficiency standards of the code may require approval from the California Energy Commission pursuant to Public Resources Code §25402.1(h)(2).

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

Sincerely,

  
Enrique M. Rodriguez  
Associate Construction Analyst

cc: Chron  
Local Filings

MARCEL RODARTE  
Mayor  
LEONARD SHRYOCK  
Vice Mayor  
CHERI KELLEY  
Councilmember  
MICHAEL MENDEZ  
Councilmember  
LUIGI VERNOLA  
Councilmember  
MICHAEL J. EGAN  
City Manager



12700 NORWALK BLVD., P.O. BOX 1030, NORWALK, CA 90651-1030 \* PHONE: 562/929-5700 \* FACSIMILE: 562/929-5773 \* WWW.NORWALKCA.GOV

October 23, 2014

California Building Standards Commission  
2525 Natomas Park Dr., Suite 130  
Sacramento, California 95833-2936

RE: City of Norwalk, Fire Code Adoption Ordinance

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Mr. Jim McGowan:

On October 7, 2014, City Council of the City of Norwalk adopted amendments to the 2013 California Fire Code.

The recommended changes and modifications to the Codes are consistent with the Los Angeles County Fire Protection District Code adoption (2014 LA County Fire Code) and the Norwalk City Council has determined that certain said changes and modifications to the 2013 Edition of the California Fire Code are reasonably necessary due to local conditions in the City of Norwalk and the Los Angeles County regional area 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 Norwalk.

The enclosed City Ordinance and Resolution is for your files.

If additional information is desired please telephone this office at (562) 929-5733.

Sincerely,

Anthony Weimholt  
Building Official

ORDINANCE NO. 14-1661

AN ORDINANCE OF THE CITY OF NORWALK ADOPTING BY REFERENCE AND AMENDING, TITLE 32 OF THE LOS ANGELES COUNTY CODE (THE 2014 FIRE CODE) INCORPORATING THE 2013 CALIFORNIA FIRE CODE; AND AMENDING THE NORWALK MUNICIPAL CODE.

THE CITY COUNCIL OF THE CITY OF NORWALK HEREBY ORDAINS AS FOLLOWS:

**Section 1.** Chapter 15.08 of the Norwalk Municipal Code is hereby repealed, provided, however, that such repeal shall not affect or excuse any violation thereof occurring prior to the effective date of this Ordinance. A new Chapter 15.08 is hereby added to the Norwalk Municipal Code to read as follows:

**"Chapter 15.08**

**FIRE CODE**

**Sections:**

- 15.08.010 Title.**
- 15.08.020 Fire Code adopted.**
- 15.08.030 Amendments.**
- 15.08.040 Fireworks.**
- 15.08.050 Previously issued permits.**
- 15.08.060 Violations and penalties.**

**15.08.010 Title.** This Chapter shall be known as the Fire Code of the City and shall be cited as the Fire Code.

**15.08.020 Fire Code adopted.** Except as hereinafter provided, Title 32, Fire Code of the Los Angeles County Code as adopted by the Los Angeles County Board of Supervisors and in effect on April 24, 2014, adopting and amending the California Fire Code, 2013 Edition, including Appendices as specified in section 101.2.1 of the Los Angeles County Fire Code, is hereby adopted by reference and shall constitute and may be cited as the Fire Code of the City of Norwalk.

A copy of Title 32 of the Los Angeles County Fire Code, along with a copy of the California Fire Code, 2013 edition, has been deposited in the office of the Building Official and shall be, at all times, maintained by the Building Official for use and examination by the public.

**15.08.030 Amendments.** Notwithstanding the provisions of Subsection 15.08.020, the Fire Code is hereby amended as follows:

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STANDARDS COMMISSION

Section 101.3 of the Fire Code is hereby amended by revising the second paragraph to read as follows:

'This code shall not be construed to hold the City or county, or any fire protection district, or any officer, employee or agent thereof responsible for any damage to persons or property by reason of any inspection authorized herein or by reason of the issuance or non-issuance of any permit authorized herein, and/or for any action or omission in connection with the application and/or enforcement of this code. By adopting the provisions of this code, the City or county, or any fire protection district, does not intend to impose on itself, its employees or agents any mandatory duties of care toward persons and property within its jurisdiction so as to provide a basis of civil liability for damages. This section is declaratory of existing law and is not to be construed as suggesting that such was not the purpose and intent of previous code adoptions.'

