

**H-9**

November 12, 2019

HONORABLE MAYOR AND CITY COUNCIL  
City of Long Beach  
California

**RECOMMENDATION:**

Receive the supporting documentation into the record, conclude the public hearing, and declare an Ordinance adopting and amending the 2019 Edition of the California Building Standards Code and the 1997 Edition of the Uniform Housing Code, by amending and restating Title 18 of the Long Beach Municipal Code (LBMC) in its entirety, read for the first time and laid over to the next regular meeting of the City Council for final reading;

Declare an Ordinance amending Chapter 3.90, Subsections 8.56.020.C, 8.76.010.E, 8.76.010.J, 8.76.017.C, Sections 8.76.030, 8.76.110, 9.37.170, 14.04.015, Chapter 14.08, Sections 21.33.045 and 21.45.400 of the LBMC; and by adding Chapters 14.44 and 14.48 to the LBMC; and by repealing Chapters 8.59 and 14.32 of the LBMC, read for the first time and laid over to the next regular meeting of the City Council for final reading;

Adopt a Resolution making express findings and determinations relating to the adoption of more restrictive Code provisions where appropriate;

Adopt a Resolution authorizing the Director of Development Services to submit the Ordinance amendments to the California Coastal Commission for a finding of conformance with the Certified Local Coastal Program (Application 19-008); and,

Accept and adopt Negative Declaration ND 09-19 for the Long Beach Building Standards Code Amendments Project. (Citywide)

**DISCUSSION**

Every three years, the State of California adopts the latest edition of the California Building Standards Code and Uniform Housing Code (Codes) to establish uniform standards for the construction and maintenance of buildings, electrical systems, plumbing systems, mechanical systems, and fire and life safety systems. The 2019 Edition of the California Building Standards Code was adopted by the California Building Standards Commission and published on July 1, 2019. The 1997 Edition of the Uniform Housing Code was adopted by the California Department of Housing and Community Development and has been in effect since August 22, 1998. State law requires that the Codes become effective at the local level on January 1, 2020.

Prior to the adoption and enforcement of the Codes at the local level, State law permits local jurisdictions to amend the Codes when an express finding and determination is made that such

local amendments are reasonably necessary because of local climatic, geological, or topographical conditions that affect the jurisdiction. Additionally, local amendments are reasonably necessary, provided it is a more restrictive building standard. Local amendments that are necessary for administrative clarification and do not modify Building Standards, as defined in Section 18909(c) of the California Health and Safety Code, can be enacted without the required express findings and determinations.

Staff from the City of Long Beach (City) Development Services, Fire, Public Works Departments, and the Office of Sustainability, have reviewed the Codes and recommend local amendments to the Long Beach Municipal Code (LBMC). Many of the recommendations are consistent with amendments adopted by other jurisdictions in Southern California as part of the Los Angeles Regional Uniform Code Program. The intent of the proposed amendments is to (1) minimize, prevent and protect the community from natural hazards such as earthquakes, floods, fires, etc., and (2) improve the health and welfare of the community through green building and sustainable construction practices. The recommended amendments are summarized below:

**Title 3, LBMC, Revenue and Finance.** Amend Chapter 3.90 to update references to Chapters 18.15 and 18.16 that were previously Chapters 18.22 and 18.23; and change the title of Chapter 3.90 from "Development Services Center Surcharge" to "Development Permit Center Surcharge."

**Title 8, LBMC, Health and Safety.** Amend various chapters including Sections 8.56.020.C, 8.76.010.E, 8.76.017.C, 8.76.030 and 8.76.110 to make editorial changes, correct misspelled words, update the department name to "Department of Development Services," and update abatement notice letters to reflect the current calendar year. It is also recommended that Chapter 8.59, Lot Fencing, be deleted in its entirety as its requirements are addressed in Chapter 18.29 Maintenance of Vacant Lots.

**Title 9, LBMC, Public Peace, Morals and Welfare.** Amend Section 9.37.170 to update the lien notice letter for nuisance abatement efforts to reflect the current calendar year.

**Title 14, LBMC, Streets and Sidewalks.** Amend Chapter 14.32 to update and relocate these provisions to Chapter 18.11 to address building addressing; Chapter 14.08 to update existing public right-of-way occupancy permits; Chapters 14.44 and 14.48 added to codify existing right-of-way encroachment and protective fencing requirements; and, Section 14.04.015 to update regulation for work within public rights-of-way.

**Title 18, LBMC, Building Standards Code.** Amend all references in the Codes from 2016 to 2019. Several administrative amendments are proposed that update existing plan review, inspection, and code enforcement procedures. Chapter 18.11 is added to include provisions for building addressing. Chapters 18.22 and 18.23 are proposed to be relocated to Chapters 18.15 and 18.16. Chapter 18.77 is proposed to be added to codify expediting the issuance of solar photovoltaic permits. Chapter 18.73 is proposed

to be deleted in its entirety and replaced with the latest flood design and construction requirements contained in the Codes.

**Title 21, LBMC, Zoning.** Amend Sections 21.33.045 and 21.45.400 to update a reference for Harbor Permits and refer the structural design requirement for roof supporting solar photovoltaic panels to the Codes. These proposed changes to Title 21 were recommended for City Council approval by the Planning Commission at a public hearing held on October 17, 2019.

In an effort to obtain broad consideration from various stakeholders, the proposed amendments, express findings and determinations, and statement of reasons have been presented and discussed with various City advisory bodies and local stakeholders, as indicated below.

- Board of Examiners Appeals and Condemnation (BEAC) - The City's code review body reviewed the proposed amendments at its meetings on September 17, 2018, October 15, 2018, December 3, 2018, July 15, 2019, August 19, 2019, and September 16, 2019. At its September 30, 2019 meeting, BEAC voted to recommend that the City Council approve proposed amendments.
- Sustainable City Commission (SCC) - The City's code review body for green and sustainable practices reviewed the proposed amendments and statement of reasons related to the City's electric vehicle charging policy at its meeting on July 25, 2019. The SCC voted to recommend that the City Council approval of the proposed amendments.
- Planning Commission (PC) - Recommended approval of the amendments to Title 21, Zoning at its meeting on October 17, 2019.
- Industry Partners - Staff reached out directly to local partners for input and feedback on the proposed amendments including the local Long Beach/South Bay Chapter of the American Institute of Architects, the local office of the California Apartment Association, the Structural Engineers Association of Southern California, the Los Angeles/Ventura Chapter of the Building Industry Association, and the Downtown Long Beach Alliance.
- Public Notice - To increase public awareness of process to amend the Codes, notices have been posted on the Development Service Department's website, flyers have been distributed at the Permit Center in City Hall, information was posted on the City's social networking sites, and email notices have been sent to the Department's "Latest News and Updates" distribution group consisting of 1,033 subscribers. Future community workshops will be scheduled to highlight the provisions of the State-mandated Codes for the public after its adoption.

Public hearing notices were published in the Long Beach Press-Telegram and distributed on October 16, 2019, and no responses were received as of the date of preparation of this report.

In accordance with the Guidelines for Implementation of the California Environmental Quality Act (CEQA), Negative Declaration ND 09-19 was prepared for the proposed amendments (Attachment A). The Negative Declaration was made available for a 30-day public review and comment period that began on October 1, 2019 and ended on October 30, 2019. No public comments were received as of the date of preparation of this report. Any public comment received will be forwarded to the City Council for consideration.

This matter was reviewed by Assistant City Attorney Michael J. Mais on October 29, 2019 and by Budget Analysis Officer Julissa José-Murray on October 23, 2019.

### SUSTAINABILITY

State law requires the adoption of the 2019 Edition of the California Green Building Standards Code (CALGreen Code), which will require residential and nonresidential buildings to be designed and constructed utilizing sustainable construction practices. Coupled with the City's existing Model Landscaping Ordinance, Construction and Demolition Debris Recycling Ordinance, Green Building Ordinance, Low Impact Development Standards, Expedited Permitting Process for Solar Photovoltaic Systems, and the proposed electric vehicle (EV) charging policy, the CALGreen Code will help to preserve and protect the community and allow the City to realize a healthier and cleaner environment.

On November 3, 2015, the City Council requested that the SCC prepare recommendations on approaches to expand EV charging infrastructure in Long Beach. On March 24, 2016, the SCC submitted to the City Council EV charging policy recommendations, including building code revisions, developed from policy research of best practices within other California municipalities. On May 3, 2016, the City Council received the EV recommendations and directed that they be incorporated into the triennial code update to Title 18 of the LBMC. On July 25, 2019, the SCC voted to support the proposed amendments to the EV charging policy.

### TIMING CONSIDERATIONS

State law requires that the Code become effective on January 1, 2020. City Council action is requested on November 12, 2019, to comply with this State-mandated deadline.

### FISCAL IMPACT

This recommendation has no staffing impact beyond the normal budgeted scope of duties and is consistent with existing City Council priorities. There is no fiscal or local job impact associated with this recommendation.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



LINDA F. TATUM, FAICP  
DIRECTOR OF DEVELOPMENT SERVICES



XAVIER ESPINO  
FIRE CHIEF

LFT:XE:oo

ATTACHMENTS: City Council Ordinances (2)  
City Council Resolutions (2)  
Attachment A – CEQA Negative Declaration ND 09-19

APPROVED:



THOMAS B. MODICA  
ACTING CITY MANAGER



OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
411 West Ocean Boulevard, 9th Floor  
Long Beach, CA 90802

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I hereby certify that the foregoing ordinance was adopted by the City Council of the City of Long Beach at its meeting of \_\_\_\_\_, 20\_\_ by the following vote:

Ayes: Councilmembers: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Noes: Councilmembers: \_\_\_\_\_

\_\_\_\_\_

Absent: Councilmembers: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
City Clerk

Approved: \_\_\_\_\_  
(Date)

\_\_\_\_\_  
Mayor

**November 12, 2019**

**Exhibit A**  
**Long Beach Municipal Code - Title 18 Updates**

**A SCANNED IMAGE OF THE AGENDA ITEM  
ATTACHMENTS ARE AVAILABLE IN LEGISTAR INSITE 2.0 AT  
<http://longbeach.legistar.com/Calendar.aspx>**

**OR**

**PLEASE CONTACT**

**THE LONG BEACH CITY CLERK DEPARTMENT AT**

**(562) 570-6101  
(562) 570-6789 (FAX)  
[cityclerk@longbeach.gov](mailto:cityclerk@longbeach.gov)**





1 water, sewer service, and the emergency water conservation plan adopted  
2 by the Long Beach Board of Water Commissioners, a surcharge in an  
3 amount as set forth in the Schedule of Fees and Charges established by  
4 City Council resolution.

5 Exception: The surcharge shall not apply to the fees or  
6 charges required in Chapters 18.15, 18.16, 18.17, and 18.18 of this Code,  
7 and Sections 18.20.150, 21.60.650 and 21.61.070 of this Code.

8 B. The City Manager is authorized to establish appropriate  
9 procedures to carry out the provisions of this Chapter.

10  
11 Section 2. Subsection 8.56.020.C of the Long Beach Municipal Code is  
12 amended to read as follows:

13 C. "Weeds" and/or "debris" includes all bushes, vines, trees,  
14 grass or other vegetation, whether cultivated or uncultivated, and whether  
15 dead or growing, and all refuse and rubbish of any kind or description, or  
16 wood, asphalt, concrete and similar materials, or tin cans, parts of  
17 machinery, implements and automobiles, any of which cause unpleasant or  
18 noxious odors, or which are or may become a refuge or breeding place for  
19 insects and vermin, or which conceal or are capable of concealing filth and  
20 other unsanitary conditions, or which are, or are capable of becoming, a fire  
21 or other hazard to the use and occupancy of neighboring properties, or  
22 which obstruct or hinder the use of any public street, sidewalk, alley or way.

23  
24 Section 3. Subsection 8.76.010.E of the Long Beach Municipal Code is  
25 amended to read as follows:

26 E. Dead, decayed, diseased or hazardous trees, vegetation, weeds  
27 and debris constituting unsightly appearance, dangerous to public safety and  
28 welfare, or detrimental to neighboring properties or property values;

1 Section 4. Subsection 8.76.010.J of the Long Beach Municipal Code is  
2 amended to read as follows:

3 J. Clothesline visible from public view including front yard areas,  
4 in side yard areas, and corner lots;

5  
6 Section 5. Subsection 8.76.017.C of the Long Beach Municipal Code is  
7 amended to read as follows:

8 C. Prohibited materials. No wood, plastic or similar materials  
9 shall be used to cover window openings, whether glazed or unglazed,  
10 provided that plywood may be used if painted in a color conforming to and  
11 consistent with the existing color of the vacant unit or units and is so  
12 approved by the Director of Development Services or his/her designee.

13  
14 Section 6. Section 8.76.030 of the Long Beach Municipal Code is  
15 amended to read as follows:

16 8.76.030 Abatement—Hearing—Notice—Form.

17 If the owner fails to comply with the notice of the appropriate City  
18 official to abate the subject nuisance within the time specified in the notice  
19 to abate, the City official shall apply to the Board of Examiners, Appeals and  
20 Condemnation for a hearing and a finding of a nuisance. Notice of such  
21 hearing shall be substantially in the following form:

22  
23 NOTICE OF HEARING TO DETERMINE EXISTENCE OF  
24 PUBLIC NUISANCE AND TO ABATE IN WHOLE OR IN PART

25  
26 NOTICE IS HEREBY GIVEN that on the \_\_\_\_\_ day of  
27 \_\_\_\_\_, 20\_\_ , at the hour of \_\_\_\_\_ m., the Board of  
28 Examiners, Appeals and Condemnation of the City of Long Beach will hold

1 a public hearing in the Council Chambers of the Long Beach City Hall,  
2 located at 411 West Ocean Boulevard, Long Beach, California, to ascertain  
3 whether certain premises situated in the City of Long Beach, State of  
4 California, known and designated as \_\_\_\_\_,  
5 constitute a public nuisance subject to abatement by the rehabilitation of  
6 such premises or by the repair or demolition of buildings or structures  
7 situated thereon. If said premises, in whole or part, are found to constitute a  
8 public nuisance as defined by Section 8.76.010 of the Long Beach  
9 Municipal Code, and if the same are not promptly abated by the owner,  
10 such nuisances may be abated by municipal authorities, and the costs of  
11 rehabilitation, repair or demolition plus incidental enforcement costs will be  
12 assessed upon such premises and such costs will constitute a lien upon  
13 such land until paid.

14  
15 Said alleged violations consist of the following: \_\_\_\_\_.

16  
17 Said methods of abatement available are: \_\_\_\_\_.

18  
19 All persons having any objection to or interest in said matters are hereby  
20 notified to attend a meeting of the Board of Examiners, Appeal and  
21 Condemnation of the City of Long Beach to be held on the \_\_\_\_\_ day of  
22 \_\_\_\_\_, 20\_\_\_\_, at the hour of \_\_\_\_\_ .m., when their testimony  
23 and evidence will be heard and given due consideration.

24  
25 Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

26 \_\_\_\_\_  
27 (City Official)

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Section 7. Section 8.76.110 of the Long Beach Municipal Code is amended to read as follows:

8.76.110 Abatement by City—Notice.

If the nuisance is not completely abated by the owner within the designated abatement period, the City Manager or such other City official as may be designated by him shall serve notice on the owner of the affected premises by certified mail at his last known address as it appears on the last equalized assessment roll a notice of intent to abate nuisance which shall be substantially in the following form:

NOTICE OF INTENT TO ABATE NUISANCE

NOTICE IS HEREBY GIVEN that an inspection made of the premises or property known and designated as \_\_\_\_\_ was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and a determination made that the order to abate the nuisance at said premises or property by the Long Beach City Council on \_\_\_\_\_ had not been complied with. Abatement of said nuisance will be accomplished by either City forces or private contractor in accordance with the specifications attached hereto and costs of such abatement will constitute a lien upon said property until paid. Notice is hereby given that said abatement will be undertaken ten (10) days after the date of this notice, and you are herewith notified to remove from the area of your affected premises those articles you deem of value within said ten-day period of time. Articles removed from the premises in the accomplishment of said abatement will be held in storage for a period of thirty (30) days at (location)\_\_\_\_\_ and a claim for articles removed may be made within said thirty (30)-day period. Articles not claimed and removed from the storage location within

1 said thirty-day period will be discarded or will be sold if determined to have  
2 value.

3  
4 A statement of costs incurred in the abatement with charges to be assessed  
5 will be mailed to you after completion.

6  
7 Section 8. Section 9.37.170 of the Long Beach Municipal Code is  
8 amended to read as follows:

9 9.37.170 Notice of lien.

10 The City shall file in the office of the County Recorder a certificate  
11 substantially in the following form:

12  
13 NOTICE OF LIEN

14 Under the authority of Government Code Sections 38773.5 and 53069.4, as  
15 well as Chapter 9 of the Long Beach Municipal Code, the City did on  
16 \_\_\_\_\_, 20\_\_\_, abate a nuisance upon the real property  
17 hereafter described, and also on \_\_\_\_\_, 20\_\_\_, did impose the  
18 cost of the abatement and administrative costs and penalties upon the real  
19 property. The City of Long Beach claims a lien for costs/charges on the real  
20 property for the expense of doing the work in the amount of \$ \_\_\_\_\_  
21 and for the amount of \$ \_\_\_\_\_ for administrative costs and  
22 \$ \_\_\_\_\_ for administrative penalties, for a total amount of  
23 \$ \_\_\_\_\_. This amount is a lien against the real property until it is  
24 paid, with interest at the legal rate per year from \_\_\_\_\_, 20\_\_\_  
25 (insert date of confirmation of statement), and discharged of record. The  
26 real property referred to above, and upon which the lien is claimed is that  
27 certain parcel of land situated within the City of Long Beach, County of Los  
28 Angeles, State of California, more particularly as follows: \_\_\_\_\_

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Dated \_\_\_\_\_, 20\_\_.

City of Long Beach

By \_\_\_\_\_

Section 9. Section 14.04.015 of the Long Beach Municipal Code is amended to read as follows:

14.04.015 Work within or on a public street or right-of-way, obstruction of a public street or right-of-way - permit required, regulations, penalties for non-compliance.

A. Definitions.

"Activity or Work Permissible within a Public Street" is defined as any work or activity permitted by this Code or authorized by the Director of Public Works.

"After Hours Work" is defined as construction and obstruction activity in public right of way during outside of Regular Hours Work.

"Emergency Work" is defined as immediate and unplanned action that must be taken to alleviate a hazardous condition, which represents an immediate threat to life, health, safety, or property. This includes continuous efforts to affect the restoration of interrupted utility services (electrical, water, gas, sewer, wastewater and telecommunications).

"Parking Lane Closure" is defined as any activity within an existing designated parking lane where parking space is reserved and parking for public use is not allowed.

1 "Peak Hour Construction and Right-of-Way Obstruction Regulations" is defined as  
2 all regulations contained in this Section that control and limit all construction and  
3 obstruction activity in the public right-of-way during After Hours Work on Public  
4 Right-of-Way or Peak Traffic Hours on Street Classifications Subject to Work Hour  
5 Restrictions.

6  
7 "Peak Traffic Hours" is defined as Monday through Friday, 6:00 a.m. to 8:30 a.m.  
8 and 3:30 p.m. to 6:30 p.m.

9  
10 "Regular Hours Work" is defined as construction and obstruction activity in the  
11 public right of way during Monday through Friday from 7:00 a.m. to 4:00 p.m.

12  
13 "Right-of-Way" means any easement or land owned by the City and used or  
14 designated for use as a street, parkway, alley, utility corridor, walkway,  
15 promenade, or bike path, and the surfaces thereof, and the airspace above such  
16 surfaces and the subsurface area below such surfaces and includes any right-of-  
17 way to be dedicated in the future.

18  
19 "Sidewalk Closure" is defined as any activity within the sidewalk (property line to  
20 curb) which reduces the usable sidewalk width, interrupts pedestrian traffic and is  
21 a possible cause of safety hazard.

22  
23 "Street Classifications Subject to Work Hour Restrictions" is defined as Temporary  
24 Street Closure or Traffic Lane Closure on major and secondary highways, or  
25 collector streets, as designated in the Transportation Element of the General Plan.

26  
27 "Temporary Street Closure" is defined as the temporary restriction of all vehicular  
28 traffic for construction purposes authorized by a valid permit, and an approved

1 Traffic Management Plan.

2

3 "Traffic Lane Closure" is defined as any activity within the public street, travel lane,  
4 bike lane or in an alley, which reduces the usable width to the point where one or  
5 more lanes of traffic cannot move safely and efficiently.

6

7 "Traffic Management Plan" is defined as a plan that addresses traffic control  
8 requirements in a construction area, and along detour routes and pedestrian  
9 reroute plan. The operation of a Traffic Management Plan is affected by the  
10 project's construction phasing, construction schedules, and work area required by  
11 the contractor, and shall be consistent with the contractor's project requirements,  
12 provided by the Department of Public Works.

13

14 "Worksite Traffic Conditions" is defined as those physical conditions, including  
15 signage, signal devices, operation of equipment, and conduct of workers (which  
16 are required by law), permit and plans to provide adequate street space, and  
17 accommodate traffic demands, particularly during Peak Traffic Hours on Traffic  
18 Lane Closure.

19

20 B. Permit required. No person shall affect a Traffic Lane  
21 Closure, Sidewalk Closure or Parking Lane Closure or perform work within  
22 or on any Public Street or public Right-of-Way, or obstruct any Public  
23 Street or public Right-of-Way for any reason without first applying for and  
24 obtaining a permit from the City. The person or entity requesting the permit  
25 shall pay all applicable permit fees required for any Activity or Work  
26 Permissible within a Public Street or public Right-of-Way.

26

27 1. Exemption from obtaining permit prior to any work or  
28 obstruction on Public Street or Right-of-Way. Emergency Work as defined  
above shall be exempt from Peak Hour Construction and Right-of-Way

1 Obstruction Regulations during Peak Traffic Hours on Street Classifications  
2 Subject to Work Hour Restriction. Advance notification shall be given to  
3 the Department of Public Works prior to the work being initiated. A permit  
4 shall be obtained within forty-eight (48) hours of beginning the Emergency  
5 Work.

6 2. Exemption from Peak Hour Construction and Right-Of-  
7 Way Obstruction Regulations for Public Works Approved Non-Emergency  
8 Work. The permittee or applicant shall submit the request with a complete  
9 permit application to the Department of Public Works. Applicable Traffic  
10 Management Plan and After Hours Work or Peak Traffic Hours shall be  
11 approved by the Department of Public Works.

12 3. Applicable fees for processing applications shall be  
13 applied. A fee for processing each request submitted pursuant to the  
14 provisions of paragraph 2 of this Subsection shall be established by City  
15 Council resolution.

16 C. Application for permit. Any application for a permit under this  
17 Section shall include the following information:

18 1. The name, address and telephone number of the  
19 applicant and the person responsible for the work or obstruction of the  
20 public street or any right-of-way;

21 2. The name, location and area of the street or right-of-  
22 way for which the permit is desired; and

23 3. A description of the work to be done within the public  
24 street or right-of-way and an explanation of why the proposed obstruction  
25 of the public street or right-of-way is necessary.

26 4. Any other items as requested on the most current  
27 application form or requested during review of a permit application  
28 submittal.

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D. Penalties for non-compliance.

1. Administrative penalties.

a. The failure to obtain a permit pursuant to this Section, the failure to abide by the Peak Hour Construction and Public Right-of-Way Obstruction Regulations contained in this Section, the failure to comply with Worksite Traffic Conditions or the violation of any special condition or requirement of a valid construction permit issued pursuant to the Long Beach Municipal Code, shall subject the violator to administrative penalties as set forth in Chapter 9.65, in an amount established by City Council resolution.

b. Any administrative penalty issued pursuant to this Section shall be governed by the provisions set forth in Section 9.65.060.

2. Criminal prosecution for multiple violations. Four (4) or more administrative citations issued to the same person or entity within twelve (12) months may constitute a misdemeanor under the Long Beach Municipal Code, may subject the violator to prosecution by the City and may subject the violator to other potential criminal penalties as allowed by law.

Section 10. Chapter 14.08 of the Long Beach Municipal Code is amended to read as follows:

CHAPTER 14.08  
EXCAVATIONS, STREET IMPROVEMENTS AND TEMPORARY  
OCCUPATION OF RIGHTS-OF-WAY

ARTICLE I. – GENERAL PROVISIONS  
14.08.010 Definitions.

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For the purpose of this Chapter, unless the context clearly requires a different meaning, the words, terms and phrases set forth in this Section are defined as follows:

"Applicant" means any person who applies for a permit under this Chapter.

"City" means the City of Long Beach, California, acting by and through the City Council.

"Contractor" means a person who, for a fixed sum, price, fee percentage or compensation other than wages, undertakes or offers to undertake or purports to have the capacity to construct, alter, repair, add to, improve or install surface improvements to streets or any part thereof, or makes or commences to make any excavation in or under the surface of any right-of-way for the installation, repair, or removal of any pipe, conduit, duct or tunnel in the right-of-way.

"Facilities" means pipes, pipelines, conduits, ducts, tunnels, poles, pole lines, cables, wires, vaults, traps, manholes, appliances, attachments and appurtenances used in connection therewith, for the purpose of the transmission, transportation or conveyance of any liquid or gaseous substance or substances, steam, air, electrical energy, or for communication purposes, or for the purpose of providing housing or protection for interior lines used, intended to be, or capable of being used for such purpose or purposes.

"Permit" means the document issued to an applicant by the City under this Chapter and includes any amendment or supplement to any such permit.

1 "Permittee" means any person to whom a permit has been granted and  
2 issued under the terms of this Chapter.

3  
4 "Person" means an individual, a receiver, a trustee, a co-partnership, a  
5 joint venture, a firm, an unincorporated association, a syndicate, a club, a  
6 society, a trust, a private corporation, a limited liability company, a public  
7 corporation, a municipal corporation, a County, a State, a national  
8 government, a municipal, County, State or federal agency, board or  
9 commission, a water district, a utility district, a political subdivision, a school  
10 district, a drainage, irrigation, levee, replenishment, reclamation or  
11 conservation district, and a flood control district, whether acting for  
12 himself/herself/itself or in any representative capacity.

13  
14 "Right-of-way" means any easement or land owned by the City and used or  
15 designated for use as a street, parkway, alley, utility corridor, walkway,  
16 promenade, or bike path, and the surfaces thereof, and includes any right-  
17 of-way to be dedicated in the future.

18  
19 "Improvements" means the repair, modification, alteration, removal, or  
20 addition of facilities including, but not limited to, grading, paving, curbs,  
21 gutters, sidewalks, driveways, landscaping, street lighting, traffic signals,  
22 stairs, fences, walls, and any other work in the right-of-way.

23  
24 ARTICLE II. – PERMITS

25 14.08.020 Public works permit—Required.

26 A. No person shall perform any of the following activities without  
27 first obtaining a permit from the City Engineer authorizing such person to  
28 make such excavation, improvement, or temporary occupancy:

1                   1.     Make any excavation or improvements in, on, or under  
2     the surface of any right-of-way.

3                   2.     Use or occupy any right-of-way with a temporary  
4     occupancy consisting of any structure, container, materials, equipment,  
5     vehicles, or construction signs related to work on private property.

6                   3.     Make any excavation or improvements in, on, or under  
7     the surface of private property adjacent to any right-of-way, where lateral  
8     support to such right-of-way or improvements or property within such right-  
9     of-way is affected by such excavation. Such excavation shall be subject to  
10    the additional requirements specified in Article IV of this Chapter.

11                  B.     This Section shall not be applicable to excavations performed  
12    pursuant to contracts awarded for such work by the Board of Harbor  
13    Commissioners, or any activity for which a permit has been granted  
14    pursuant to Chapter 5.60.

15  
16    14.08.030   Public works permit—Application.

17                  A.     The application for a permit under this Chapter shall be  
18    completed and filed with the City Engineer on the City's application form.  
19    Such permit application shall contain the name and street address of the  
20    applicant and shall describe in detail the excavation, improvement, or  
21    temporary occupancy to be made and the purpose of the excavation,  
22    improvement or temporary occupancy.

23                  B.     The application for excavation or improvements shall include  
24    seven (7) copies of a construction plan, twenty-four inch by thirty-six inch  
25    (24" x 36") size showing the proposed location of the excavation or  
26    improvements and the dimensions thereof, together with such other details  
27    as the City Engineer may require on such plan. The plan shall be drawn to  
28    a scale of not more than twenty feet to the inch (20' = 1") and all copies

1           thereof shall be to this scale. In addition, the application shall include  
2           evidence that the applicant is either:

3                     1.     Under contract with the City for the excavation or  
4           improvement; or

5                     2.     Authorized by law or a valid franchise to use the right-  
6           of-way for which an excavation or improvement is being requested; or

7                     3.     Authorized by a pipeline permit issued under Chapter  
8           15.44 to use the right-of-way for which an excavation or improvement is  
9           being requested; or

10                    4.     Required to construct the excavation or improvement  
11          in conjunction with a building permit issued under Chapter 18.04 or a  
12          conditional use permit issued under Chapter 21.25.

13                    5.     All construction plans submitted with an application for  
14          an excavation permit relating to any hazardous liquid facilities shall be  
15          signed by a California registered civil and/or mechanical engineer and shall  
16          be accompanied by a certification, signed by the engineer, that all facilities  
17          are in compliance with either the Federal Hazardous Liquid Pipeline Safety  
18          Act of 1979 and its amendments, the California Pipeline Safety Act of 1981  
19          and its amendments, or the City hazardous liquid pipeline ordinance and its  
20          amendments, whichever one applies.

21                    6.     The applicant shall provide any additional information  
22          which the City Engineer may deem necessary.

23                    7.     The application and permit shall be signed by the  
24          applicant or the authorized agent of the applicant. Any person signing the  
25          application and permit as an agent shall furnish written authorization signed  
26          by the applicant designating the person as an authorized agent for such  
27          purpose.

28     //

1 14.08.040 Public works permit—Fees.

2 A. Every applicant for a permit under this Chapter shall, when  
3 the application is filed, pay to the City a fee established by resolution of the  
4 City Council. If, at any time, the City Engineer determines that the original  
5 fee paid by the applicant is not sufficient to recover costs accrued by the  
6 City, then the City Engineer may, at his discretion, require that an additional  
7 fee be paid in an amount sufficient to recover said costs.

8 B. The holder of a valid franchise or permit, with the approval of  
9 the City Engineer, may pay pipeline permit and inspection fees on a  
10 monthly basis. The City Engineer shall bill the holder each month for the  
11 fees accrued during the preceding month.

12  
13 14.08.050 Public works permit—Deposit or bond.

14 A. Unless the City Engineer has authorized the permittee to  
15 perform the resurfacing or repair of the surface of any highway, public street  
16 or alley which may be removed in part or damaged by excavation, fill or  
17 temporary occupancy pursuant to a permit issued under this Chapter, the  
18 permittee shall deposit with the City the estimated cost of resurfacing or  
19 repairing the surface of the highway, public street or alley which may be  
20 damaged or destroyed.

21 B. To ensure compliance with conditions established in the  
22 permit, the City Engineer may require that the permittee furnish a surety  
23 bond, cash deposit, or letter of credit. All bonds shall comply with  
24 regulations issued by the City pursuant to Section 2.84.040 and shall be in  
25 an amount equal to twice the estimated cost of performing the work  
26 provided, however, that the minimum amount of such bond shall not be less  
27 than one thousand dollars (\$1,000.00), and the minimum duration of the  
28 bond shall not be less than one (1) year. The condition of such bond shall

1 be that the permittee will perform the work authorized by any permit issued  
2 pursuant to this Code in a good and workmanlike manner and to the  
3 satisfaction of the City Engineer.

4  
5 14.08.060 Public works permit—Issuance.

6 A. If the applicant complies in all respects with this Chapter and  
7 with all other applicable laws, rules, regulations and ordinances of the City,  
8 and pays the fees and deposits required by this Chapter, and said permit is  
9 not being sought for excavation in a right-of-way that has been constructed,  
10 reconstructed, or resurfaced within the previous sixty (60) months or slurry  
11 sealed within the previous twenty-four (24) months, then the City Engineer  
12 shall issue the permit.

13 B. However, permits for excavation in a right-of-way that has  
14 undergone construction, reconstruction or resurfacing within the previous  
15 sixty (60) months or slurry sealed within the previous twenty-four (24)  
16 months and are not for an emergency repair or a new service connection to  
17 an underground utility shall be deemed discretionary and subject to the  
18 approval of the City Council.

19 C. The City Council may authorize a discretionary permit under  
20 the following criteria:

21 1. The applicant can demonstrate that the permit for  
22 excavation in a right-of-way is immediately required for the general health,  
23 safety, and welfare of the City and, as such, cannot be delayed until the  
24 sixty (60) month or the twenty-four (24) month period, described above,  
25 has expired; and

26 2. The applicant can demonstrate that alternatives to  
27 excavating in the right-of-way, such as alternative routing or construction  
28 methods, including boring or excavation of the parkway, are not possible.

1 14.08.070 Public works permit—Failure to obtain.

2 A. If a person begins excavation, the construction of any  
3 improvement, or occupies the right-of-way prior to obtaining a permit, the fee  
4 to obtain a permit shall be double the fee prescribed in Section 14.08.040, as  
5 a penalty for the failure to obtain a permit as required herein.

6 B. The payment of the penalty shall not relieve such person from  
7 fully complying with this Chapter in the execution of the work, or from  
8 penalties prescribed herein.

9  
10 14.08.080 Public works permit—Defective work.

11 If improvements are made under a permit and do not comply with  
12 the specifications and this Chapter, the City Engineer shall notify the  
13 person to whom the permit was granted and identify the defect or failure  
14 and the person shall, within a period of five (5) days after the service of the  
15 notice, proceed with reasonable diligence to remedy the defect or failure. If  
16 the person does not comply with the requirements of the notice, the City  
17 Engineer may order the improvements removed at the expense of the  
18 permittee and the permittee shall promptly reimburse the City for the cost  
19 of removal.

20  
21 14.08.090 Default.

22 A. If a permittee fails to comply with this Chapter, the City may  
23 notify the permittee in writing of the failure and identify the time within  
24 which the failure must be remedied. If the permittee fails or refuses to  
25 remedy the failure within the period of time stated in the notice, the City  
26 Engineer may revoke the permit and correct the failure. The permittee  
27 shall promptly reimburse the City for any expense incurred by the City in  
28 correcting the failure. If the permittee continues work after the permit has

1           been revoked and if the City files suit to restrain the permittee or otherwise  
2           enforce this Chapter, then the permittee shall reimburse the City for its  
3           reasonable costs and expenses in connection therewith, including attorney  
4           fees and court costs.

5                   B.     Any structure, materials, barricade, vehicle or other object  
6           placed in the right-of-way in violation of this Chapter may be removed and  
7           stored in any convenient place by the City Engineer or City officer or  
8           employee designated by him/her. If it is removed, the City will notify the  
9           owner thereof, in writing, within three (3) working days after its removal. If  
10          the owner fails to claim the items and pay the expenses of removal and  
11          storage within thirty (30) days after removal, the items shall be deemed to  
12          be unclaimed property in possession of the Police Department and may be  
13          disposed of pursuant to Chapter 2.78.

14  
15          14.08.100    Liability insurance.

16                   Permittee shall secure and maintain, during the life of the permit,  
17          commercial general liability insurance as described in regulations issued by  
18          the City pursuant to Section 2.84.040.

19  
20          14.08.110    Exemption from fees, bonds and deposits.

21                   If improvements or excavations are made under this Chapter by or  
22          for a municipal corporation, a County, a State, the federal government, a  
23          County, State or federal agency, board or commission, a drainage,  
24          irrigation, levee, replenishment, reclamation or water district, or a  
25          conservation or flood control district, then no fees or deposits shall be  
26          required prior to the issuance of the permit.

27          //

28          //

- 1 14.08.120 Public works permit – Terms and conditions.
- 2 A. A permit shall be subject to the following conditions:
- 3 1. The permit shall be kept at the site of the work and shall
- 4 be shown on demand to a City representative.
- 5 2. Permittee shall comply with California Government
- 6 Code Section 4216 and following. Markings made pursuant to such Code
- 7 Section shall not be made more than fourteen (14) calendar days prior to
- 8 commencement of work and all markings shall be removed within two (2)
- 9 months after the date markings are no longer needed or completion of the
- 10 work, whichever occurs first.
- 11 3. The permit is nontransferable.
- 12 4. Improvements that will be maintained by the permittee
- 13 may require the execution of a maintenance agreement with the City by the
- 14 permittee.
- 15 5. For excavations or improvements, the City Engineer
- 16 may revoke the permit unless the work begins within sixty (60) days after the
- 17 issuance of the permit and is diligently performed to completion in the sole
- 18 opinion of the City Engineer.
- 19 6. Permittee shall defend, indemnify and hold harmless
- 20 the City, its officials and employees from and against all liability, loss,
- 21 damage, demands, causes of action, proceedings, fines, penalties, costs,
- 22 and expenses including attorney fees arising in any way from permittee's
- 23 work under the permit and, furthermore, permittee shall obtain the
- 24 commercial general liability insurance required in regulations issued by the
- 25 City pursuant to Section 2.84.040.
- 26 7. Permittee shall, at permittee's sole expense, within ten
- 27 (10) days after receipt of written notification from the City Engineer to do so,
- 28 remove any improvement or facilities or, with the prior approval of the City

1 Engineer, relocate them to a site designated by the City Engineer if at any  
2 time the improvement or facilities interfere with the use, repair, improvement,  
3 widening, change in grade, or relocation of any right-of-way or highway, or  
4 interfere with the construction of any subway, viaduct or other underground  
5 conduit or structure of any kind.

6 B. Either when the permit is issued or at any time thereafter until  
7 the completion of work or end of the temporary occupancy, the City  
8 Engineer may require additional conditions as he finds reasonably  
9 necessary for the protection of the right-of-way or highway, for the  
10 prevention of undue interference with traffic, or to assure the safety of  
11 persons using the right-of-way or highway.

12  
13 14.08.130 Refusal to issue authorized.

14 The City Engineer may refuse to issue a permit for improvements,  
15 excavation, or temporary occupancy in the right-of-way if the applicant has  
16 previously failed or refused to comply with this Chapter or if the excavation,  
17 improvement, or temporary occupancy will endanger the health and welfare  
18 of the residents of the area where the work will be performed.

19  
20 14.08.140 Public works permit—Construction standard.

21 All improvements shall be performed to the satisfaction of the City  
22 Engineer and in accordance with the "Standard Specifications For Public  
23 Works Construction" current edition, approved plans, and with this Chapter.

24  
25 **ARTICLE III. – CONSTRUCTION STANDARDS**

26 14.08.150 Removal of materials and debris.

27 Any person performing or causing to be performed any work under  
28 this Chapter shall remove or cause to be removed from the site of any

1 excavation or improvements all debris and excess materials within three (3)  
2 days after the completion of the work.

3  
4 14.08.160 Inspection.

5 At least two (2) working days prior to beginning work or temporary  
6 occupancy, permittee shall notify the City Engineer by giving permittee's  
7 name, permit number, type of work, starting date, time of construction,  
8 name of permittee's representative at the site and the underground service  
9 alert ticket number. After work begins, permittee shall notify the City  
10 Inspector of the daily work in progress and the type of inspection required.  
11 Failure to contact the City Engineer or his representative or the use of  
12 unacceptable materials or unacceptable work shall result in a stop  
13 construction notice being issued. Work shall not resume until corrections  
14 have been made.

15  
16 14.08.170 Subsurface installations—Depths.