**15.08.040 Fireworks.** Notwithstanding any provision in Title 32 of the Los Angeles County Code to the contrary, the use, display and sale of 'safe and sane' fireworks shall be governed by the provisions of Chapter 5.36 of the Norwalk Municipal Code.

**15.08.050 Previously issued permits.** Any permit heretofore issued by the City or County pursuant to the Fire Code of the City for work within the territorial limits of the City shall remain in full force and effect according to its terms.

**15.08.060 Violations and penalties.** Persons who shall violate a provision of the Fire Code or shall fail to comply with any of the requirements thereof, or who shall erect, install, alter, repair, or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a misdemeanor unless such violation is declared to be an infraction by Chapter 82 of this Fire Code, punishable by a fine of not more than \$1,000 or by imprisonment not exceeding six months, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. For the purposes of this section, a forfeiture of bail shall be equivalent to a conviction."

**Section 2.** All inconsistencies between building standards set forth in the Fire Code as adopted by this Ordinance and Part 9 of Title 24 of the California Code of Regulations are changes, modifications, amendments, additions or deletions thereto authorized by California Health and Safety Code Sections 17958.5 and 17958.7

**Section 3.** The changes and modifications to the California Fire Code that have been enacted by this Ordinance are merely a continuation of similar changes and modifications made to earlier editions of such uniform codes, and all of such changes and modifications, whether previously enacted or enacted in this Ordinance, are reasonably necessary because of local climate, characterized by hot, dry summers,

followed by strong Santa Ana winds and heavy winter rains, the location in Southern California and the relatively flat terrain of the City subject to geologic instability.

**Section 4.** To the extent the provisions of this Ordinance are substantially the same as previous provisions of the Norwalk Municipal Code, these provisions shall be construed as continuations of those provisions and not as new enactments. Nothing in this Ordinance, nor the adoption of this Ordinance, shall excuse any violation of Title 15 of the Norwalk Municipal Code, occurring prior to the effective date hereof.

**Section 5.** This Ordinance shall be effective 30 days from the date of adoption.

**Section 6.** If any section, clause or phrase of this Ordinance is for any reason held to be unconstitutional, or otherwise invalid, such decision shall not affect the validity of the remaining sections of this Ordinance. The City Council hereby declares that it would have passed this Ordinance and each section, subsection, sentence, clause and phrase thereof irrespective of the fact that any one or more sections, subsections, sentences, clauses or phrases may be declared unconstitutional.

**Section 7.** The City Clerk shall certify to the passage of this Ordinance and shall cause this Ordinance to be published or posted as required by law.

**PASSED, APPROVED AND ADOPTED this 7<sup>th</sup> day of October 2014.**

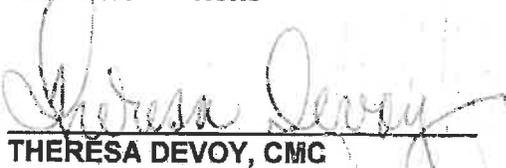


**MARCEL RODARTE  
MAYOR**

**ATTEST:**

I, **Theresa Devoy**, City Clerk of the City of Norwalk, **DO HEREBY CERTIFY** that the foregoing Ordinance was introduced at a regular meeting of the City Council held September 16, 2014 and adopted as **Ordinance No. 14-1661** of the City of Norwalk at a regular meeting of the City Council held on October 7, 2014 and said Ordinance has been duly signed by the Mayor and attested by the City Clerk and that the same was approved and adopted by the following vote to wit:

**AYES:** Councilmembers Kelley, Mendez, and Vernola, Vice Mayor Shryock and Mayor Rodarte  
**NOES:** None  
**ABSENT:** None