17 A. No person shall install any conduit, duct, shoring structure or  
18 tunnel within three feet (3') below established grade of any right-of-way.  
19 Installations such as manholes, culverts, and catch basins, within three feet  
20 (3') below the established grade of the right-of-way will require the City  
21 Engineer's approval. For all other installations below the established grade  
22 of the right-of-way, the City Engineer may, at his or her discretion, upon  
23 receipt of sufficient evidence of necessity or public benefit, grant a special  
24 permit for these installations. A shoring structure shall include, but is not  
25 limited to, tiebacks, excavation, caisson/soldier piles, and raker/brace  
26 system. Tiebacks shall include, but is not limited to, the steel tendon,  
27 coupler, bearing plate, anchor plate, and element made of cementitious or  
28 similar material anchoring the tieback tendon in the soil or rock. For any

1 structure left in place within the public right-of-way, applicants shall provide  
2 to the satisfaction of the City Engineer the as-built construction drawings and  
3 electronic files in current Geographic Information System (GIS) format, as  
4 per the latest official City datum plane to be used to update the City's GIS.

5 B. This Subsection shall apply to a proposed subsurface shoring  
6 system requiring tiebacks pursuant to a permit issued under this Chapter.  
7 When the tiebacks are no longer required due to the construction of a  
8 permanent retaining structure to maintain the stability of the subterranean  
9 structure, the tiebacks shall comply with the following:

10 1. Remove the tiebacks installed within eight feet (8')  
11 below the established grade of the right-of-way.

12 2. For any proposed tieback left in place between eight  
13 feet (8') and twenty feet (20') below the established grade of the right-of-  
14 way, applicants shall pay to the Public Works Department a mitigation fee,  
15 as determined by City Council resolution, for each tieback or portion  
16 thereof. This fee will be refunded upon proof of the entire tieback removal.

17 3. Where the tieback is allowed to remain in place at  
18 more than eight feet (8') below the established grade of the right-of-way,  
19 de-tension, decouple and remove the last extension of the tendon installed.

20 4. For any portion of the tieback made of cementitious or  
21 similar material left in place between eight feet (8') and twenty feet (20')  
22 below the established grade of the right-of-way, the compressive strength  
23 shall not exceed two thousand (2,000) pounds per square inch (psi).

24 5. Tiebacks shall maintain a minimum of two feet (2')  
25 clearance from any existing utility line or subsurface structure.

26 6. The City Engineer may modify the tieback  
27 requirements if extensive utility lines are present in the area or the street is  
28 on the Paving Moratorium List.

1 C. Exception: The City Engineer shall have the authority to  
2 exempt City-owned projects.

3 D. The City may issue an administrative citation and impose  
4 administrative penalties for violation of and failure to satisfy these  
5 requirements in accordance with Chapter 9.65.

6  
7 14.08.180 Backfill—Standards.

8 All excavations shall be backfilled in a manner satisfactory to the  
9 City Engineer and in accordance with the "Standard Specifications For  
10 Public Works Construction," current edition. If, at any time, the backfill fails  
11 and creates an unsafe condition, the City Engineer shall notify permittee of  
12 the failure and permittee shall repair the failure, at his/her/its own expense,  
13 to the satisfaction of the City Engineer.

14  
15 14.08.190 Backfill—Temporary road surface.

16 Whenever the pavement or surfacing is not immediately replaced,  
17 the surface of the backfill shall conform to the level of the adjoining street  
18 surface and shall be compacted so that it is hard and smooth enough to be  
19 safe for traffic to travel any legal rate of speed. If required by the City  
20 Engineer, permittee shall cover the backfilled area with temporary  
21 surfacing.

22  
23 14.08.200 Right-of-way surface replacement.

24 The surface of the right-of-way shall be replaced under the direction  
25 and supervision of the City Engineer at the sole cost and expense of the  
26 permittee, who shall maintain the surface for one (1) year after the date of  
27 completion of the work. If permittee fails to maintain the surface during  
28 said one (1) year period, the City Engineer may give to permittee a written

1 notice specifying the manner in which the permittee has failed to maintain  
2 the surface and the work necessary to be performed to restore the surface.  
3 Permittee shall have five (5) days after notice is given to restore or repair  
4 the surface and, if permittee fails or refuses to do so, the City Engineer, if  
5 he deems it advisable, shall have the right to perform the restoration or  
6 repair. Permittee shall be liable for the actual cost of the work plus twenty-  
7 five percent (25%) for City's administration and overhead, and shall  
8 promptly pay these charges to the City on receipt of a statement from the  
9 City. All work shall be done in accordance with the requirements provided  
10 in the "Standard Specifications For Public Works Construction," current  
11 edition.

12  
13 14.08.210 Backfill—Responsibility.

14 Permittee shall maintain the surface of the backfill safe for vehicular  
15 traffic and pedestrian travel until the pavement or surfacing has been  
16 replaced and accepted by the City Engineer, and be liable for all accidents  
17 which occur to vehicles or pedestrians at the site of the excavation, until  
18 the pavement or resurfacing has been replaced. If it is impractical to  
19 maintain the surface of the backfill in a safe condition for traffic, then  
20 permittee shall maintain barriers and red lights around it until the pavement  
21 or surfacing has been replaced.

22  
23 14.08.220 Safe crossings to be maintained.

24 Permittee making any excavation shall maintain safe crossings for  
25 vehicles and pedestrian traffic at all street intersections and safe crossings  
26 for pedestrians at intervals not to exceed six hundred feet (600'). If any  
27 excavation is made across a public street, at least one (1) safe crossing  
28 shall be maintained at all times for vehicles and pedestrians. All materials

1 excavated from the site shall be laid compactly along the side of the trench  
2 and kept trimmed to cause as little inconvenience as possible to public  
3 travel. If the right-of-way is not wide enough to hold the excavated material  
4 without using part of an adjacent right-of-way, permittee shall erect and  
5 maintain a tight board fence on and along the sidewalk and keep a  
6 passage at least three feet (3') wide open and along the right-of-way. The  
7 excavation shall be performed in such a manner so that it does not  
8 interfere with access to fire stations and fire hydrants. Materials or  
9 obstructions shall not be placed within fifteen feet (15') of fire hydrants.  
10 Passageways leading to fire escapes or firefighting equipment shall be kept  
11 free from piles of materials or other obstructions.

12  
13 14.08.230 Gutters and watercourses.

14 Permittee shall keep and maintain all gutters free and unobstructed  
15 for the full depth of the adjacent curb and for at least one foot (1') in width  
16 from the face of the curb at the gutter line. When a gutter crosses an  
17 intersecting street, an adequate waterway shall be provided and  
18 maintained at all times. Permittee shall also provide for the flow of any  
19 watercourse intercepted during the excavation and shall restore the  
20 watercourse to the same condition that existed prior to the excavation, or  
21 shall make other provisions for waterflow as the City Engineer may direct.

22  
23 14.08.240 Plan to conform to actual installation.

24 Every person owning, using, controlling or having an interest in any  
25 facilities in a right-of-way, except a service pipe or pipes, shall file in the  
26 office of the City Engineer, within sixty (60) days after the completion of  
27 installation of the facilities, a corrected record plan drawn to scale of not  
28 more than forty feet to the inch (40' = 1"), showing the facilities provided,

1           however, that if the plan filed with the City Engineer at the time the permit is  
2           issued is correct in every detail, permittee may make a notation to that effect  
3           on the plan, and the plan shall constitute compliance with this Section.

4                       Final acceptance by the City Engineer for the work performed under  
5           the permit is dependent on full compliance with this Section.

6  
7           14.08.250    Abandonment of facilities.

8                       Whenever facilities (except a service pipe or pipes) located under  
9           the surface of any right-of-way or the use of the facilities is abandoned or  
10          removed, the person owning, using, controlling or having any interest  
11          therein shall, within sixty (60) days after such abandonment, file in the  
12          office of the City Engineer a plan giving in detail the location of the facilities  
13          that were abandoned.

14  
15          14.08.260    Repair of ruptured oil and gas lines.

16                      Whenever facilities used for the transportation of oil, gasoline, gas or  
17          other petroleum products rupture in such a manner that the contents  
18          escape, the person maintaining or using the facilities shall immediately  
19          make repairs to ensure future safe operation of the facilities in accordance  
20          with Section 15.44.140. If the office of the City Engineer is closed when  
21          the break occurs, such person may make an excavation in the right-of-way  
22          to repair the facilities without first obtaining a permit from the City Engineer.  
23          Any person making an excavation under these circumstances shall apply  
24          for a permit not later than ten o'clock (10:00) a.m. on the first day the office  
25          of the City Engineer is open following the rupture. When the facilities are  
26          near a leaking facility, the person maintaining such facilities shall uncover  
27          them for inspection if required to do so by the City Engineer.

28        //

1 14.08.270 Temporary occupancy standards.

2 Any temporary occupancy of a right-of-way subject to this Chapter  
3 shall meet the following requirements:

4 A. The maximum width of the temporary occupancy including  
5 contents shall be eight feet (8'), unless otherwise approved by the City  
6 Engineer in accordance with this Chapter;

7 B. The temporary occupancy shall not be located in a manner  
8 which interferes with the flow of traffic;

9 C. Proper warning devices shall be provided for the temporary  
10 occupancy, to the satisfaction of the City Engineer;

11 D. The temporary occupancy shall be kept in good repair, free of  
12 graffiti, and in a safe and sanitary condition;

13 E. Temporary occupancy shall be located in a manner which  
14 does not interfere with visibility, vehicular mobility, or access to facilities.  
15 Locations shall be determined by the City Engineer at the time of  
16 application;

17 F. Permits will be issued for a period not to exceed ninety (90)  
18 days. On expiration, a new permit must be obtained on the basis of a new  
19 application.

20

21 14.08.280 Warning lights and barricades.

22 A permittee shall keep and maintain barriers at each end of  
23 excavations, at such places as may be necessary along the excavation,  
24 and at the site of the improvements or temporary occupancy. Permittee  
25 shall place and maintain signs or barriers with letters not less than three  
26 inches (3") high, which state the name of the permittee. Permittee shall  
27 also place and maintain lights at ends of the excavation and at a distance  
28 of not more than fifty feet (50') along the line thereof. For improvements

1 and temporary occupancy, permittee shall place and maintain such lights  
2 as necessary to warn the public. Permittee shall maintain the lights until  
3 the excavation has been entirely refilled or until the improvements or  
4 temporary occupancy has been completed. Any lighting required by this  
5 Section shall be operated between sunset and sunrise of the next day. If  
6 permittee fails to place and maintain such barricades and lights the City  
7 may place and maintain such barricades and lights and permittee shall  
8 promptly reimburse the City in the manner provided in Chapter 14.12.  
9

10 14.08.290 Relocation of existing interferences.

11 Permittee shall move and relocate all interferences, including trees,  
12 poles, street lighting systems, parking meters, sewers, storm drain  
13 appurtenances and culverts located within the area of work which will  
14 interfere with the facilities, at the permittee's expense. Permittee shall  
15 obtain consent of the owner of the interference for the removal or relocation  
16 and shall furnish to the City Engineer satisfactory evidence of all necessary  
17 arrangements for removal or relocation of the interference prior to the  
18 issuance of the permit.  
19

20 14.08.300 Basement appurtenances.

21 No person shall construct or place a freight elevator or windows for  
22 basement lighting in the sidewalk area back of the established curblines of  
23 the street; provided, however, that existing freight elevators and window  
24 lights may be repaired or replaced if, in the opinion of the City Engineer,  
25 such freight elevators and window lights do not constitute a hazard to the  
26 public.

27 //

28 //

1 14.08.310 Plans.

2 A. Plans shall be prepared for right-of-way improvements  
3 whenever, in the opinion of the City Engineer, such plans are necessary for  
4 the proper construction and supervision of the work.

5 B. When such plans are necessary, they may be prepared, at  
6 the option of the City Engineer, by a qualified licensed engineer employed  
7 by the applicant. Plans submitted by the licensed engineer must first be  
8 approved by the City Engineer before a permit is issued and work is  
9 started. The City Engineer may specify the type and quality of material on  
10 which the plans are drawn, the size of the sheets, the scale of the  
11 drawings, the size and wording of the title, the information to be shown on  
12 the plans, and all other details, including specifications, in connection  
13 therewith. All plans for the work shall become the property of the City and  
14 shall be filed in the office of the City Engineer. When the qualified licensed  
15 engineer submits the required plans, he/she shall pay to the City a  
16 processing fee in an amount prescribed by the City Council by resolution.

17  
18 14.08.320 Work stoppage authorized.

19 Whenever the City Engineer finds that any improvement or  
20 excavation is being constructed contrary to or in violation of this Code or if  
21 it comes to the attention of the City Engineer that any work under a permit  
22 is dangerous, unsafe or a menace to life, health or property, the City  
23 Engineer shall order the work to be immediately stopped or shall order the  
24 alteration of any dangerous or unsafe condition. Such order shall be in  
25 writing and shall specify the manner in which the work is dangerous,  
26 unsafe or a menace to life, health or property. After receipt of the order the  
27 permittee shall not continue with any improvement or excavation until the  
28 work has been made to comply with this Chapter and with the instructions

1 given by the City Engineer.  
2

3 ARTICLE IV. – EXCAVATIONS ADJACENT TO RIGHTS-OF-WAY

4 14.08.330 Public works permit—Additional terms and conditions.

5 Whenever a permit is required under Subsection 14.08.020.A.3 to  
6 excavate, occupy, or use any space below any public sidewalk, public  
7 street, or other right-of-way adjacent to private property for the purpose of  
8 facilitating the construction of a structure to be erected on such private  
9 property, a permit issued under this Chapter shall be subject to the  
10 following additional terms and conditions:

11 A. Permittee shall comply with any and all other requirements  
12 set forth in this Chapter.

13 B. Permittee shall retain a professional civil engineer registered  
14 in the State of California and legally qualified to locate property lines and  
15 reference structures to such property line to prepare a plan and profile  
16 drawing on twenty-four inch by thirty-six inch (24" x 36") sheet showing all  
17 installations, substructures, utilities, water works, drainage facilities and  
18 appurtenances between the property line and the centerline of the street or  
19 to such further line as may be identified by the City Engineer. The street  
20 profiles shall be shown using elevations in reference to the official City  
21 datum plane. The location of any substructure or underground utility  
22 between the curb and the property line shall be verified by spot excavation  
23 prior to completion of plans. Any other substructure which may be affected  
24 by the proposed excavation or construction shall also be verified by spot  
25 excavation.

26 C. Permittee shall comply with all standard procedures  
27 established by the City Engineer in connection with uses on rights-of-way  
28 adjacent to private property where a private structure will be constructed

1 with specific reference to the following uses:

2 1. Removal of a portion of the right-of-way adjacent to  
3 private property during a portion of the construction period; or

4 2. Constructing steel, concrete, or steel and concrete  
5 structures in rights-of-way for the purpose of providing lateral support for  
6 the right-of-way during the construction period and allowing these  
7 structures to remain in the right-of-way after completion of the building.

8  
9 14.08.340 Public works permit—Bond required.

10 In addition to the requirements set forth under Section 14.08.050, for  
11 excavations adjacent to the right-of-way, Permittee shall furnish a bond in  
12 an amount of one hundred and twenty-five percent (125%) of the total  
13 estimated cost of restoring the right-of-way to its original condition in the  
14 event of a failure of the lateral supports in the excavation site, as  
15 determined by the City Engineer. The bond may be a cash deposit,  
16 security equivalent to cash, or surety bond, provided in accordance with  
17 regulations issued by the City pursuant to Section 2.84.040.

18  
19 Section 11. Section 21.33.045 of the Long Beach Municipal Code is  
20 amended to read as follows:

21 21.33.045 Harbor Department review in IP district.

22 Projects proposed on property located in the IP district shall be  
23 subject to review by the Harbor Department pursuant to Section 18.04.040  
24 of the Municipal Code.

25  
26 Section 12. Section 21.45.400 of the Long Beach Municipal Code is  
27 amended to read as follows:

28 21.45.400 Green Building Standards for public and private development.

1           A.     A green building, also known as a sustainable building, is a  
2 structure that is designed, built, renovated, operated or reused in an  
3 ecological and resource-efficient manner. Green buildings are designed to  
4 meet certain objectives such as protecting occupant health; improving  
5 employee productivity; using energy, water and other resources more  
6 efficiently; and reducing the overall impact to the environment. The City of  
7 Long Beach recognizes the benefit of green buildings and establishes a  
8 green building program.

9           B.     The Leadership in Energy and Environmental Design (LEED)  
10 Green Building Rating System created by the U.S. Green Building Council  
11 (USGBC) is hereby established as the rating system the City shall use in  
12 administering the green building program. Alternative green building  
13 systems may be substituted, at the discretion of the Director of  
14 Development Services, if the system can be demonstrated to achieve a  
15 comparable standard of achievement as LEED.

16           C.     No building permit shall be issued for the types of projects  
17 specified in this Section unless the project meets the level of LEED  
18 performance specified in this Section. The Director of Development  
19 Services shall have the authority to issue a clearance for all projects  
20 subject to the provisions of this Section for LEED compliance. Issuance of  
21 clearance shall be based on procedures established by the Director of  
22 Development Services.

23           1.     The following types of projects shall meet the intent of  
24 LEED at the certified level:

25                   a.     A new residential or mixed use building of fifty  
26 (50) dwelling units and fifty thousand (50,000) gross square feet or more;

27                   b.     A new mixed use, or nonresidential building of  
28 fifty thousand (50,000) square feet or more of gross floor area;

1 c. The alteration of an existing residential or mixed  
2 use building that results in the addition of fifty (50) dwelling units and fifty  
3 thousand (50,000) gross square feet or more;

4 d. The alteration of an existing mixed use, or  
5 nonresidential building that results in the expansion of fifty thousand  
6 (50,000) gross square feet or more; and

7 e. A new construction or substantial rehabilitation  
8 project for which the City provides any portion of funding.

9 2. The following type(s) of projects shall obtain LEED  
10 silver certification:

11 a. A new building on City land consisting of seven  
12 thousand five hundred (7,500) square feet or more of gross floor area.

13 b. The alteration of an existing building on City  
14 land that results in the addition of seven thousand five hundred (7,500)  
15 square feet or more of new gross floor area;

16 D. A project may be registered with the USGBC to obtain the  
17 required LEED certification, or a project may be certified by a third party as  
18 meeting the intent of LEED at the level required by this Section.

19 E. Projects consisting of multiple buildings on one (1) or several  
20 lots shall be evaluated based on total gross floor area or number of  
21 dwelling units for the entire building footprint to determine applicability of  
22 this Section.

23 F. The Director of Development Services shall have the  
24 authority to determine if the provisions of this Section apply to a given  
25 project in cases of uncertainty.

26 G. Each project shall apply for compliance in whichever LEED  
27 rating system the Director of Development Services deems most suitable to  
28 the project type. The project shall use the version of the rating system in

1 effect at the time the project is submitted for a building permit unless the  
2 project developer has elected to register with the USGBC in which case the  
3 project may use the rating system version which was in effect at the time  
4 the project registered.

5 H. If a commitment to LEED gold or higher certification is made,  
6 the project may be eligible for flexibility in regard to certain development  
7 standards including, but not limited to, usable open space and off-street  
8 parking requirements, as determined by the Director of Development  
9 Services.

10 I. The following development standards shall apply to all  
11 projects requiring site plan review:

12 1. Canopy trees shall provide shade coverage, after five  
13 (5) years of growth, of forty percent (40%) of the total area dedicated to  
14 parking stalls and associated vehicular circulation, or paving materials with  
15 a solar reflectance index of at least twenty-nine (29) shall be used on a  
16 minimum of fifty percent (50%) of paving surfaces dedicated to parking  
17 stalls and associated vehicular circulation;

18 2. Bicycle parking shall be provided at a minimum of one  
19 (1) space for every five (5) residential units, one (1) space for each five  
20 thousand (5,000) square feet of commercial building area, one (1) space  
21 for each seven thousand five hundred (7,500) square feet of retail building  
22 area and one (1) space for each ten thousand (10,000) square feet of  
23 industrial building area. Fractions shall be rounded up to whole numbers;

24 3. Roofs shall be designed to be solar-ready subject to all  
25 applicable state and local construction codes and provide conduit from the  
26 electrical panel to the roof; and

27 4. A designated area for the collection of recyclables  
28 shall be provided adjacent to the area for the collection of waste.