**THERESA DEVOY, CMC  
CITY CLERK**

**Ordinance No. 14-1661**

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**RESOLUTION NO. 14-69**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NORWALK MAKING EXPRESS FINDINGS AND DETERMINATIONS THAT MODIFICATIONS TO THE 2013 CALIFORNIA FIRE CODE, AS ADOPTED BY ORDINANCE NO. 14-1661, ARE REASONABLY NECESSARY BECAUSE OF LOCAL CLIMATIC, GEOLOGICAL AND/OR TOPOGRAPHICAL CONDITIONS**

**WHEREAS**, certain building standards and other related model codes are adopted by the State of California in the California Building Standards Code, 2013 Edition, including the California Fire Code, and become applicable in the City unless amended by the City; and

**WHEREAS**, in Title 32 of the Los Angeles County Code, the County of Los Angeles adopted the California Fire Code, 2013 Edition, by reference as the 2014 Los Angeles County Fire Code, and amended the same as authorized by Health and Safety Code Section 17958.5, based on certain local conditions; and

**WHEREAS**, the City of Norwalk has heretofore adopted by reference the 2014 Los Angeles County Fire Code, as amended and set forth in Title 32 of the Los Angeles County Code; and

**WHEREAS**, the City of Norwalk has determined that the modifications to building standards contained in the California Fire Code, 2013 Edition, made by the County and adopted by the City of Norwalk, are reasonably necessary due to local conditions, as more particularly described herein; and

**WHEREAS**, Health and Safety Code Section 17958.7 requires the City Council to make express findings of the necessity for modifications to the building standards contained in the California Fire Code, 2013 Edition.

**NOW, THEREFORE**, the City Council of the City of Norwalk hereby resolves and expressly finds as follows:

**Section 1.** The amendments and modifications to building standards contained in the 2013 California Fire Code, as set forth in Title 32 of the Los Angeles County Code and adopted by the City, are reasonably necessary due to the local climatic, geological or topographical conditions referenced with respect to each amended section of said Code, as the same are set forth in Exhibit "1" attached hereto and incorporated by reference herein.

**Section 2.** The City Clerk is directed to send a copy of Ordinance No. 14-1661 and this Resolution to the California Department of Housing and Community Development, Division of Codes and Standards, a copy to the California Building

Standards Commission, and a copy to the Consolidated Fire Protection District of Los Angeles County, Attn: Chief Phil Cocker, Fire Marshall.

**Section 3.** If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this Resolution is for any reason held to be invalid, such invalidity shall not affect the validity of the remaining portions of this Resolution. The City Council of the City of Norwalk 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, causes or phrases be declared invalid.

**Section 4.** The City Clerk shall certify to the adoption of this Resolution.

**APPROVED, AND ADOPTED, this 7<sup>th</sup> day of October 2014.**

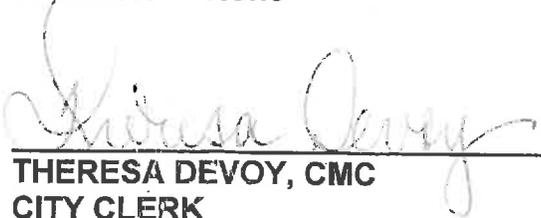


**MARCEL RODARTE  
MAYOR**

**ATTEST:**

I, **Theresa Devoy**, City Clerk of the City of Norwalk, California **DO HEREBY CERTIFY** that the foregoing Resolution, being **Resolution No. 14-69** has been duly signed by the Mayor and attested by the City Clerk, all at a regular meeting of the Norwalk City Council, held October 7, 2014, and that the same was approved and adopted by the following vote to wit:

**AYES:** Councilmembers Kelley, Mendez, and Vernola, Vice Mayor Shryock  
and Mayor Rodarte  
**NOES:** None  
**ABSENT:** None



**THERESA DEVOY, CMC  
CITY CLERK**

Section 275 from Ordinance Adopted by County Board of Supervisors on  
March 25, 2014.

**SECTION 1. Findings in Support of Adoption of More Restrictive Building Standards.**

The provisions of this ordinance contain various changes, modifications, and additions to the 2013 California Fire Code. Some of those changes are administrative in nature in that they do not constitute changes or modifications to requirements contained in the building standards adopted by the State Fire Marshall and published in the California Building Standards Code. Pursuant to Health and Safety Code sections 17958.5, 17958.7, and 189415, the Board of Supervisors hereby expressly finds and determines that all of the changes and modifications to requirements contained in the building standards published in the California Building Standards Code, contained in this ordinance, which are not administrative in nature, are reasonably necessary because of local climatic, geological, or topographical conditions in the County of Los Angeles and in the Consolidated Fire Protection District of Los Angeles County. This expressed finding is supported and based upon the following more specific determinations:

**CLIMATIC** - The County of Los Angeles is located in an area subject to climatic conditions with long periods of low humidity and hot weather, combined with unpredictable seasonal high winds (Santa Ana wind conditions), resulting in increased exposure to fire risk. This combination of events creates an environment that is conducive to rapidly spreading fires. Control of such fires requires rapid response. With the time that is required to deal with potential obstacles from the wind, such as fallen trees, street lights, and utility poles, in addition to the time required to climb 75 feet vertically up flights of stairs, the ability to respond rapidly is negatively impacted. Additionally, there is a significant increase in the amount of wind at 60 feet above the ground. Use of aerial-type fire fighting apparatus above this height would place rescue personnel at increased risk of injury. High winds will also cause burning embers to become airborne resulting in the rapid spread of a fire to nearby structures. Immediate containment of a fire is the only method by which it can be controlled during high wind conditions. In high fire severity zones, a unique combination of low humidity, strong winds, and dry vegetation exists.

**GEOLOGICAL** - The County of Los Angeles is located in the middle of the seismically active area identified as Seismic Zone 4. The viability of the public water system would be questionable at best after a major seismic event. Tall buildings would become vulnerable to uncontrolled fires due to a lack of available water and an inability to pump sufficient quantities of any available water to floors above the 55-foot level. A severe seismic event has the potential to negatively impact any rescue or fire suppression activities because it is likely to create significant physical obstacles

and logistical challenges. With the probability of strong aftershocks, there exists a need to provide increased protection for anyone on upper floors.

Geological conditions created by the numerous faults will result in increased fire danger to structures, delayed fire department response, and unique rescue challenges. Seismic events of sufficient magnitude will cause substantial damage to structures. These damages are likely to be accompanied by a substantial number of fires that may exceed the fire department suppression capabilities. Accordingly, built-in fire suppression systems provide the only adequate measure to mitigate the potential hazards from and damage caused by such fires.

The County of Los Angeles is subject to occasional severe rainstorms. The impacts from these rainstorms are exacerbated if hillside areas have been burned by wildland fires because significant mud and debris flows can occur. Mud and debris flows can impair fire department access or delay response times if access roads are obstructed by mud or debris.

**TOPOGRAPHICAL** - The topographical conditions of the County of Los Angeles includes many mountains, hills, and canyons which tend to accelerate the periodic high- velocity winds by means of a venturi effect. These canyon winds and the significant growth of vegetation of a combustible nature increase the fire danger. Additionally, long periods of dry, hot weather, combined with unpredictable seasonal winds (Santa Ana wind conditions) result in increased exposure to fire risk. The hillside areas have access roads that are narrow, steep, and contain many sharp curves, all of which makes timely response by large fire apparatus difficult.