1 Section 13. The Long Beach Municipal Code is amended by adding  
2 Chapter 14.44 to read as follows:

3 CHAPTER 14.44

4 TEMPORARY FENCING AND GRAPHIC SCREENING

5  
6 14.44.010 Purpose.

7 The provisions of this Chapter shall govern the erection of temporary  
8 fencing on public or private property during periods of construction  
9 impacting the public right-of-way. This Chapter establishes parameters for  
10 such fencing.

11  
12 14.44.020 Definitions.

13 For the purpose of this Chapter, unless the context clearly requires a  
14 different meaning, the words, terms and phrases set forth in this Section  
15 are defined as follows:

16 "City" means the City of Long Beach, California, acting by and through the  
17 City Council.

18  
19 "Development" means the division of a parcel of land into two (2) or more  
20 parcels; the construction, reconstruction, conversion, structural alteration,  
21 relocation or enlargement of any structure; any mining, excavation, landfill  
22 or land disturbance; or any use or extension of the use of land. This  
23 definition includes, but is not limited to subdivision pursuant to the  
24 Subdivision Map Act (commencing with Section 66410 of the California  
25 Government Code); any other division of land, including lot splits, except  
26 where the land division is brought about in connection with the purchase of  
27 the land by a public agency for public recreational use; change in the  
28 intensity of use of water, or of access thereto; construction, reconstruction,

1 demolition, or alteration of the size of any structure, including any facility of  
2 any private, public, or municipal utility; and the removal or harvesting of  
3 major vegetation other than for agricultural purposes, kelp harvesting, and  
4 timber operations which are in accordance with a timber harvesting plan  
5 submitted pursuant to the Z'berg-Nejedly Forest Practice Act of 1973  
6 (commencing with Section 4511 of the California Public Resources Code.)

7  
8 "Graphics" is defined as visual images communicating a cohesive theme or  
9 concept.

10  
11 "Person" means an individual, a receiver, a trustee, a co-partnership, a  
12 joint venture, a firm, an unincorporated association, a syndicate, a club, a  
13 society, a trust, a private corporation, a limited liability company, a public  
14 corporation, a municipal corporation, a County, a State, a national  
15 government, a municipal, County, State or federal agency, board or  
16 commission, a water district, a utility district, a political subdivision, a school  
17 district, a drainage, irrigation, levee, replenishment, reclamation or  
18 conservation district, and a flood control district, whether acting for  
19 himself/herself/itself or in any representative capacity.

20  
21 "Structure" means any of the following, including but not limited to, building,  
22 road, pipe, flume, conduit, siphon, aqueduct, telephone line, electrical  
23 power transmission, and distribution line.

24  
25 "Temporary fencing" is defined as any fencing or barrier installed for  
26 demolition, construction, or other purposes to protect a development site or  
27 shield a development site from view.

28 //

1 14.44.030 Permit required.

2 No person shall erect temporary fencing without first applying for  
3 and obtaining a permit from the City. The person requesting the permit  
4 shall submit all required items and pay all applicable permit fees. This  
5 includes:

6 A. Plan drawings clearly identifying the perimeter fencing  
7 dimensions, location, and impacts to the abutting rights-of-way.

8 B. Public Works permit shall be obtained for the purpose of  
9 street use of right-of-way.

10 C. Color renderings of the proposed graphics on a scaled  
11 drawing clearly identifying the location of each image.

12 D. Breakdown of the image area per the categories outlined in  
13 Section 14.44.040.

14  
15 14.44.040 Graphic screening.

16 All temporary fencing erected on public or private property shall be  
17 screened with graphics representative of the City and/or the development  
18 being screened in accordance with all of the following conditions:

19 A. One hundred percent (100%) of the fenced area must contain  
20 graphics.

21 B. A minimum of forty percent (40%) of the fenced area must  
22 contain City images.

23 C. Up to thirty-five percent (35%) of fenced area can contain  
24 project specific images.

25 D. Up to twenty-five (25%) of fenced area can contain advertising  
26 for the site such as but not limited to contact information for a broker,  
27 leasing agent, and/or opening dates.

28 E. The total square footage of fenced area shall be calculated by

1 multiplying the height of the fence by the length of perimeter fencing that  
2 requires graphic screening.

3 EXCEPTION: The following are exempt from the requirement of this Section:

4 1. A project that has a duration of less than six (6) months  
5 per the submitted and approved construction schedule.

6 2. Graphic screening is not required on temporary fencing  
7 that is fronting or facing an alley or other areas not visible to the general  
8 public as determined by the City.

9  
10 14.44.050 Maintenance.

11 All fencing and graphics shall be maintained in good condition.  
12 Damaged, torn, or faded fencing or graphic screening shall be replaced  
13 within five (5) days.

14  
15 Section 14. The Long Beach Municipal Code is amended by adding  
16 Chapter 14.48 to read as follows:

17 CHAPTER 14.48

18 ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY

19  
20 14.48.010 Purpose.

21 The provisions of this Chapter shall govern the encroachment of  
22 structures or a portion of a building into the public right-of-way. This  
23 Chapter establishes parameters for such encroachments not only at grade  
24 but also above and below grade.

25  
26 14.48.020 Definitions.

27 For the purpose of this Chapter, unless the context clearly requires a  
28 different meaning, the words, terms and phrases set forth in this Section are

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defined as follows:

"Applicant" means any person who applies for a permit under this Chapter.

"City" means the City of Long Beach, California, acting by and through the City Council.

"Contractor" means a person who, for a fixed sum, price, fee percentage or compensation other than wages, undertakes or offers to undertake or purports to have the capacity to construct, alter, repair, add to, improve or install surface improvements to streets or any part thereof, or makes or commences to make any excavation in or under the surface of any right-of-way for the installation, repair, or removal of any pipe, conduit, duct or tunnel or any other construction purpose in the right-of-way.

"Development" means the division of a parcel of land into two (2) or more parcels; the construction, reconstruction, conversion, structural alteration, relocation or enlargement of any structure; any mining, excavation, landfill or land disturbance; or any use or extension of the use of land. This definition includes, but is not limited to subdivision pursuant to the Subdivision Map Act (commencing with Section 66410 of the Government Code); any other division of land, including lot splits, except where the land division is brought about in connection with the purchase of the land by a public agency for public recreational use; change in the intensity of use of water, or of access thereto; construction, reconstruction, demolition, or alteration of the size of any structure, including any facility of any private, public, or municipal utility; and the removal or harvesting of major vegetation other than for agricultural purposes, kelp harvesting, and timber operations which are in accordance with a timber harvesting plan submitted

1 pursuant to the Z'berg-Nejedly Forest Practice Act of 1973 (commencing  
2 with Section 4511 of the California Public Resources Code.)

3  
4 "Improvements" means the repair, modification, alteration, removal, or  
5 addition of facilities including, but not limited to, grading, paving, curbs,  
6 gutters, sidewalks, driveways, landscaping, street lighting, traffic signals,  
7 stairs, fences, walls, and any other work in the right-of-way.

8  
9 "Installation and Maintenance Agreement" or "IMA" means the document  
10 required to formalize a binding agreement between an applicant and the  
11 City when work is being completed within the right-of-way that is not in  
12 compliance with or is outside of the City standards. The applicant is  
13 required to install and maintain the improvement for the duration of the  
14 agreement. This includes improvements such as artwork, decorative  
15 paving, or other objects. An improvement permit may not be issued until  
16 the IMA is executed.

17  
18 "Permit" means the document issued to an applicant by the City under this  
19 Chapter and includes any amendment or supplement to any such permit.

20  
21 "Permittee" means any person to whom a permit has been granted and  
22 issued under the terms of this Chapter.

23  
24 "Person" means an individual, a receiver, a trustee, a co-partnership, a  
25 joint venture, a firm, an unincorporated association, a syndicate, a club, a  
26 society, a trust, a private corporation, a limited liability company, a public  
27 corporation, a municipal corporation, a County, a State, a national  
28 government, a municipal, County, State or federal agency, board or

1 commission, a water district, a utility district, a political subdivision, a school  
2 district, a drainage, irrigation, levee, replenishment, reclamation or  
3 conservation district, and a flood control district, whether acting for  
4 himself/herself/itself or in any representative capacity.

5  
6 "Right-of-way" means any easement or land owned by the City and used or  
7 designated for use as a street, parkway, alley, utility corridor, walkway,  
8 promenade, or bike path, and the surfaces thereof, and the airspace above  
9 such surfaces and the subsurface area below such surfaces and includes  
10 any right-of-way to be dedicated in the future.

11  
12 "Structure" means any of the following, including but not limited to, building,  
13 road, pipe, flume, conduit, siphon, aqueduct, telephone line, electrical  
14 power transmission, and distribution line.

15  
16 14.48.030 Encroachments below grade.

17 A portion of a building or structure erected below grade that is  
18 necessary for structural support of the building or structure shall not project  
19 beyond the lot line, except that the footings, shoring devices, or other  
20 similar supports as determined by the City shall not project more than  
21 twelve (12) inches beyond the lot line. Encroachments below grade may be  
22 subject to fees as outlined in Chapter 14.08.

23  
24 14.48.040 Encroachments above grade.

25 A. Encroachments into the public right-of-way above grade and  
26 below eight feet (8') in height are prohibited. This includes, but is not  
27 limited to, any doors, windows, gates and other moveable objects that can  
28 open, project or encroach into the public right-of-way. All existing

1 encroachments into a street or alley must be remedied as part of a new  
2 development.

3 EXCEPTIONS: The following existing openings, projections or  
4 encroachments into a public right-of-way that cannot feasibly be modified  
5 as part of a new development may be permitted provided a warning device  
6 or other similar protection measure approved by the City is installed to  
7 minimize impact to the public. All improvements within the public right-of-  
8 way shall comply with City standards.

9 1. Existing fenestrations.

10 2. Existing steps, ramps, or architectural features that are  
11 in a sidewalk.

12 B. Encroachments into the public right-of-way above eight feet  
13 (8') in height above a sidewalk are allowed for awnings, canopies, signs,  
14 architectural features, balconies, and windows. These improvements can  
15 encroach over the property line one (1) inch for each additional one inch  
16 (1") of clearance above eight feet (8'). The maximum encroachment shall  
17 be four feet (4') at a minimum clearance height of twelve feet (12').

18 C. Encroachments into the public right-of-way above seventeen  
19 feet (17' )in height above a sidewalk or alley are allowed for pedestrian  
20 walkways and bridges. The maximum encroachment shall be four feet (4')  
21 unless they span the entire length of the public right-of-way to connect  
22 adjacent private parcels.

23 D. Encroachments into the public right-of-way above seventeen  
24 feet (17') in height are allowed for lighting and other uses approved by the  
25 City.

26  
27 14.48.050 Permits required.

28 All encroachments into the public right-of-way shall applying for and

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obtaining a permit from the City. The person requesting the permit shall submit all required items and pay all applicable permit fees. This include plan drawings clearly identifying the encroachment and applicable dimensions with reference to the property line and public infrastructure within abutting public right-of-way.

Section 15. The Long Beach Municipal Code is amended by repealing Chapters 8.59 and 14.32.

Section 16. The City Clerk shall certify to the passage of this ordinance by the City Council and shall cause it to be posted in three (3) conspicuous places in the City of Long Beach, and it shall take effect on the thirty-first (31<sup>st</sup>) day after it is approved by the Mayor, but in no event prior to January 1, 2020.

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OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
411 West Ocean Boulevard, 9th Floor  
Long Beach, CA 90802

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I hereby certify that the foregoing ordinance was adopted by the City Council of the City of Long Beach at its meeting of \_\_\_\_\_, 20\_\_, by the following vote:

Ayes: Councilmembers: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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Noes: Councilmembers: \_\_\_\_\_

\_\_\_\_\_

Absent: Councilmembers: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
City Clerk

Approved: \_\_\_\_\_  
(Date)

\_\_\_\_\_  
Mayor

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LONG BEACH ADOPTING AND MAKING EXPRESS FINDINGS AND DETERMINATIONS RELATING TO THE ENACTMENT OF ADMINISTRATIVE AMENDMENTS, AND, WHERE APPROPRIATE, MORE RESTRICTIVE BUILDING STANDARDS CODE PROVISIONS THAN THOSE OF THE CALIFORNIA BUILDING CODE, CALIFORNIA RESIDENTIAL CODE, CALIFORNIA ELECTRICAL CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA MECHANICAL CODE, UNIFORM HOUSING CODE, CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA FIRE CODE, CALIFORNIA EXISTING BUILDING CODE, AND CALIFORNIA HISTORICAL BUILDING CODE; FINDING THAT SAID AMENDMENTS AND MODIFICATIONS TO THE CODES ARE REASONABLY NECESSARY BECAUSE OF THE LOCAL CLIMATIC, GEOLOGICAL OR TOPOGRAPHICAL CONDITIONS EXISTING IN LONG BEACH; AND INSTRUCTING THE DIRECTOR OF DEVELOPMENT SERVICES AND THE FIRE CHIEF TO TRANSMIT SAID FINDINGS AND DETERMINATIONS TO THE CALIFORNIA BUILDING STANDARDS COMMISSIONS, THE CALIFORNIA HOUSING AND COMMUNITY DEVELOPMENT DEPARTMENT AND THE STATE HISTORICAL BUILDING SAFETY BOARD IN ACCORDANCE WITH SECTIONS 17958.7, 18941.5 AND 18959 OF THE CALIFORNIA HEALTH AND SAFETY CODE

OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
411 West Ocean Boulevard, 9th Floor  
Lana Beach, CA 90802

1           WHEREAS, Sections 17922, 17950, 17958, and 18938(b) of the California  
2 Health and Safety Code requires the City of Long Beach to adopt the California Building  
3 Standards Code adopted pursuant to the provisions of Chapter 4 of Part 2.5 of Division  
4 13 of the California Health and Safety Code and the 1997 Edition of the Uniform Housing  
5 Code adopted pursuant to the California Code of Regulations, Title 25, Division 1,  
6 Chapter 1, Subchapter 1, Article 5, Section 32, as the City of Long Beach Building  
7 Standards Code; and

8           WHEREAS, Section 13143.5(a) of the California Health and Safety Code  
9 provides, in pertinent part, as follows:

10           "...any city, county, or city and county may, by ordinance, make changes or  
11 modifications that are more stringent than the requirements published in the California  
12 Building Standards Code relating to fire and panic safety and the other regulations  
13 adopted pursuant to this part. Any changes or modifications that are more stringent than  
14 the requirements published in the California Building Standards Code relating to fire and  
15 panic safety shall be subject to subdivision (b) of Section 18941.5."

16           WHEREAS, Section 17958.5 of the California Health and Safety Code  
17 provides, in pertinent part, as follows:

18           "...a city or county may make those changes or modifications in the requirements  
19 contained in the provisions published in the California Building Standards Code and the  
20 other regulations adopted pursuant to Section 17922, including, but not limited to, green  
21 building standards, as it determines, pursuant to the provisions of Section 17958.7, are  
22 reasonably necessary..."; and

23           WHEREAS, Section 17958.7 of the California Health and Safety Code  
24 provides, in pertinent part, as follows:

25           "...before making any modifications or changes pursuant to Section  
26 17958.5, shall make an express finding that such modifications or changes are  
27 reasonably necessary because of local climatic, geologic or topographic conditions...";  
28 and

1           WHEREAS, Section 18941.5(b) of the California Health and Safety Code  
2 provides, in pertinent part, as follows:

3           “Neither the State Building Standards Law contained in this part, nor the  
4 application of building standards contained in this section, shall limit the authority of a  
5 city, county, or city and county to establish more restrictive building standards, including,  
6 but not limited to, green building standards, reasonably necessary because of local  
7 climatic, geological, or topographical conditions.”

8           WHEREAS, Section 18959(f) of the California Health and Safety Code  
9 provides, in pertinent part, as follows:

10          “When administering and enforcing this part, each local agency may make  
11 changes or modifications in the requirements contained in the California Historical  
12 Building Code, as described in Section 18944.7, as it determines are reasonably  
13 necessary because of local climatic, geological, seismic, and topographical conditions.”

14          WHEREAS, the City of Long Beach is traversed by the Newport-Inglewood  
15 Fault System, is near the San Andreas Fault, and is surrounded by other earthquake  
16 faults; and

17          WHEREAS, the Newport-Inglewood Fault System is a right lateral, local  
18 reverse slip type of faulting, approximately 75 km in length extending from Culver City to  
19 the north to Costa Mesa to the south of the City, has a slip rate of 0.6 mm/yr with a  
20 probable magnitude of 6.0 to 7.2, and is generally considered a major Southern California  
21 earthquake fault which may experience rupture at any time; and

22          WHEREAS, the City is located by the International Building Code in  
23 Seismic Design Category D, E or F, and the International Residential Code in Seismic  
24 Design Category D2 or E, which is considered by experts to be one of the most active  
25 seismic regions in the world; and

26          WHEREAS, the Northridge Earthquake that occurred on January 17, 1994,  
27 was only a moderate Richter Magnitude 6.8 earthquake, yet caused damage in the Los  
28 Angeles Basin area to more than 115,000 buildings and the vacation of 21,000 residential

1 units including 2,000 homes; and

2 WHEREAS, there were 57 persons who lost their lives in this earthquake,  
3 but there could have been several thousand more casualties, if the earthquake had  
4 occurred at midday during the workweek when most buildings would be occupied instead  
5 of at 4:31 a.m. on a holiday; and

6 WHEREAS, seismic experts report a significantly high probability for a  
7 larger earthquake occurring in the greater Los Angeles Basin area within the next 30  
8 years; and

9 WHEREAS, unusually large earthquakes cause extraordinary stresses on  
10 buildings and structures and Fire Department resources which require more stringent  
11 building and fire life-safety regulations than would otherwise be required; and

12 WHEREAS, the City requires the extra margin of safety due to the  
13 necessity of providing on site fire protection in a seismic emergency when Fire  
14 Department resources could be greatly delayed or overwhelmed; and

15 WHEREAS, the Northridge Earthquake provided valuable insight into the  
16 vulnerabilities of some building systems, designs and materials to the unanticipated level  
17 of damage; and

18 WHEREAS, the City, in cooperation with other major jurisdictions within the  
19 region, are continuing efforts to protect the community from the hazards of future  
20 earthquakes through the Los Angeles Regional Uniform Code Program (LARUCP) which  
21 creates uniformity of building regulations adopted by the cities and county of the Los  
22 Angeles region; and

23 WHEREAS, the California Building Code, California Residential Code,  
24 California Fire Code, California Existing Building Code, and California Historical Building  
25 Code has not yet fully addressed the lessons learned from the Northridge Earthquake;  
26 and

27 WHEREAS, the Legislature of the State of California has in Sections 65302,  
28 65560, and 65800 of the California Government Code conferred upon local governments

1 the authority to adopt regulations designed to promote the public health, safety, and  
2 general welfare of its citizenry; and

3 WHEREAS, a portion of the City are within or near flood-prone areas that  
4 are capable of maximizing public and private losses during times of flooding in specified  
5 flood hazard areas; and

6 WHEREAS, the City is located within the Los Angeles Basin, one of the  
7 most polluted metropolitan areas and one of the most heavily modified watersheds in the  
8 nation, with a climate system capable of producing major winds, fire and rain related  
9 disasters and is a densely populated area having residential and nonresidential buildings  
10 constructed within a region where environmental resources are scarce; and

11 WHEREAS, the City is located within a Mediterranean, semi-arid climate  
12 system that produces warm dry summers and cool wet winters and thus receives  
13 approximately 13 inches of rain water per year on average; and

14 WHEREAS, the City is impacted by impermeable layer of clay that lies  
15 between the City's surface and the groundwater basin underneath the City, preventing  
16 precipitations that falls locally from replenishing the basin; and

17 WHEREAS, the City's groundwater pumping activities meets only half of the  
18 water demand of five hundred thousand Long Beach residents; and

19 WHEREAS, in February 2010, the Long Beach City Council adopted a  
20 Sustainable City Action Plan, which includes initiatives, goals and actions to create a  
21 more sustainable Long Beach, and specifically calls out goals for green building and  
22 sustainable development, urban nature, waste reduction, and water and energy  
23 conservation.