The specific sections of this code that constitute more restrictive building standards are identified in the table set forth below. The more restrictive building 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.

| <b>Section</b>                            | <b>Local Condition</b>        | <b>Explanation and Findings</b>   |
|---|-------------------------------|---|
| 304.1.2 –<br>Vegetation                   | Climatic and<br>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. |
| 315.3.2.1 –<br>Storage under<br>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.                |

| Section                                     | Local Condition                         | Explanation and Findings   |
|---|---|--|
| 316.6.1 – Structures                        | Climatic, Geological, and Topographical | Imposes additional requirements for the grounding of construction under high-voltage transmission lines in order to protect property, the public, and firefighters responding to emergencies. Necessary due to Los Angeles County's unique climate and topography to reduce risk of fire, to reduce the possibility of fires being caused by downed high-voltage transmission lines, to minimize the spreading of fires that may begin under transmission lines, and to protect firefighters responding to emergencies under transmission lines. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County. |
| 317 – Rooftop gardens and landscaped roofs. | Climatic and Topographical              | Provides various design and location requirements for roof gardens and landscaped roofs for residential and commercial structures. Necessary due to Los Angeles County's unique climate and topography to reduce risk of fire, to reduce the possibility of fires being caused by rooftop vegetation, to minimize the spreading of fires, and to protect firefighters responding to emergencies by ensuring that the integrity of the roof is not compromised by a garden or landscaping. Further necessary because risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.  |
| 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.   |

| Section  | Local Condition                         | Explanation and Findings   |
|--|---|--|
| 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 and speed humps to list of prohibited obstructions to fire apparatus access roads. Speed bumps and speed humps 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.         |

| Section  | Local Condition                         | Explanation and Findings  |
|--|---|---|
| 503.4.1 – Traffic-calming devices  | Climatic, Geological, and Topographical | Requires fire code official approval to install traffic calming devices such as speed bumps and speed humps. 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. This section is necessary because the risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.            |
| 503.7 – Fire apparatus access roads in recreational vehicle, mobile home, manufactured housing, sales lots, and storage lots | Climatic, Geological, and Topographical | Requires fire apparatus access roads in recreational vehicle, mobile home, manufactured housing, 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 the risk of fire is increased due to the prevalence of earthquakes in Los Angeles County.  |
| 503.7.1 – Fire apparatus access roads in mobilehome parks and special occupancy parks  | Climatic, Geological, and Topographical | Requires additional fire apparatus access roads in mobilehome parks and special occupancy parks. 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 barriers and parapets   | 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. |

| Section   | Local Condition                         | Explanation and Findings   |
|---|---|--|
| 507.5.1.2 – 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.                       |
| 901.6.3.1 – Above-ground water control valve signs              | Climatic, Geological, and Topographical | 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.   |
| 901.6.3.4 – Clear space around above-ground water control valve | Climatic, Geological, and Topographical | 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. |
| 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.                             |

| Section  | Local Condition                         | Explanation and Findings   |
|--|---|--|
| 903.2.11.7 – Occupancies in Fire Hazard Severity Zones and in the Malibu-Santa Monica Mountains or San Gabriel Southface areas | Climatic, Geological, and Topographical | 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. |
| 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.   |

| Section   | Local Condition                     | Explanation and Findings   |
|---|-------------------------------------|--|
| 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. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.  |
| 905.6.1.1 – Size  | Climatic                            | Size requirements for Class III standpipes to ensure adequate fire protection system. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.   |
| 905.9 – Riser shutoff valve supervision and drain                     | Climatic                            | Additional requirements to fire protection system for testing, maintenance and operation. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions.   |
| 905.12 – Basement pipe inlets, 905.12.1, 905.12.2, 905.12.3, 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.  |
| 910.2.1.1 – Group S-2   | Climatic and geological             | Requires smoke and heat removal for basement level parking garages. Necessary to increase ability of fire fighters to respond to fires in parking garages. Necessary because of increased danger of fire in Los Angeles County due to hot and windy conditions and the prevalence of earthquakes in Los Angeles County.  |
| 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 – Identification  | 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.   |

| Section   | Local Condition                         | Explanation and Findings  |
|---|---|---|
| 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 for 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.  |
| 1103.2 – Emergency Responder Radio Coverage in Existing buildings | Climatic and Geological                 | Adopts International Fire Code requirements for radio coverage in existing buildings. Necessary to increase fire and life safety and increase ability of fire fighters to rescue people trapped in buildings during an emergency and to communication between fire fighters when responding to fire and life safety emergencies. Necessary because of the prevalence of earthquakes in Los Angeles County and the risk of fires due to the climate in Los Angeles County. |
| 1104 – Means of egress for existing buildings                     | Climatic and Geological                 | Adopts International Fire Code requirements regarding egress requirements for existing buildings. 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.  |
| 1104.6.7 – Maintenance  | Climatic and Geological                 | Adopts requirement to keep fire escapes clear and unobstructed to allow for safe evacuation of buildings in event of fire or other life safety emergency. Necessary to increase fire and life safety in evacuations because of the prevalence of earthquakes in Los Angeles County and the risk of fires due to the climate in Los Angeles County.  |