24 NOW, THEREFORE, in order to provide adequate protection under the  
25 unique local climatic, geologic and topographic conditions set forth above, the City of  
26 Long Beach makes the following findings and determinations relative to the adoption of  
27 administrative amendments, and where appropriate, the adoption of more restrictive  
28 Building Standards Code provisions than those of the California Building Code, California

1 Residential Code, California Electrical Code, California Plumbing Code, California  
2 Mechanical Code, Uniform Housing Code, California Green Building Standards Code,  
3 California Fire Code, California Existing Building Code and California Historical Building  
4 Code:

5 Section 1. Findings and determinations relative to the adoption of  
6 administrative amendments to the 2019 Edition of the California Building Standards  
7 Code, Title 24 of the California Code of Regulations:

8 Chapters 18.01 thru 18.30 and 18.60 thru 18.99 – Amendment is necessary for  
9 local administrative clarification, does not modify a Building Standard as defined in  
10 Section 18909(c) of the California Health and Safety Code, and does not require the  
11 express findings and determination required by Sections 17958, 17958.5 and 17958.7 of  
12 the California Health and Safety Code.

13 Section 2. Findings and determinations relative to the adoption of  
14 administrative amendments, and where appropriate, the adoption of more restrictive  
15 Building Standards Code provisions amendments to the 2019 Edition of the California  
16 Building Code, Part 2, Title 24 of the California Code of Regulations:

17 Section 18.40.010 – Amendment is necessary for local administrative clarification,  
18 does not modify a Building Standard as defined in Section 18909(c) of the California  
19 Health and Safety Code, and does not require the express findings and determination  
20 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
21 Code. Amendment is necessary on the basis of a local topographic condition. The City of  
22 Long Beach is a densely populated city having buildings and structures constructed  
23 within or near flood-prone areas that are capable of maximizing public and private losses  
24 during times of flooding in specified flood hazard areas. The proposed amendment  
25 makes modification and changes to better limit personal injury and property damage  
26 during times of flooding and to establish criteria for the design and construction of  
27 buildings and structures or repair of damaged property before and following a local  
28 emergency. Therefore, it needs to be incorporated into the Code to assure that new

1 buildings and structures and additions or alterations to existing buildings or structures are  
2 designed and constructed in accordance with the scope and objectives of the California  
3 Building Code, California Residential Code and Long Beach Municipal Code.

4 Section 18.40.020 – Amendment is necessary for local administrative clarification,  
5 does not modify a Building Standard as defined in Section 18909(c) of the California  
6 Health and Safety Code, and does not require the express findings and determination  
7 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
8 Code.

9 Section 18.40.030 – Amendment is necessary on the basis of a local geologic and  
10 climatic condition. The City of Long Beach is a densely populated city having buildings  
11 and structures constructed over or near a vast array of fault traces resulting from the  
12 active Newport-Inglewood fault system that is capable of producing a major earthquake  
13 and within a climate system capable of producing major winds, fire and rain related  
14 disasters, including but not limited to those caused by the Santa Ana winds and El Nino  
15 (or La Nina) subtropical-like weather. The City is further impacted by construction of  
16 buildings and structures utilizing traditional construction materials that impact the amount  
17 of energy, air quality, greenhouse gas emission and construction waste in the area. The  
18 proposed amendment to address structural designs specific to intermodal shipping  
19 containers, reduce environmental impact of unused and unrecycled intermodal shipping  
20 containers, and increase sustainability by reducing consumption of traditional  
21 construction materials are intended to better limit personal injury and property damage as  
22 a result of geologic and climatic activity and therefore need to be incorporated into the  
23 Code to assure that new buildings and structures and additions or alterations to existing  
24 buildings or structures are designed and constructed in accordance with the scope and  
25 objectives of the California Building Code.

26 Section 18.40.040 – Amendment is necessary for local administrative clarification,  
27 does not modify a Building Standard as defined in Section 18909(c) of the California  
28 Health and Safety Code, and does not require the express findings and determination

1 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
2 Code.

3 Section 18.40.050 – Amendment is necessary on the basis of a local geologic  
4 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
5 determined by the International Building Code, and in Seismic Design Categories D2 or E  
6 as determined by the International Residential Code, which are considered by experts to  
7 be one of the most active seismic regions in the world. The proposed amendment  
8 requires an automatic sprinkler system to be installed throughout a building ensure that a  
9 reasonable margin of safety is provided due to the necessity of providing on site fire  
10 protection in a seismic emergency when fire department resources could be greatly  
11 delayed and overwhelmed and therefore need to be incorporated into the Code to assure  
12 that new buildings and structures and additions or alterations to existing buildings or  
13 structures are designed and constructed in accordance with the scope and objectives of  
14 the California Building Code.

15 Section 18.40.060 – Amendment is necessary for local administrative clarification,  
16 does not modify a Building Standard as defined in Section 18909(c) of the California  
17 Health and Safety Code, and does not require the express findings and determination  
18 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
19 Code.

20 Section 18.40.070 – Amendment is necessary on the basis of a local geologic  
21 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
22 determined by the International Building Code, and in Seismic Design Categories D2 or E  
23 as determined by the International Residential Code, which are considered by experts to  
24 be one of the most active seismic regions in the world. The proposed amendment to  
25 require an automatic sprinkler system ensures that a reasonable margin of safety is  
26 provided due to the necessity of providing on site fire protection in a seismic emergency  
27 when fire department resources could be greatly delayed and overwhelmed and therefore  
28 need to be incorporated into the Code to assure that new buildings and structures and

1 additions or alterations to existing buildings or structures are designed and constructed in  
2 accordance with the scope and objectives of the California Building Code.

3 Section 18.40.080 – Amendment is necessary on the basis of a local geologic  
4 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
5 determined by the International Building Code, and in Seismic Design Categories D2 or E  
6 as determined by the International Residential Code, which are considered by experts to  
7 be one of the most active seismic regions in the world. The proposed amendment to  
8 require an automatic sprinkler system ensures that a reasonable margin of safety is  
9 provided due to the necessity of providing on site fire protection in a seismic emergency  
10 when fire department resources could be greatly delayed and overwhelmed and therefore  
11 need to be incorporated into the Code to assure that new buildings and structures and  
12 additions or alterations to existing buildings or structures are designed and constructed in  
13 accordance with the scope and objectives of the California Building Code.

14 Section 18.40.090 – Amendment is necessary on the basis of a local geologic  
15 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
16 determined by the International Building Code, and in Seismic Design Categories D2 or E  
17 as determined by the International Residential Code, which are considered by experts to  
18 be one of the most active seismic regions in the world. The proposed amendment to  
19 require a safety factor for hydraulic calculation ensures that a reasonable margin of  
20 safety is provided due to the necessity of providing on site fire protection in a seismic  
21 emergency when fire department resources could be greatly delayed and overwhelmed  
22 and therefore need to be incorporated into the Code to assure that new buildings and  
23 structures and additions or alterations to existing buildings or structures are designed and  
24 constructed in accordance with the scope and objectives of the California Building Code.

25 Sections 18.40.100 to 18.40.110 – Amendment is necessary for local  
26 administrative clarification, does not modify a Building Standard as defined in Section  
27 18909(c) of the California Health and Safety Code, and does not require the express  
28 findings and determination required by Sections 17958, 17958.5 and 17958.7 of the

1 California Health and Safety Code.

2 Section 18.40.120 – Amendment is necessary on the basis of a local geologic  
3 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
4 determined by the International Building Code, and in Seismic Design Categories D2 or E  
5 as determined by the International Residential Code, which are considered by experts to  
6 be one of the most active seismic regions in the world. The proposed amendment to  
7 specify requirements for alarm devices ensures that a reasonable margin of safety is  
8 provided due to the necessity of providing on site fire protection in a seismic emergency  
9 when fire department resources could be greatly delayed and overwhelmed and therefore  
10 need to be incorporated into the Code to assure that new buildings and structures and  
11 additions or alterations to existing buildings or structures are designed and constructed in  
12 accordance with the scope and objectives of the California Fire Code.

13 Section 18.40.130 – Amendment is necessary for local administrative clarification,  
14 does not modify a Building Standard as defined in Section 18909(c) of the California  
15 Health and Safety Code, and does not require the express findings and determination  
16 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
17 Code.

18 Section 18.40.140 – Amendment is necessary on the basis of a local geologic  
19 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
20 determined by the International Building Code, and in Seismic Design Categories D2 or E  
21 as determined by the International Residential Code, which are considered by experts to  
22 be one of the most active seismic regions in the world. The proposed amendment  
23 requires a higher psi design at the discharge to ensure that a reasonable margin of safety  
24 is provided due to the necessity of providing on site fire protection in a seismic  
25 emergency when fire department resources could be greatly delayed and overwhelmed  
26 and therefore need to be incorporated into the Code to assure that new buildings and  
27 structures and additions or alterations to existing buildings or structures are designed and  
28 constructed in accordance with the scope and objectives of the California Fire Code.

1 Sections 18.40.150 to 18.40.170 – Amendment is necessary for local  
2 administrative clarification, does not modify a Building Standard as defined in Section  
3 18909(c) of the California Health and Safety Code, and does not require the express  
4 findings and determination required by Sections 17958, 17958.5 and 17958.7 of the  
5 California Health and Safety Code.

6 Section 18.40.180 – Amendment is necessary on the basis of a local geologic  
7 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
8 determined by the International Building Code, and in Seismic Design Categories D2 or E  
9 as determined by the International Residential Code, which are considered by experts to  
10 be one of the most active seismic regions in the world. The proposed amendment to  
11 require fire alarms ensures that a reasonable margin of safety is provided due to the  
12 necessity of providing on site fire protection in a seismic emergency when fire department  
13 resources could be greatly delayed and overwhelmed and therefore need to be  
14 incorporated into the Code to assure that new buildings and structures and additions or  
15 alterations to existing buildings or structures are designed and constructed in accordance  
16 with the scope and objectives of the California Fire Code.

17 Section 18.40.190 – Amendment is necessary on the basis of a local geologic  
18 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
19 determined by the International Building Code, and in Seismic Design Categories D2 or E  
20 as determined by the International Residential Code, which are considered by experts to  
21 be one of the most active seismic regions in the world. The proposed amendment to  
22 require smoke removal systems ensures that a reasonable margin of safety is provided  
23 due to the necessity of providing on site fire protection in a seismic emergency when fire  
24 department resources could be greatly delayed and overwhelmed and therefore need to  
25 be incorporated into the Code to assure that new buildings and structures and additions  
26 or alterations to existing buildings or structures are designed and constructed in  
27 accordance with the scope and objectives of the California Fire Code.

28 Sections 18.40.200 to 18.40.210 – Amendment is necessary for local

1 administrative clarification, does not modify a Building Standard as defined in Section  
2 18909(c) of the California Health and Safety Code, and does not require the express  
3 findings and determination required by Sections 17958, 17958.5 and 17958.7 of the  
4 California Health and Safety Code.

5 Section 18.40.220 – Amendment is necessary on the basis of a local geologic  
6 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
7 determined by the International Building Code, and in Seismic Design Categories D2 or E  
8 as determined by the International Residential Code, which are considered by experts to  
9 be one of the most active seismic regions in the world. The proposed amendment to  
10 specify requirements for fire department connection ensures that a reasonable margin of  
11 safety is provided due to the necessity of providing on site fire protection in a seismic  
12 emergency when fire department resources could be greatly delayed and overwhelmed  
13 and therefore need to be incorporated into the Code to assure that new buildings and  
14 structures and additions or alterations to existing buildings or structures are designed and  
15 constructed in accordance with the scope and objectives of the California Fire Code.

16 Sections 18.40.230 to 18.40.260 – Amendment is necessary for local  
17 administrative clarification, does not modify a Building Standard as defined in Section  
18 18909(c) of the California Health and Safety Code, and does not require the express  
19 findings and determination required by Sections 17958, 17958.5 and 17958.7 of the  
20 California Health and Safety Code.

21 Section 18.40.270 – Amendment is necessary on the basis of a local geologic  
22 condition. The City of Long Beach is a densely populated city having buildings and  
23 structures constructed over or near a vast array of fault traces resulting from the active  
24 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
25 proposed amendment to require concrete and clay tiles to be installed over solid  
26 sheathing boards is intended to better limit personal injury and property damage as a  
27 result of seismic activity and therefore need to be incorporated into the Code to assure  
28 that new buildings and structures and additions or alterations to existing buildings or

1 structures are designed and constructed in accordance with the scope and objectives of  
2 the California Building Code.

3 Section 18.40.280 – Amendment is necessary on the basis of a local topographic  
4 condition. The City of Long Beach is a densely populated city having buildings and  
5 structures constructed within or near flood-prone areas that are capable of maximizing  
6 public and private losses during times of flooding in specified flood hazard areas. The  
7 proposed amendment makes modification and changes to better limit personal injury and  
8 property damage during times of flooding and to establish criteria for the design and  
9 construction of buildings and structures or repair of damaged property before and  
10 following a local emergency. Therefore, it needs to be incorporated into the Code to  
11 assure that new buildings and structures and additions or alterations to existing buildings  
12 or structures are designed and constructed in accordance with the scope and objectives  
13 of the California Building Code, California Residential Code and Long Beach Municipal  
14 Code.

15 Section 18.40.290 – Amendment is necessary for local administrative clarification,  
16 does not modify a Building Standard as defined in Section 18909(c) of the California  
17 Health and Safety Code, and does not require the express findings and determination  
18 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
19 Code. The proposed amendment makes minor editorial changes to reflect the  
20 appropriate reference to the City's Municipal Code for flood related inspections and  
21 therefore needs to be incorporated into the Code to assure that new buildings and  
22 structures and additions or alterations to existing buildings or structures are designed and  
23 constructed in accordance with the scope and objectives of the California Building Code.

24 Section 18.40.300 – Amendment is necessary on the basis of a local geologic  
25 condition. The City of Long Beach is a densely populated city having buildings and  
26 structures constructed over or near a vast array of fault traces resulting from the active  
27 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
28 proposed amendment to limit mixed structural systems to two stories is intended to

1 improve quality of construction by reducing potential damages that may result from  
2 vertical irregularities of the structural system in buildings subject to high seismic load to  
3 better limit personal injury and property damage as a result of geologic activity and  
4 therefore needs to be incorporated into the Code to assure that new buildings and  
5 structures and additions or alterations to existing buildings or structures are designed and  
6 constructed in accordance with the scope and objectives of the California Building Code.

7 Section 18.40.310 – Amendment is necessary on the basis of a local geologic  
8 condition. The City of Long Beach is a densely populated city having buildings and  
9 structures constructed over or near a vast array of fault traces resulting from the active  
10 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
11 proposed amendment to limit mixed structural systems to two stories is intended to  
12 improve quality of construction by reducing potential damages that may result from  
13 vertical irregularities of the structural system in buildings subject to high seismic load to  
14 better limit personal injury and property damage as a result of geologic activity and  
15 therefore needs to be incorporated into the Code to assure that new buildings and  
16 structures and additions or alterations to existing buildings or structures are designed and  
17 constructed in accordance with the scope and objectives of the California Building Code.

18 Section 18.40.320 – Amendment is necessary on the basis of a local geologic  
19 condition. The City of Long Beach is a densely populated city having buildings and  
20 structures constructed over or near a vast array of fault traces resulting from the active  
21 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
22 proposed amendment to require special anchorage of the diaphragm to the wall and limit  
23 the allowable shear will address special needs for concrete and masonry construction  
24 with flexible wood diaphragms the amendment makes modification and changes to better  
25 limit personal injury and property damage as a result of seismic activity and therefore  
26 needs to be incorporated into the Code to assure that new buildings and structures and  
27 additions or alterations to existing buildings or structures are designed and constructed in  
28 accordance with the scope and objectives of the California Building Code.

1           Sections 18.40.330 – Amendment is necessary on the basis of a local geologic  
2 condition. The City of Long Beach is a densely populated city having buildings and  
3 structures constructed over or near a vast array of fault traces resulting from the active  
4 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
5 proposed amendment requiring safe design and construction requirements for ceiling  
6 suspension systems to resist seismic loads is intended to minimize the amount of  
7 damage within a building and along the path of the means of egress to better limit  
8 personal injury and property damage as a result of geologic activity and therefore needs  
9 to be incorporated into the Code to assure that new buildings and structures and  
10 additions or alterations to existing buildings or structures are designed and constructed in  
11 accordance with the scope and objectives of the California Building Code.

12           Section 18.40.340 – Amendment is necessary on the basis of a local geologic  
13 condition. The City of Long Beach is a densely populated city having buildings and  
14 structures constructed over or near a vast array of fault traces resulting from the active  
15 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
16 proposed amendment to require the registered design professional in responsible charge  
17 of the structural design to observe the construction will help ensure that an acceptable  
18 standard of workmanship is provided, will improve the quality of the observation to better  
19 limit personal injury and property damage as a result of geologic activity. Therefore, it  
20 needs to be incorporated into the Code to assure that new buildings and structures and  
21 additions or alterations to existing buildings or structures are designed and constructed in  
22 accordance with the scope and objectives of the California Building Code.

23           Section 18.40.350 – Amendment is necessary on the basis of a local geologic  
24 condition. The City of Long Beach is a densely populated city having buildings and  
25 structures constructed over or near a vast array of fault traces resulting from the active  
26 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
27 proposed amendment to require the registered design professional in responsible charge  
28 for the structural design to observe the construction will help ensure acceptable

1 standards of workmanship is provide, to improve the quality of the observation to better  
2 limit personal injury and property damage as a result of geologic activity and therefore  
3 need to be incorporated into the Code to assure that new buildings and structures and  
4 additions or alterations to existing buildings or structures are designed and constructed in  
5 accordance with the scope and objectives of the California Building Code.

6 Section 18.40.360 – Amendment is necessary on the basis of a local geologic  
7 condition. The City of Long Beach is a densely populated city having buildings and  
8 structures constructed over or near a vast array of fault traces resulting from the active  
9 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
10 proposed amendment ensures better performance of building or structure by requiring  
11 special inspection for concrete with a compressive strength greater than 2,500 pounds  
12 per square inch to better limit personal injury and property damage as a result of geologic  
13 activity and therefore need to be incorporated into the Code to assure that new buildings  
14 and structures and additions or alterations to existing buildings or structures are designed  
15 and constructed in accordance with the scope and objectives of the California Building  
16 Code.

17 Section 18.40.370 – Amendment is necessary on the basis of a local geologic  
18 condition. The City of Long Beach is a densely populated city having buildings and  
19 structures constructed over or near a vast array of fault traces resulting from the active  
20 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
21 proposed amendment to exclude structures assigned to Seismic Design Category D, E or  
22 F from being exempt from requiring special inspections will improve quality assurance  
23 and ensures better performance of buildings or structures to better limit personal injury  
24 and property damage as a result of geologic activity and therefore need to be  
25 incorporated into the Code to assure that new buildings and structures and additions or  
26 alterations to existing buildings or structures are designed and constructed in accordance  
27 with the scope and objectives of the California Building Code.

28 Section 18.40.380 – Amendment is necessary for local administrative clarification,

1 does not modify a Building Standard as defined in Section 18909(c) of the California  
2 Health and Safety Code, and does not require the express findings and determination  
3 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
4 Code.

5       Sections 18.40.390 – Amendment is necessary on the basis of a local geologic  
6 and climatic conditions. The City of Long Beach is a densely populated city having  
7 buildings and structures constructed over or near a vast array of fault traces resulting  
8 from the active Newport-Inglewood fault system that is capable of producing a major  
9 earthquake. The City of Long Beach is a densely populated city having buildings and  
10 structures constructed within a climate system capable of producing major winds, fire and  
11 rain related disasters, including but not limited to those caused by the Santa Ana winds  
12 and El Nino (or La Nina) subtropical-like weather. The proposed amendment takes the  
13 precautionary steps to reduce or eliminate potential problems that may result in using  
14 wood foundation systems that experience relatively rapid decay due to the fact that the  
15 region does not experience temperatures cold enough to destroy or retard the growth and  
16 proliferation of wood-destroying organisms to better limit personal injury and property  
17 damage as a result of geologic activity and therefore need to be incorporated into the  
18 Code to assure that new buildings and structures and additions or alterations to existing  
19 buildings or structures are designed and constructed in accordance with the scope and  
20 objectives of the California Building Code.

21       Section 18.40.400 – Amendment is necessary on the basis of a local geologic  
22 condition. The City of Long Beach is a densely populated city having buildings and  
23 structures constructed over or near a vast array of fault traces resulting from the active  
24 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
25 proposed amendment to reduce or eliminate potential problems that may result by  
26 following prescriptive design provisions that does not take into consideration the  
27 surrounding environment to better limit personal injury and property damage as a result  
28 of geologic activity and therefore need to be incorporated into the Code to assure that

1 new buildings and structures and additions or alterations to existing buildings or  
2 structures are designed and constructed in accordance with the scope and objectives of  
3 the California Building Code.

4 Section 18.40.410 – Amendment is necessary on the basis of a local geologic and  
5 climatic conditions. The City of Long Beach is a densely populated city having buildings  
6 and structures constructed over or near a vast array of fault traces resulting from the  
7 active Newport-Inglewood fault system that is capable of producing a major earthquake.  
8 The City of Long Beach is a densely populated city having buildings and structures  
9 constructed within a climate system capable of producing major winds, fire and rain  
10 related disasters, including but not limited to those caused by the Santa Ana winds and El  
11 Nino (or La Nina) subtropical-like weather. The proposed amendment prohibit the use of  
12 wood foundation systems as well as limit prescriptive design provisions in an effort to  
13 mitigate potential problems or deficiencies due to the proliferation of wood-destroying  
14 organism to better limit personal injury and property damage as a result of geologic  
15 activity and therefore need to be incorporated into the Code to assure that new buildings  
16 and structures and additions or alterations to existing buildings or structures are designed  
17 and constructed in accordance with the scope and objectives of the California Building  
18 Code.

19 Section 18.40.420 – Amendment is necessary on the basis of a local geologic and  
20 climatic conditions. The City of Long Beach is a densely populated city having buildings  
21 and structures constructed over or near a vast array of fault traces resulting from the  
22 active Newport-Inglewood fault system that is capable of producing a major earthquake.  
23 The City of Long Beach is a densely populated city having buildings and structures  
24 constructed within a climate system capable of producing major winds, fire and rain  
25 related disasters, including but not limited to those caused by the Santa Ana winds and El  
26 Nino (or La Nina) subtropical-like weather. The proposed amendment takes the  
27 precautionary steps to reduce or eliminate potential problems that may result in using  
28 wood foundation systems that experience relatively rapid decay due to the fact that the

1 region does not experience temperatures cold enough to destroy or retard the growth and  
2 proliferation of wood-destroying organisms to better limit personal injury and property  
3 damage as a result of geologic activity and therefore need to be incorporated into the  
4 Code to assure that new buildings and structures and additions or alterations to existing  
5 buildings or structures are designed and constructed in accordance with the scope and  
6 objectives of the California Building Code.

7 Section 18.40.430 – Amendment is necessary on the basis of a local geologic  
8 condition. The City of Long Beach is a densely populated city having buildings and  
9 structures constructed over or near a vast array of fault traces resulting from the active  
10 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
11 proposed amendment to reduce or eliminate potential problems that may result for under  
12 reinforced footings located on sloped surfaces to better limit personal injury and property  
13 damage as a result of geologic activity and therefore need to be incorporated into the  
14 Code to assure that new buildings and structures and additions or alterations to existing  
15 buildings or structures are designed and constructed in accordance with the scope and  
16 objectives of the California Building Code.

17 Section 18.40.440 – Amendment is necessary on the basis of a local geologic  
18 condition. The City of Long Beach is a densely populated city having buildings and  
19 structures constructed over or near a vast array of fault traces resulting from the active  
20 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
21 proposed amendment to address the problem of poor performance of plain or under-  
22 reinforced footings to better limit personal injury and property damage as a result of  
23 geologic activity and therefore need to be incorporated into the Code to assure that new  
24 buildings and structures and additions or alterations to existing buildings or structures are  
25 designed and constructed in accordance with the scope and objectives of the California  
26 Building Code.

27 Sections 18.40.450 – Amendment is necessary on the basis of a local geologic  
28 and climatic condition. The City of Long Beach is a densely populated city having

1 buildings and structures constructed over or near a vast array of fault traces resulting  
2 from the active Newport-Inglewood fault system that is capable of producing a major  
3 earthquake and constructed within a climate system capable of producing major winds,  
4 fire and rain related disasters, including but not limited to those caused by the Santa Ana  
5 winds and El Nino (or La Nina) subtropical-like weather. The proposed amendment takes  
6 the precautionary steps to reduce or eliminate potential problems that may result by using  
7 timber footings that experience relatively rapid decay due to the fact that the region does  
8 not experience temperatures cold enough to destroy or retard the growth and proliferation  
9 of wood-destroying organisms to better limit personal injury and property damage as a  
10 result of geologic activity and therefore need to be incorporated into the Code to assure  
11 that new buildings and structures and additions or alterations to existing buildings or  
12 structures are designed and constructed in accordance with the scope and objectives of  
13 the California Building Code.

14 Section 18.40.460 – Amendment is necessary on the basis of a local geologic and  
15 climatic condition. The City of Long Beach is a densely populated city having buildings  
16 and structures constructed over or near a vast array of fault traces resulting from the  
17 active Newport-Inglewood fault system that is capable of producing a major earthquake  
18 and within a climate system capable of producing major winds, fire and rain related  
19 disasters, including but not limited to those caused by the Santa Ana winds and El Nino  
20 (or La Nina) subtropical-like weather. The proposed amendment takes the precautionary  
21 steps to reduce or eliminate potential problems that may result by using timber footings  
22 that experience relatively rapid decay due to the fact that the region does not experience  
23 temperatures cold enough to destroy or retard the growth and proliferation of wood-  
24 destroying organisms to better limit personal injury and property damage as a result of  
25 geologic activity and therefore needs to be incorporated into the Code to assure that new  
26 buildings and structures and additions or alterations to existing buildings or structures are  
27 designed and constructed in accordance with the scope and objectives of the California  
28 Building Code.

1 Section 18.40.470 – Amendment is necessary on the basis of a local geologic  
2 condition. The City of Long Beach is a densely populated city having buildings and  
3 structures constructed over or near a vast array of fault traces resulting from the active  
4 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
5 proposed amendment requires minimum reinforcement to address the problem of poor  
6 performance of plain or under-reinforced footings to better limit personal injury and  
7 property damage as a result of geologic activity and therefore needs to be incorporated  
8 into the Code to assure that new buildings and structures and additions or alterations to  
9 existing buildings or structures are designed and constructed in accordance with the  
10 scope and objectives of the California Building Code.

11 Section 18.40.480 – Amendment is necessary on the basis of a local geologic  
12 condition. The City of Long Beach is a densely populated city having buildings and  
13 structures constructed over or near a vast array of fault traces resulting from the active  
14 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
15 proposed amendment to increase confinement in critical columns, limiting the use of  
16 highly gravity loaded walls, and increase concrete coverage in thin slabs are intended to  
17 prevent failure of the structure and to better limit personal injury and property damage as  
18 a result of geologic activity and therefore needs to be incorporated into the Code to  
19 assure that new buildings and structures and additions or alterations to existing buildings  
20 or structures are designed and constructed in accordance with the scope and objectives  
21 of the California Building Code.

22 Section 18.40.490 – Amendment is necessary on the basis of a local geologic  
23 condition. The City of Long Beach is a densely populated city having buildings and  
24 structures constructed over or near a vast array of fault traces. The proposed  
25 amendment limit the use of staple fasteners in resisting or transferring seismic forces to  
26 better limit personal injury and property damage as a result of seismic activity and  
27 therefore need to be incorporated into the Code to assure that new buildings and  
28 structures and additions or alterations to existing buildings or structures are designed and

1 constructed in accordance with the scope and objectives of the California Building Code.

2 Section 18.40.500 – Amendment is necessary on the basis of a local geologic  
3 condition. The City of Long Beach is a densely populated city having buildings and  
4 structures constructed over or near a vast array of fault traces resulting from the active  
5 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
6 proposed amendment limits or prohibits the shear value of overdriven nails or the use of  
7 box and clipped head nails to better limit personal injury and property damage as a result  
8 of geologic activity and therefore need to be incorporated into the Code to assure that  
9 new buildings and structures and additions or alterations to existing buildings or  
10 structures are designed and constructed in accordance with the scope and objectives of  
11 the California Building Code.

12 Sections 18.40.510 – Amendment is necessary on the basis of a local geologic  
13 and climatic condition. The City of Long Beach is a densely populated city having  
14 buildings and structures constructed over or near a vast array of fault traces resulting  
15 from the active Newport-Inglewood fault system that is capable of producing a major  
16 earthquake and within a climate system capable of producing major winds, fire and rain  
17 related disasters, including but not limited to those caused by the Santa Ana winds and El  
18 Nino (or La Nina) subtropical-like weather. The proposed amendment to reduce or  
19 eliminate potential problems that may result by using wood in retaining or crib walls that  
20 experience relatively rapid decay due to the fact that the region does not experience  
21 temperatures cold enough to destroy or retard the growth and proliferation of wood-  
22 destroying organisms to better limit personal injury and property damage as a result of  
23 geologic activity and therefore needs to be incorporated into the Code to assure that new  
24 buildings and structures and additions or alterations to existing buildings or structures are  
25 designed and constructed in accordance with the scope and objectives of the California  
26 Building Code.

27 Section 18.40.520 – Amendment is necessary on the basis of a local geologic  
28 condition. The City of Long Beach is a densely populated city having buildings and

1 structures constructed over or near a vast array of fault traces resulting from the active  
2 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
3 proposed amendment limits the allowable capacity of hold-downs to 75% of the  
4 acceptance report value to provide an additional factor of safety for statically tested  
5 anchorage devices to better limit personal injury and property damage as a result of  
6 geologic activity and therefore need to be incorporated into the Code to assure that new  
7 buildings and structures and additions or alterations to existing buildings or structures are  
8 designed and constructed in accordance with the scope and objectives of the California  
9 Building Code.

10 Section 18.40.530 – Amendment is necessary on the basis of a local geologic  
11 condition. The City of Long Beach is a densely populated city having buildings and  
12 structures constructed over or near a vast array of fault traces resulting from the active  
13 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
14 proposed amendment reduces allowable shear values in wood structural panel shear  
15 walls or diaphragms that were not substantiated by cyclic testing to better limit personal  
16 injury and property damage as a result of geologic activity and therefore need to be  
17 incorporated into the Code to assure that new buildings and structures and additions or  
18 alterations to existing buildings or structures are designed and constructed in accordance  
19 with the scope and objectives of the California Building Code.

20 Sections 18.40.540 – Amendment is necessary on the basis of a local geologic  
21 condition. The City of Long Beach is a densely populated city having buildings and  
22 structures constructed over or near a vast array of fault traces resulting from the active  
23 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
24 proposed amendment reduces allowable shear values in wood structural panel shear  
25 walls or diaphragms that were not substantiated by cyclic testing to better limit personal  
26 injury and property damage as a result of geologic activity and therefore need to be  
27 incorporated into the Code to assure that new buildings and structures and additions or  
28 alterations to existing buildings or structures are designed and constructed in accordance

1 with the scope and objectives of the California Building Code.

2 Section 18.40.550 – Amendment is necessary on the basis of a local geologic  
3 condition. The City of Long Beach is a densely populated city having buildings and  
4 structures constructed over or near a vast array of fault traces resulting from the active  
5 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
6 proposed amendment reduces allowable shear values in wood structural panel shear  
7 walls or diaphragms that were not substantiated by cyclic testing to better limit personal  
8 injury and property damage as a result of geologic activity and therefore need to be  
9 incorporated into the Code to assure that new buildings and structures and additions or  
10 alterations to existing buildings or structures are designed and constructed in accordance  
11 with the scope and objectives of the California Building Code.

12 Section 18.40.560 – Amendment is necessary on the basis of a local geologic  
13 condition. The City of Long Beach is a densely populated city having buildings and  
14 structures constructed over or near a vast array of fault traces resulting from the active  
15 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
16 proposed amendment specifies minimum sheathing thickness and nail size and spacing  
17 so as to provide a uniform standard of construction for designers and builders to better  
18 limit personal injury and property damage as a result of seismic activity and therefore  
19 need to be incorporated into the Code to assure that new buildings and structures and  
20 additions or alterations to existing buildings or structures are designed and constructed in  
21 accordance with the scope and objectives of the California Building Code.

22 Section 18.40.570 – Amendment is necessary on the basis of a local geologic  
23 condition. The City of Long Beach is a densely populated city having buildings and  
24 structures constructed over or near a vast array of fault traces resulting from the active  
25 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
26 proposed amendment specifies minimum sheathing thickness and nail size and spacing  
27 so as to provide a uniform standard of construction for designers and builders to better  
28 limit personal injury and property damage as a result of seismic activity and therefore

1 need to be incorporated into the Code to assure that new buildings and structures and  
2 additions or alterations to existing buildings or structures are designed and constructed in  
3 accordance with the scope and objectives of the California Building Code.

4 Section 18.40.580 – Amendment is necessary on the basis of a local geologic  
5 condition. The City of Long Beach is a densely populated city having buildings and  
6 structures constructed over or near a vast array of fault traces resulting from the active  
7 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
8 proposed amendment specifies minimum sheathing thickness and nail size and spacing  
9 so as to provide a uniform standard of construction for designers and builders to better  
10 limit personal injury and property damage as a result of seismic activity and therefore  
11 need to be incorporated into the Code to assure that new buildings and structures and  
12 additions or alterations to existing buildings or structures are designed and constructed in  
13 accordance with the scope and objectives of the California Building Code.

14 Section 18.40.590 – Amendment is necessary on the basis of a local geologic  
15 condition. The City of Long Beach is a densely populated city having buildings and  
16 structures constructed over or near a vast array of fault traces resulting from the active  
17 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
18 proposed amendment limits the use of the exception provisions to structures assigned to  
19 Seismic Design Category A, B or C where lower seismic demands are expected and  
20 requires interior braced walls be supported by continuous foundations to better limit  
21 personal injury and property damage as a result of geologic activity and therefore need to  
22 be incorporated into the Code to assure that new buildings and structures and additions  
23 or alterations to existing buildings or structures are designed and constructed in  
24 accordance with the scope and objectives of the California Building Code.

25 Section 18.40.600 – Amendment is necessary on the basis of a local geologic  
26 condition. The City of Long Beach is a densely populated city having buildings and  
27 structures constructed over or near a vast array of fault traces. The proposed  
28 amendment limit the use of staple fasteners in resisting or transferring seismic forces to

1 better limit personal injury and property damage as a result of seismic activity and  
2 therefore need to be incorporated into the Code to assure that new buildings and  
3 structures and additions or alterations to existing buildings or structures are designed and  
4 constructed in accordance with the scope and objectives of the California Building Code.

5 Section 18.40.610 – Amendment is necessary for local administrative clarification,  
6 does not modify a Building Standard as defined in Section 18909(c) of the California  
7 Health and Safety Code, and does not require the express findings and determination  
8 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
9 Code.

10 Section 18.40.620 – Amendment is necessary on the basis of a local geologic and  
11 climatic condition. The City of Long Beach is a densely populated city having buildings  
12 and structures constructed over or near a vast array of fault traces resulting from the  
13 active Newport-Inglewood fault system that is capable of producing a major earthquake  
14 and within a climate system capable of producing major winds, fire and rain related  
15 disasters, including but not limited to those caused by the Santa Ana winds and El Nino  
16 (or La Nina) subtropical-like weather. The City is further impacted by construction of  
17 buildings and structures utilizing tradition construction materials that impact the amount of  
18 energy, air quality, greenhouse gas emission and construction waste in the area. The  
19 proposed amendment to address structural designs specific to intermodal shipping  
20 containers, reduce environmental impact of unused and unrecycled intermodal shipping  
21 containers, and increase sustainability by reducing consumption of traditional  
22 construction materials are intended to better limit personal injury and property damage as  
23 a result of geologic and climatic activity and therefore need to be incorporated into the  
24 Code to assure that new buildings and structures and additions or alterations to existing  
25 buildings or structures are designed and constructed in accordance with the scope and  
26 objectives of the California Building Code.

27 Section 18.40.630 – Amendment is necessary on the basis of a local geologic and  
28 climatic condition. The City of Long Beach is a densely populated city having buildings

1 and structures constructed over or near a vast array of fault traces resulting from the  
2 active Newport-Inglewood fault system that is capable of producing a major earthquake  
3 and within a climate system capable of producing major winds, fire and rain related  
4 disasters, including but not limited to those caused by the Santa Ana winds and El Nino  
5 (or La Nina) subtropical-like weather. The City is further impacted by construction of  
6 buildings and structures utilizing tradition construction materials that impact the amount of  
7 energy, air quality, greenhouse gas emission and construction waste in the area. The  
8 proposed amendment to address structural designs specific to intermodal shipping  
9 containers, reduce environmental impact of unused and unrecycled intermodal shipping  
10 containers, and increase sustainability by reducing consumption of traditional  
11 construction materials are intended to better limit personal injury and property damage as  
12 a result of geologic and climatic activity and therefore need to be incorporated into the  
13 Code to assure that new buildings and structures and additions or alterations to existing  
14 buildings or structures are designed and constructed in accordance with the scope and  
15 objectives of the California Building Code.

16 Section 18.40.640 – Amendment is necessary on the basis of a local geologic and  
17 climatic condition. The City of Long Beach is a densely populated city having buildings  
18 and structures constructed over or near a vast array of fault traces resulting from the  
19 active Newport-Inglewood fault system that is capable of producing a major earthquake  
20 and within a climate system capable of producing major winds, fire and rain related  
21 disasters, including but not limited to those caused by the Santa Ana winds and El Nino  
22 (or La Nina) subtropical-like weather. The City is further impacted by construction of  
23 buildings and structures utilizing tradition construction materials that impact the amount of  
24 energy, air quality, greenhouse gas emission and construction waste in the area. The  
25 proposed amendment to address structural designs specific to intermodal shipping  
26 containers, reduce environmental impact of unused and unrecycled intermodal shipping  
27 containers, and increase sustainability by reducing consumption of traditional  
28 construction materials are intended to better limit personal injury and property damage as

1 a result of geologic and climatic activity and therefore need to be incorporated into the  
2 Code to assure that new buildings and structures and additions or alterations to existing  
3 buildings or structures are designed and constructed in accordance with the scope and  
4 objectives of the California Building Code.

5 Section 18.40.650 – Amendment is necessary for local administrative clarification,  
6 does not modify a Building Standard as defined in Section 18909(c) of the California  
7 Health and Safety Code, and does not require the express findings and determination  
8 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
9 Code. The proposed amendment clarifies that any new construction, substantial  
10 improvement of existing buildings or structures, or repair of existing buildings or  
11 structures that have sustained substantial damage in flood hazard areas, are subject to  
12 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
13 be incorporated into the Code to assure that new buildings and structures and additions  
14 or alterations to existing buildings or structures are designed and constructed in  
15 accordance with the scope and objectives of the California Building Code, California  
16 Residential Code, and Long Beach Municipal Code.

17 Section 18.40.660 – Amendment is necessary for local administrative clarification,  
18 does not modify a Building Standard as defined in Section 18909(c) of the California  
19 Health and Safety Code, and does not require the express findings and determination  
20 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
21 Code. The proposed amendment clarifies that any new construction, substantial  
22 improvement of existing buildings or structures, or repair of existing buildings or  
23 structures that have sustained substantial damage in flood hazard areas, are subject to  
24 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
25 be incorporated into the Code to assure that new buildings and structures and additions  
26 or alterations to existing buildings or structures are designed and constructed in  
27 accordance with the scope and objectives of the California Building Code, California  
28 Residential Code, and Long Beach Municipal Code.