| Section   | Local Condition                         | Explanation and Findings   |
|---|---|--|
| 1105.1 – Tire Storage Yards   | Climatic, Topographical, and Geological | Requirement for fire access roads for tire storage yards 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 and due to the prevalence of earthquakes in Los Angeles County.  |
| 2007.9 – Helistops for high rise  | Climatic and 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.  |
| 2007.10 – Helistops in Fire Hazard Severity Zones;<br>1107.10.1 Surface | Climatic and 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. |
| 2007.10.2 – Hydrant   | Climatic; Topographical                 | Requires 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.   |
| 2007.10.3 – Access  | Climatic; Topographical                 | Adopts 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.                       |
| 2404.4 – 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.  |

| Section  | Local Condition            | Explanation and Findings  |
|--|----------------------------|---|
| 2503, 2504, 2505, 2506, 2507 – 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. |
| 2810 – Storage of combustible idle pallets             | 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.  |
| 3104.21 – 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.            |
| Table 3206.2   | 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.  |
| 3206.7.1 – 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.   |
| 3208.2.2 – 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.  |
| 3505.9 – Backflash prevention                          | Geological                 | Requires 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.   |
| 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.                                    |

| Section   | Local Condition         | Explanation and Findings   |
|---|-------------------------|--|
| 5003.11.3.8 – 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.  |
| 5704.2.8.3 – Secondary containment                      | Geological              | Requires 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.  |
| 5704.2.8.16.1 – System requirements                     | Climatic and Geological | Requires 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.   |
| 5704.2.9.1.1 – 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. |
| 5704.2.9.6.1.3 – 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.  |
| 5704.3.7.6 – 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.   |

| Section   | Local Condition            | Explanation and Findings   |
|---|----------------------------|--|
| 5706.5.1.1 – 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.  |
| 5706.5.1.19 – 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. |
| 6104.4 – 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.  |
| 8104 – fire apparatus access roads;<br>8106 – housekeeping;<br>8108 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<br>Section 105.1 – 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<br>Section 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<br>Section 105.2 – 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.   |

| <b>Section</b>  | <b>Local Condition</b>        | <b>Explanation and Findings</b>   |
|---|-------------------------------|---|
| APPENDIX B<br>Section<br>B105.3 –<br>Mobile home<br>parks                                       | Topographical<br>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<br>Section<br>B105.4 – Land<br>subdivision<br>projects                               | Topographical<br>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,<br>Section<br>C102.2 –<br>Location on<br>street                                     | Topographical<br>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,<br>Section<br>C105.2 – One-<br>family dwelling                                      | Topographical<br>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,<br>Section<br>C105.2.1 –<br>Cul-de-sac<br>hydrant<br>location                       | Topographical<br>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,<br>Section<br>C105.2.2 -<br>Buildings<br>other than<br>one-family<br>dwelling units | Topographical<br>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.         |
| APPENDIX C,<br>Section C106<br>- On-site<br>hydrants  | Topographical<br>and Climatic | 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.                                    |

| Section  | Local Condition                               | Explanation and Findings   |
|--|---|--|
| APPENDIX K,<br>Section K103<br>– General<br>Requirements | Topographical,<br>Geographic, and<br>Climatic | Provides various design and location requirements for temporary haunted houses, ghost walks, and similar amusement uses where the means of egress are not apparent due to decorative materials confusing sounds and or visual effects. Necessary because of increased danger of fire in Los Angeles County due to climatic and topographical conditions and the prevalence of earthquakes in Los Angeles County. |

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