1 Section 18.40.670 – Amendment is necessary for local administrative clarification,  
2 does not modify a Building Standard as defined in Section 18909(c) of the California  
3 Health and Safety Code, and does not require the express findings and determination  
4 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
5 Code. The proposed amendment clarifies that any new construction, substantial  
6 improvement of existing buildings or structures, or repair of existing buildings or  
7 structures that have sustained substantial damage in flood hazard areas, are subject to  
8 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
9 be incorporated into the Code to assure that new buildings and structures and additions  
10 or alterations to existing buildings or structures are designed and constructed in  
11 accordance with the scope and objectives of the California Building Code, California  
12 Residential Code, and Long Beach Municipal Code.

13 Section 18.40.680 – Amendment is necessary for local administrative clarification,  
14 does not modify a Building Standard as defined in Section 18909(c) of the California  
15 Health and Safety Code, and does not require the express findings and determination  
16 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
17 Code. The proposed amendment clarifies that any new construction, substantial  
18 improvement of existing buildings or structures, or repair of existing buildings or  
19 structures that have sustained substantial damage in flood hazard areas, are subject to  
20 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
21 be incorporated into the Code to assure that new buildings and structures and additions  
22 or alterations to existing buildings or structures are designed and constructed in  
23 accordance with the scope and objectives of the California Building Code, California  
24 Residential Code, and Long Beach Municipal Code.

25 Section 18.40.690 – Amendment is necessary for local administrative clarification,  
26 does not modify a Building Standard as defined in Section 18909(c) of the California  
27 Health and Safety Code, and does not require the express findings and determination  
28 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety

1 Code. The proposed amendment clarifies that any new construction, substantial  
2 improvement of existing buildings or structures, or repair of existing buildings or  
3 structures that have sustained substantial damage in flood hazard areas, are subject to  
4 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
5 be incorporated into the Code to assure that new buildings and structures and additions  
6 or alterations to existing buildings or structures are designed and constructed in  
7 accordance with the scope and objectives of the California Building Code, California  
8 Residential Code, and Long Beach Municipal Code.

9 Section 18.40.700 – Amendment is necessary on the basis of a local topographic  
10 condition. The City of Long Beach is a densely populated city having buildings and  
11 structures constructed within or near flood-prone areas that are capable of maximizing  
12 public and private losses during times of flooding in specified flood hazard areas. The  
13 proposed amendment makes modification and changes to better limit personal injury and  
14 property damage during times of flooding and to establish criteria for the design and  
15 construction of buildings and structures or repair of damaged property before and  
16 following a local emergency. Therefore, it needs to be incorporated into the Code to  
17 assure that new buildings and structures and additions or alterations to existing buildings  
18 or structures are designed and constructed in accordance with the scope and objectives  
19 of the California Building Code, California Residential Code and Long Beach Municipal  
20 Code.

21 Section 18.40.710 – Amendment is necessary for local administrative clarification,  
22 does not modify a Building Standard as defined in Section 18909(c) of the California  
23 Health and Safety Code, and does not require the express findings and determination  
24 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
25 Code. The proposed amendment clarifies that any new construction, substantial  
26 improvement of existing buildings or structures, or repair of existing buildings or  
27 structures that have sustained substantial damage in flood hazard areas, are subject to  
28 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to

1 be incorporated into the Code to assure that new buildings and structures and additions  
2 or alterations to existing buildings or structures are designed and constructed in  
3 accordance with the scope and objectives of the California Building Code, California  
4 Residential Code, and Long Beach Municipal Code.

5 Section 18.40.720 – Amendment is necessary for local administrative clarification,  
6 does not modify a Building Standard as defined in Section 18909(c) of the California  
7 Health and Safety Code, and does not require the express findings and determination  
8 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
9 Code. The proposed amendment clarifies that any new construction, substantial  
10 improvement of existing buildings or structures, or repair of existing buildings or  
11 structures that have sustained substantial damage in flood hazard areas, are subject to  
12 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
13 be incorporated into the Code to assure that new buildings and structures and additions  
14 or alterations to existing buildings or structures are designed and constructed in  
15 accordance with the scope and objectives of the California Building Code, California  
16 Residential Code, and Long Beach Municipal Code.

17 Section 18.40.730 – Amendment is necessary for local administrative clarification,  
18 does not modify a Building Standard as defined in Section 18909(c) of the California  
19 Health and Safety Code, and does not require the express findings and determination  
20 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
21 Code. The proposed amendment clarifies that any new construction, substantial  
22 improvement of existing buildings or structures, or repair of existing buildings or  
23 structures that have sustained substantial damage in flood hazard areas, are subject to  
24 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
25 be incorporated into the Code to assure that new buildings and structures and additions  
26 or alterations to existing buildings or structures are designed and constructed in  
27 accordance with the scope and objectives of the California Building Code, California  
28 Residential Code, and Long Beach Municipal Code.

1 Section 18.40.740 – Amendment is necessary for local administrative clarification,  
2 does not modify a Building Standard as defined in Section 18909(c) of the California  
3 Health and Safety Code, and does not require the express findings and determination  
4 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
5 Code. The proposed amendment clarifies that any new construction, substantial  
6 improvement of existing buildings or structures, or repair of existing buildings or  
7 structures that have sustained substantial damage in flood hazard areas, are subject to  
8 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
9 be incorporated into the Code to assure that new buildings and structures and additions  
10 or alterations to existing buildings or structures are designed and constructed in  
11 accordance with the scope and objectives of the California Building Code, California  
12 Residential Code, and Long Beach Municipal Code.

13 Section 18.40.750 – Amendment is necessary for local administrative clarification,  
14 does not modify a Building Standard as defined in Section 18909(c) of the California  
15 Health and Safety Code, and does not require the express findings and determination  
16 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
17 Code. The proposed amendment clarifies that any new construction, substantial  
18 improvement of existing buildings or structures, or repair of existing buildings or  
19 structures that have sustained substantial damage in flood hazard areas, are subject to  
20 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
21 be incorporated into the Code to assure that new buildings and structures and additions  
22 or alterations to existing buildings or structures are designed and constructed in  
23 accordance with the scope and objectives of the California Building Code, California  
24 Residential Code, and Long Beach Municipal Code.

25 Section 18.40.760 – Amendment is necessary for local administrative clarification,  
26 does not modify a Building Standard as defined in Section 18909(c) of the California  
27 Health and Safety Code, and does not require the express findings and determination  
28 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety

1 Code. The proposed amendment clarifies that any new construction, substantial  
2 improvement of existing buildings or structures, or repair of existing buildings or  
3 structures that have sustained substantial damage in flood hazard areas, are subject to  
4 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
5 be incorporated into the Code to assure that new buildings and structures and additions  
6 or alterations to existing buildings or structures are designed and constructed in  
7 accordance with the scope and objectives of the California Building Code, California  
8 Residential Code, and Long Beach Municipal Code.

9 Section 18.40.770 – Amendment is necessary for local administrative clarification,  
10 does not modify a Building Standard as defined in Section 18909(c) of the California  
11 Health and Safety Code, and does not require the express findings and determination  
12 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
13 Code. The proposed amendment clarifies that any new construction, substantial  
14 improvement of existing buildings or structures, or repair of existing buildings or  
15 structures that have sustained substantial damage in flood hazard areas, are subject to  
16 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
17 be incorporated into the Code to assure that new buildings and structures and additions  
18 or alterations to existing buildings or structures are designed and constructed in  
19 accordance with the scope and objectives of the California Building Code, California  
20 Residential Code, and Long Beach Municipal Code.

21 Section 18.40.780 – Amendment is necessary for local administrative clarification,  
22 does not modify a Building Standard as defined in Section 18909(c) of the California  
23 Health and Safety Code, and does not require the express findings and determination  
24 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
25 Code. The proposed amendment clarifies that any new construction, substantial  
26 improvement of existing buildings or structures, or repair of existing buildings or  
27 structures that have sustained substantial damage in flood hazard areas, are subject to  
28 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to

1 be incorporated into the Code to assure that new buildings and structures and additions  
2 or alterations to existing buildings or structures are designed and constructed in  
3 accordance with the scope and objectives of the California Building Code, California  
4 Residential Code, and Long Beach Municipal Code.

5 Section 18.40.790 – Amendment is necessary for local administrative clarification,  
6 does not modify a Building Standard as defined in Section 18909(c) of the California  
7 Health and Safety Code, and does not require the express findings and determination  
8 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
9 Code. The proposed amendment clarifies that any new construction, substantial  
10 improvement of existing buildings or structures, or repair of existing buildings or  
11 structures that have sustained substantial damage in flood hazard areas, are subject to  
12 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
13 be incorporated into the Code to assure that new buildings and structures and additions  
14 or alterations to existing buildings or structures are designed and constructed in  
15 accordance with the scope and objectives of the California Building Code, California  
16 Residential Code, and Long Beach Municipal Code.

17 Section 18.40.800 – Amendment is necessary for local administrative clarification,  
18 does not modify a Building Standard as defined in Section 18909(c) of the California  
19 Health and Safety Code, and does not require the express findings and determination  
20 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
21 Code. The proposed amendment clarifies that any new construction, substantial  
22 improvement of existing buildings or structures, or repair of existing buildings or  
23 structures that have sustained substantial damage in flood hazard areas, are subject to  
24 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
25 be incorporated into the Code to assure that new buildings and structures and additions  
26 or alterations to existing buildings or structures are designed and constructed in  
27 accordance with the scope and objectives of the California Building Code, California  
28 Residential Code, and Long Beach Municipal Code.

1 Section 18.40.810 – Amendment is necessary for local administrative clarification,  
2 does not modify a Building Standard as defined in Section 18909(c) of the California  
3 Health and Safety Code, and does not require the express findings and determination  
4 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
5 Code. The proposed amendment clarifies that any new construction, substantial  
6 improvement of existing buildings or structures, or repair of existing buildings or  
7 structures that have sustained substantial damage in flood hazard areas, are subject to  
8 the requirement of Section 1612 and Appendix G or Section R322 and therefore need to  
9 be incorporated into the Code to assure that new buildings and structures and additions  
10 or alterations to existing buildings or structures are designed and constructed in  
11 accordance with the scope and objectives of the California Building Code, California  
12 Residential Code, and Long Beach Municipal Code.

13 Section 3. Findings and determinations relative to the adoption of  
14 administrative amendments, and where appropriate, the adoption of more restrictive  
15 Building Standards Code provisions amendments to the 2019 Edition of the California  
16 Residential Code, Part 2.5, Title 24 of the California Code of Regulations:

17 Sections 18.41.010 – Amendment is necessary for local administrative  
18 clarification, does not modify a Building Standard as defined in Section 18909(c) of the  
19 California Health and Safety Code, and does not require the express findings and  
20 determination required by Sections 17958, 17958.5 and 17958.7 of the California Health  
21 and Safety Code. Amendment is necessary on the basis of a local geologic condition.  
22 The City of Long Beach is a densely populated city having buildings and structures  
23 constructed over or near a vast array of fault traces resulting from the active Newport-  
24 Inglewood fault system that is capable of producing a major earthquake. The proposed  
25 amendment to prohibit the use of strawbale construction is intended to reduce or  
26 eliminate potential damages that may result from the prescriptive design of brittle and  
27 non-ductile buildings and structures that are subject to high seismic load to better limit  
28 personal injury and property damage as a result of geologic activity and therefore need to

1 be incorporated into the Code to assure that new buildings and structures and additions  
2 or alterations to existing buildings or structures are designed and constructed in  
3 accordance with the scope and objectives of the California Residential Code and Long  
4 Beach Municipal Code.

5 Section 18.41.020 – Amendment is necessary for local administrative clarification,  
6 does not modify a Building Standard as defined in Section 18909(c) of the California  
7 Health and Safety Code, and does not require the express findings and determination  
8 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
9 Code.

10 Section 18.41.030 – Amendment is necessary on the basis of a local geologic  
11 condition. The City of Long Beach is a densely populated city having buildings and  
12 structures constructed over or near a vast array of fault traces resulting from the active  
13 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
14 proposed amendment requires a registered design professional to prepare construction  
15 documents that minimizes or reduces structural deficiencies that may cause excessive  
16 damage or injuries in wood frame buildings and therefore needs to be incorporated into  
17 the Code to assure that new buildings and structures and additions or alterations to  
18 existing buildings or structures are designed and constructed in accordance with the  
19 scope and objectives of the California Residential Code.

20 Section 18.41.040 – Amendment is necessary for local administrative clarification,  
21 does not modify a Building Standard as defined in Section 18909(c) of the California  
22 Health and Safety Code, and does not require the express findings and determination  
23 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
24 Code.

25 Section 18.41.050 – Amendment is necessary on the basis of a local geologic  
26 condition. The City of Long Beach is a densely populated city having buildings and  
27 structures constructed over or near a vast array of fault traces resulting from the active  
28 Newport-Inglewood fault system that is capable of producing a major earthquake. The

1 proposed amendment reduces or eliminates potential problems that may result by limiting  
2 the type of irregular conditions to better limit personal injury and property damage as a  
3 result of geologic activity and therefore needs to be incorporated into the Code to assure  
4 that new buildings and structures and additions or alterations to existing buildings or  
5 structures are designed and constructed in accordance with the scope and objectives of  
6 the California Residential Code.

7 Section 18.41.060 – Amendment is necessary on the basis of a local geologic  
8 condition. The City of Long Beach is a densely populated city having buildings and  
9 structures constructed over or near a vast array of fault traces resulting from the active  
10 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
11 proposed amendment places limit on the equipment weight before requiring the structural  
12 member supporting the weight to be designed by a registered design professional that  
13 better limit personal injury and property damage as a result of geologic activity and  
14 therefore needs to be incorporated into the Code to assure that new buildings and  
15 structures and additions or alterations to existing buildings or structures are designed and  
16 constructed in accordance with the scope and objectives of the California Residential  
17 Code.

18 Section 18.41.070 – Amendment is necessary for local administrative clarification,  
19 does not modify a Building Standard as defined in Section 18909(c) of the California  
20 Health and Safety Code, and does not require the express findings and determination  
21 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
22 Code.

23 Section 18.41.080 – Amendment is necessary on the basis of a local geologic and  
24 climatic condition. The City of Long Beach is a densely populated city having buildings  
25 and structures constructed over or near a vast array of fault traces resulting from the  
26 active Newport-Inglewood fault system that is capable of producing a major earthquake  
27 and within a climate system capable of producing major winds, fire and rain related  
28 disasters, including but not limited to those caused by the Santa Ana winds and El Nino

1 (or La Nina) subtropical-like weather. The proposed amendment prohibits the use of  
2 wood foundation to better limit personal injury and property damage as a result of  
3 geologic and climatic activity and therefore needs to be incorporated into the Code to  
4 assure that new buildings and structures and additions or alterations to existing buildings  
5 or structures are designed and constructed in accordance with the scope and objectives  
6 of the California Residential Code.

7 Section 18.41.090 – Amendment is necessary on the basis of a local geologic  
8 condition. The City of Long Beach is a densely populated city having buildings and  
9 structures constructed over or near a vast array of fault traces resulting from the active  
10 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
11 proposed amendment requires minimum reinforcement for stepped footings to better limit  
12 personal injury and property damage as a result of geologic activity and therefore needs  
13 to be incorporated into the Code to assure that new buildings and structures and  
14 additions or alterations to existing buildings or structures are designed and constructed in  
15 accordance with the scope and objectives of the California Residential Code.

16 Section 18.41.100 – Amendment is necessary on the basis of a local geologic  
17 condition. The City of Long Beach is a densely populated city having buildings and  
18 structures constructed over or near a vast array of fault traces resulting from the active  
19 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
20 proposed amendment requires interior braced walls to be supported by continuous  
21 foundations to better limit personal injury and property damage as a result of geologic  
22 activity and therefore needs to be incorporated into the Code to assure that new buildings  
23 and structures and additions or alterations to existing buildings or structures are designed  
24 and constructed in accordance with the scope and objectives of the California Residential  
25 Code.

26 Section 18.41.110 – Amendment is necessary on the basis of a local geologic  
27 condition. The City of Long Beach is a densely populated city having buildings and  
28 structures constructed over or near a vast array of fault traces resulting from the active

1 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
2 proposed amendment to reduce or eliminate potential problems that may result for under  
3 reinforced footings located on sloped surfaces to better limit personal injury and property  
4 damage as a result of geologic activity and therefore need to be incorporated into the  
5 Code to assure that new buildings and structures and additions or alterations to existing  
6 buildings or structures are designed and constructed in accordance with the scope and  
7 objectives of the California Residential Code.

8 Section 18.41.120 – Amendment is necessary on the basis of a local geologic and  
9 climatic condition. The City of Long Beach is a densely populated city having buildings  
10 and structures constructed over or near a vast array of fault traces resulting from the  
11 active Newport-Inglewood fault system that is capable of producing a major earthquake  
12 and within a climate system capable of producing major winds, fire and rain related  
13 disasters, including but not limited to those caused by the Santa Ana winds and El Nino  
14 (or La Nina) subtropical-like weather. The proposed amendment prohibits the use of  
15 wood foundation walls to better limit personal injury and property damage as a result of  
16 geologic and climatic activity and therefore needs to be incorporated into the Code to  
17 assure that new buildings and structures and additions or alterations to existing buildings  
18 or structures are designed and constructed in accordance with the scope and objectives  
19 of the California Residential Code.

20 Section 18.41.130 – Amendment is necessary on the basis of a local geologic  
21 condition. The City of Long Beach is a densely populated city having buildings and  
22 structures constructed over or near a vast array of fault traces resulting from the active  
23 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
24 proposed amendment requires blocking with metal ties around larger floor openings and  
25 limiting opening size to better limit personal injury and property damage as a result of  
26 geologic activity and therefore needs to be incorporated into the Code to assure that new  
27 buildings and structures and additions or alterations to existing buildings or structures are  
28 designed and constructed in accordance with the scope and objectives of the California

1 Residential Code.

2 Section 18.41.140 – Amendment is necessary on the basis of a local geologic  
3 condition. The City of Long Beach is a densely populated city having buildings and  
4 structures constructed over or near a vast array of fault traces resulting from the active  
5 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
6 proposed amendment limits the type of fasteners that can be used to better limit personal  
7 injury and property damage as a result of geologic activity and therefore needs to be  
8 incorporated into the Code to assure that new buildings and structures and additions or  
9 alterations to existing buildings or structures are designed and constructed in accordance  
10 with the scope and objectives of the California Residential Code.

11 Section 18.41.150 – Amendment is necessary on the basis of a local geologic  
12 condition. The City of Long Beach is a densely populated city having buildings and  
13 structures constructed over or near a vast array of fault traces resulting from the active  
14 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
15 proposed amendment prohibits the use of single top plate splice connections to better  
16 limit personal injury and property damage as a result of geologic activity and therefore  
17 needs to be incorporated into the Code to assure that new buildings and structures and  
18 additions or alterations to existing buildings or structures are designed and constructed in  
19 accordance with the scope and objectives of the California Residential Code.

20 Section 18.41.160 – Amendment is necessary on the basis of a local geologic  
21 condition. The City of Long Beach is a densely populated city having buildings and  
22 structures constructed over or near a vast array of fault traces resulting from the active  
23 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
24 proposed amendment limit the use staples in high seismic region to better limit personal  
25 injury and property damage as a result of geologic activity and therefore needs to be  
26 incorporated into the Code to assure that new buildings and structures and additions or  
27 alterations to existing buildings or structures are designed and constructed in accordance  
28 with the scope and objectives of the California Residential Code.

1 Section 18.41.170 – Amendment is necessary on the basis of a local geologic  
2 condition. The City of Long Beach is a densely populated city having buildings and  
3 structures constructed over or near a vast array of fault traces resulting from the active  
4 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
5 proposed amendment requires a minimum braced wall length in high seismic region to  
6 better limit personal injury and property damage as a result of geologic activity and  
7 therefore needs to be incorporated into the Code to assure that new buildings and  
8 structures and additions or alterations to existing buildings or structures are designed and  
9 constructed in accordance with the scope and objectives of the California Residential  
10 Code.

11 Section 18.41.180 – Amendment is necessary on the basis of a local geologic  
12 condition. The City of Long Beach is a densely populated city having buildings and  
13 structures constructed over or near a vast array of fault traces resulting from the active  
14 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
15 proposed amendment requires a minimum braced wall length and type in high seismic  
16 region to better limit personal injury and property damage as a result of geologic activity  
17 and therefore needs to be incorporated into the Code to assure that new buildings and  
18 structures and additions or alterations to existing buildings or structures are designed and  
19 constructed in accordance with the scope and objectives of the California Residential  
20 Code.

21 Section 18.41.190 – Amendment is necessary on the basis of a local geologic  
22 condition. The City of Long Beach is a densely populated city having buildings and  
23 structures constructed over or near a vast array of fault traces resulting from the active  
24 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
25 proposed amendment requires a minimum braced wall length and type in high seismic  
26 region to better limit personal injury and property damage as a result of geologic activity  
27 and therefore needs to be incorporated into the Code to assure that new buildings and  
28 structures and additions or alterations to existing buildings or structures are designed and

1 constructed in accordance with the scope and objectives of the California Residential  
2 Code.

3 Section 18.41.200 – Amendment is necessary on the basis of a local geologic  
4 condition. The City of Long Beach is a densely populated city having buildings and  
5 structures constructed over or near a vast array of fault traces resulting from the active  
6 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
7 proposed amendment specifies a higher shear wall aspect ratio to better limit personal  
8 injury and property damage as a result of geologic activity and therefore needs to be  
9 incorporated into the Code to assure that new buildings and structures and additions or  
10 alterations to existing buildings or structures are designed and constructed in accordance  
11 with the scope and objectives of the California Residential Code.

12 Section 18.41.210 – Amendment is necessary on the basis of a local geologic  
13 condition. The City of Long Beach is a densely populated city having buildings and  
14 structures constructed over or near a vast array of fault traces resulting from the active  
15 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
16 proposed amendment specifies minimum sheathing thickness, nail size and spacing to  
17 better limit personal injury and property damage as a result of geologic activity and  
18 therefore needs to be incorporated into the Code to assure that new buildings and  
19 structures and additions or alterations to existing buildings or structures are designed and  
20 constructed in accordance with the scope and objectives of the California Residential  
21 Code.

22 Section 18.41.220 – Amendment is necessary on the basis of a local geologic  
23 condition. The City of Long Beach is a densely populated city having buildings and  
24 structures constructed over or near a vast array of fault traces resulting from the active  
25 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
26 proposed amendment specifies minimum sheathing thickness, nail size and spacing to  
27 better limit personal injury and property damage as a result of geologic activity and  
28 therefore needs to be incorporated into the Code to assure that new buildings and

1 structures and additions or alterations to existing buildings or structures are designed and  
2 constructed in accordance with the scope and objectives of the California Residential  
3 Code.

4 Section 18.41.230 – Amendment is necessary on the basis of a local geologic  
5 condition. The City of Long Beach is a densely populated city having buildings and  
6 structures constructed over or near a vast array of fault traces resulting from the active  
7 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
8 proposed amendment specifies minimum sheathing thickness, nail size and spacing to  
9 better limit personal injury and property damage as a result of geologic activity and  
10 therefore needs to be incorporated into the Code to assure that new buildings and  
11 structures and additions or alterations to existing buildings or structures are designed and  
12 constructed in accordance with the scope and objectives of the California Residential  
13 Code.

14 Section 18.41.240 – Amendment is necessary on the basis of a local geologic  
15 condition. The City of Long Beach is a densely populated city having buildings and  
16 structures constructed over or near a vast array of fault traces resulting from the active  
17 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
18 proposed amendment limits the use of unreinforced masonry to better limit personal  
19 injury and property damage as a result of geologic activity and therefore needs to be  
20 incorporated into the Code to assure that new buildings and structures and additions or  
21 alterations to existing buildings or structures are designed and constructed in accordance  
22 with the scope and objectives of the California Residential Code.

23 Section 18.41.250 – Amendment is necessary on the basis of a local geologic  
24 condition. The City of Long Beach is a densely populated city having buildings and  
25 structures constructed over or near a vast array of fault traces resulting from the active  
26 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
27 proposed amendment specifies minimum reinforcements to better limit personal injury  
28 and property damage as a result of geologic activity and therefore needs to be

1 incorporated into the Code to assure that new buildings and structures and additions or  
2 alterations to existing buildings or structures are designed and constructed in accordance  
3 with the scope and objectives of the California Residential Code.

4 Section 18.41.260 – Amendment is necessary on the basis of a local geologic  
5 condition. The City of Long Beach is a densely populated city having buildings and  
6 structures constructed over or near a vast array of fault traces resulting from the active  
7 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
8 proposed amendment requires blocking with metal ties around larger floor openings and  
9 limiting opening size to better limit personal injury and property damage as a result of  
10 geologic activity and therefore needs to be incorporated into the Code to assure that new  
11 buildings and structures and additions or alterations to existing buildings or structures are  
12 designed and constructed in accordance with the scope and objectives of the California  
13 Residential Code.

14 Section 18.41.270 – Amendment is necessary on the basis of a local geologic  
15 condition. The City of Long Beach is a densely populated city having buildings and  
16 structures constructed over or near a vast array of fault traces resulting from the active  
17 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
18 proposed amendment requires minimum reinforcement of chimneys and fireplaces to  
19 better limit personal injury and property damage as a result of geologic activity and  
20 therefore needs to be incorporated into the Code to assure that new buildings and  
21 structures and additions or alterations to existing buildings or structures are designed and  
22 constructed in accordance with the scope and objectives of the California Residential  
23 Code.

24 Section 4. Findings and determinations relative to the adoption of  
25 administrative amendments to the 2019 Edition of the California Electrical Code, Part 3,  
26 Title 24 of the California Code of Regulations:

27 Section 18.41.010 – Amendment is necessary for local administrative clarification,  
28 does not modify a Building Standard as defined in Section 18909(c) of the California

1 Health and Safety Code, and does not require the express findings and determination  
2 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
3 Code.

4 Section 5. Findings and determinations relative to the adoption of  
5 administrative amendments to the 2019 Edition of the California Plumbing Code, Part 4,  
6 Title 24 of the California Code of Regulations:

7 Section 18.43.010 – Amendment is necessary for local administrative clarification,  
8 does not modify a Building Standard as defined in Section 18909(c) of the California  
9 Health and Safety Code, and does not require the express findings and determination  
10 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
11 Code.

12 Section 6. Findings and determinations relative to the adoption of  
13 administrative amendments to the 2019 Edition of the California Mechanical Code, Part  
14 5, Title 24 of the California Code of Regulations:

15 Section 18.44.010 – Amendment is necessary for local administrative clarification,  
16 does not modify a Building Standard as defined in Section 18909(c) of the California  
17 Health and Safety Code, and does not require the express findings and determination  
18 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
19 Code.

20 Section 7. Findings and determinations relative to the adoption of  
21 administrative amendments to the 1997 Edition of the Uniform Housing Code, Section 32,  
22 Article 5, Subchapter 1, Division 1, of Title 25 of the California Code of Regulations:

23 Sections 18.45.010 to 18.45.030 – Amendment is necessary for local  
24 administrative clarification, does not modify a Building Standard as defined in Section  
25 18909(c) of the California Health and Safety Code, and does not require the express  
26 findings and determination required by Sections 17958, 17958.5 and 17958.7 of the  
27 California Health and Safety Code.

28 Section 8. Findings and determinations relative to the adoption of

1 administrative amendments to the 2019 Edition of the California Energy Code, Part 6,  
2 Title 24 of the California Code of Regulations:

3 Section 18.46.010 – Amendment is necessary for local administrative clarification,  
4 does not modify a Building Standard as defined in Section 18909(c) of the California  
5 Health and Safety Code, and does not require the express findings and determination  
6 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
7 Code.

8 Section 9. Findings and determinations relative to the adoption of  
9 administrative amendments, and where appropriate, the adoption of more restrictive  
10 Building Standards Code provisions amendments to the 2019 Edition of the California  
11 Green Building Standards Code, Part 11, Title 24 of the California Code of Regulations:

12 Sections 18.47.010 – Amendment is necessary for local administrative  
13 clarification, does not modify a Building Standard as defined in Section 18909(c) of the  
14 California Health and Safety Code, and does not require the express findings and  
15 determination required by Sections 17958, 17958.5 and 17958.7 of the California Health  
16 and Safety Code.

17 Section 18.47.020 – Amendment is necessary on the basis of a local climatic  
18 condition. The City of Long Beach is a densely populated area having buildings and  
19 structures constructed within heavily traveled traffic corridors and highways, near and  
20 within the proximity of the Long Beach airport and port, and near the ocean and within  
21 flood prone areas. This impacts the quality of the air, causes higher decibel noise levels,  
22 and increases the risk of rising sea or flood levels. The proposed modification to  
23 increase the number of EV charging spaces and stations will help to address and  
24 significantly reduce local air and noise pollution and greenhouse gas emissions and will  
25 improve the health and welfare of the city's residents, businesses and visitors and reduce  
26 the rise in sea or flood levels, including in San Pedro Bay, that could put at risk the city's  
27 homes and businesses, public facilities, airport and port. Therefore, this amendment  
28 needs to be incorporated into the Code to assure that new buildings and structures and

1 additions or alterations to existing buildings or structures are designed and constructed in  
2 accordance with the scope and objectives of the California Green Building Standard  
3 Code.

4 Section 18.47.030 - Local Climatic Condition – Amendment is necessary on the  
5 basis of a local climatic condition. The City of Long Beach is a densely populated area  
6 having buildings and structures constructed within heavily traveled traffic corridors and  
7 highways, near and within the proximity of the Long Beach airport and port, and near the  
8 ocean and within flood prone area. This impacts the quality of the air, causes higher  
9 decibel noise level, and increases the risk of rising sea or flood levels. The proposed  
10 modification to increase the number of EV charging space and station will help to address  
11 and significantly reduce local air and noise pollutions and greenhouse gas emissions will  
12 improve the health and welfare of the city’s residents, businesses and visitors and reduce  
13 the rise in sea or flood levels, including in San Pedro Bay, that could put at risk the city’s  
14 homes and businesses, public facilities, airport and port. Therefore, this amendment  
15 needs to be incorporated into the Code to assure that new buildings and structures and  
16 additions or alterations to existing buildings or structures are designed and constructed in  
17 accordance with the scope and objectives of the California Green Building Standards  
18 Code.

19 Section 18.47.040 – Amendment is necessary on the basis of a local climatic  
20 condition. The proposed amendment makes modification and changes to better preserve  
21 and protect the community where environmental resources are scarce and to realize a  
22 healthier, cleaner and more viable environment for the City’s residents, its workforce and  
23 visitors.

24 Section 18.47.050 – Local Climatic Condition – Amendment is necessary on the  
25 basis of a local climatic condition. The City of Long Beach is a densely populated area  
26 having buildings and structures constructed within heavily traveled traffic corridors and  
27 highways, near and within the proximity of the Long Beach airport and port, and near the  
28 ocean and within flood prone areas. This impacts the quality of the air, causes higher

1 decibel noise levels, and increases the risk of rising sea or flood levels. The proposed  
2 modification to increase the number of EV charging spaces and stations will help to  
3 address and significantly reduce local air and noise pollution and greenhouse gas  
4 emissions and will improve the health and welfare of the city's residents, businesses and  
5 visitors and reduce the rise in sea or flood levels, including in San Pedro Bay, that could  
6 put at risk the city's homes and businesses, public facilities, airport and port. Therefore,  
7 this amendment needs to be incorporated into the Code to assure that new buildings and  
8 structures and additions or alterations to existing buildings or structures are designed and  
9 constructed in accordance with the scope and objectives of the California Green Building  
10 Standards Code.

11 Section 18.47.060 – Amendment is necessary on the basis of a local climatic  
12 condition. The proposed amendment makes modification and changes to better preserve  
13 and protect the community where environmental resources are scarce and to realize a  
14 healthier, cleaner and more viable environment for the City's residents, its workforce and  
15 visitors.

16 Section 18.47.070 – Amendment is necessary on the basis of a local climatic  
17 condition. The City is reliant on imported water, importing as much as 40% from the  
18 Metropolitan Water District. To address the impact of an imminent water supply shortage  
19 as the result of a statewide, multi-year drought, critically low water levels in key state  
20 reservoirs and significant pumping restrictions on imported water supplies from the State  
21 Water Project, it is necessary to increase water conservation efforts to ensure sufficient  
22 water resources are available for current and future residents of the City. Nearly 36% of  
23 water usage in the City can be attributed to multifamily residential or mixed-use buildings  
24 where water consumption in each individual dwelling unit is not measured. Therefore,  
25 this amendment needs to be incorporated into the Code to assure that new buildings and  
26 structures and additions or alterations to existing buildings or structures are designed and  
27 constructed in accordance with the scope and objectives of the California Green Building  
28 Standards Code.

1 Section 18.47.080 – Amendment is necessary on the basis of a local climatic  
2 condition. The City is reliant on imported water, importing as much as 40% from the  
3 Metropolitan Water District. To address the impact of an imminent water supply shortage  
4 as the result of a statewide, multi-year drought, critically low water levels in key state  
5 reservoirs and significant pumping restrictions on imported water supplies from the State  
6 Water Project, it is necessary to increase water conservation efforts to ensure sufficient  
7 water resources are available for current and future residents of the City. Nearly 36% of  
8 water usage in the City can be attributed to multifamily residential or mixed-use buildings  
9 where water consumption in each individual dwelling unit is not measured. Therefore this  
10 amendment needs to be incorporated into the Code to assure that new buildings and  
11 structures and additions or alterations to existing buildings or structures are designed and  
12 constructed in accordance with the scope and objectives of the California Green Building  
13 Standards Code.

14 Section 10. Findings and determinations relative to the adoption of  
15 administrative amendments, and where appropriate, the adoption of more restrictive  
16 Building Standards Code provisions amendments to the 2019 Edition of the California  
17 Fire Code, Part 9, Title 24 of the California Code of Regulations:

18 Sections 18.48.010 to 18.48.020 – Amendment is necessary for local  
19 administrative clarification, does not modify a Building Standard as defined in Section  
20 18909(c) of the California Health and Safety Code, and does not require the express  
21 findings and determination required by Sections 13143.5, 17958.7 and 18941.5(b) of the  
22 California Health and Safety Code.

23 Section 18.48.030 – Amendment is necessary on the basis of local topographical  
24 conditions. The City of Long Beach is bounded on the westerly side by the Pacific Ocean  
25 and at various locations by other bodies of water. The proposed amendment adds  
26 requirements for vessels moored within the jurisdiction of the City to better limit personal  
27 injury and property damage as a result of topographic impediment, and therefore needs  
28 to be incorporated into the Code to assure that vessels are in compliance with the

1 applicable scope and objectives of the California Fire Code.

2 Sections 18.48.040 to 18.48.380 – Amendment is necessary for local  
3 administrative clarification, does not modify a Building Standard as defined in Section  
4 18909(c) of the California Health and Safety Code, and does not require the express  
5 findings and determination required by Sections 13143.5, 17958.7 and 18941.5(b) of the  
6 California Health and Safety Code.

7 Sections 18.48.390 to 18.48.400 – Amendment is necessary on the basis of a  
8 local geologic condition. The City of Long Beach is located in Seismic Design Categories  
9 D, E or F as determined by the International Building Code, and in Seismic Design  
10 Categories D2 or E as determined by the International Residential Code, which are  
11 considered by experts to be one of the most active seismic regions in the world. The  
12 proposed amendment requires densely populated occupancies to have an additional  
13 means of escape to ensure that a reasonable margin of safety is provided due to the  
14 necessity of providing on site fire protection in a seismic emergency when fire department  
15 resources could be greatly delayed and overwhelmed and therefore need to be  
16 incorporated into the Code to assure that new buildings and structures and additions or  
17 alterations to existing buildings or structures are designed and constructed in accordance  
18 with the scope and objectives of the California Fire Code.

19 Section 18.48.410 – Amendment is necessary for local administrative clarification,  
20 does not modify a Building Standard as defined in Section 18909(c) of the California  
21 Health and Safety Code, and does not require the express findings and determination  
22 required by Sections 13143.5, 17958.7 and 18941.5(b) of the California Health and  
23 Safety Code.

24 Section 18.48.420 – Amendment is necessary on the basis of a local geologic  
25 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
26 determined by the International Building Code, and in Seismic Design Categories D2 or E  
27 as determined by the International Residential Code, which are considered by experts to  
28 be one of the most active seismic regions in the world. The proposed amendment to

1 require automatic sprinkler systems ensures that a reasonable margin of safety is  
2 provided due to the necessity of providing on site fire protection in a seismic emergency  
3 when fire department resources could be greatly delayed and overwhelmed and therefore  
4 needs to be incorporated into the Code to assure that new buildings and structures and  
5 additions or alterations to existing buildings or structures are designed and constructed in  
6 accordance with the scope and objectives of the California Fire Code.

7 Section 18.48.430 – Amendment is necessary on the basis of a local geologic  
8 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
9 determined by the International Building Code, and in Seismic Design Categories D2 or E  
10 as determined by the International Residential Code, which are considered by experts to  
11 be one of the most active seismic regions in the world. The proposed amendment to  
12 require automatic sprinkler systems ensures that a reasonable margin of safety is  
13 provided due to the necessity of providing on site fire protection in a seismic emergency  
14 when fire department resources could be greatly delayed and overwhelmed and therefore  
15 need to be incorporated into the Code to assure that new buildings and structures and  
16 additions or alterations to existing buildings or structures are designed and constructed in  
17 accordance with the scope and objectives of the California Fire Code.

18 Section 18.48.440 – Amendment is necessary on the basis of a local geologic  
19 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
20 determined by the International Building Code, and in Seismic Design Categories D2 or E  
21 as determined by the International Residential Code, which are considered by experts to  
22 be one of the most active seismic regions in the world. The proposed amendment to  
23 require automatic sprinkler systems ensures that a reasonable margin of safety is  
24 provided due to the necessity of providing on site fire protection in a seismic emergency  
25 when fire department resources could be greatly delayed and overwhelmed and therefore  
26 need to be incorporated into the Code to assure that new buildings and structures and  
27 additions or alterations to existing buildings or structures are designed and constructed in  
28 accordance with the scope and objectives of the California Fire Code.

1 Section 18.48.450 – Amendment is necessary on the basis of a local geologic  
2 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
3 determined by the International Building Code, and in Seismic Design Categories D2 or E  
4 as determined by the International Residential Code, which are considered by experts to  
5 be one of the most active seismic regions in the world. The proposed amendment  
6 requiring additional safety factors for hydraulic calculations ensures that a reasonable  
7 margin of safety is provided due to the necessity of providing on site fire protection in a  
8 seismic emergency when fire department resources could be greatly delayed and  
9 overwhelmed and therefore need to be incorporated into the Code to assure that new  
10 buildings and structures and additions or alterations to existing buildings or structures are  
11 designed and constructed in accordance with the scope and objectives of the California  
12 Fire Code.

13 Sections 18.48.460 to 18.48.480 – Amendment is necessary for local  
14 administrative clarification, does not modify a Building Standard as defined in Section  
15 18909(c) of the California Health and Safety Code, and does not require the express  
16 findings and determination required by Sections 13143.5, 17958.7 and 18941.5(b) of the  
17 California Health and Safety Code.

18 Section 18.48.490 – Amendment is necessary on the basis of a local geologic  
19 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
20 determined by the International Building Code, and in Seismic Design Categories D2 or E  
21 as determined by the International Residential Code, which are considered by experts to  
22 be one of the most active seismic regions in the world. The proposed amendment to  
23 specify requirements for alarm devices ensures that a reasonable margin of safety is  
24 provided due to the necessity of providing on site fire protection in a seismic emergency  
25 when fire department resources could be greatly delayed and overwhelmed and therefore  
26 need to be incorporated into the Code to assure that new buildings and structures and  
27 additions or alterations to existing buildings or structures are designed and constructed in  
28 accordance with the scope and objectives of the California Fire Code.

1 Section 18.48.500 – Amendment is necessary for local administrative clarification,  
2 does not modify a Building Standard as defined in Section 18909(c) of the California  
3 Health and Safety Code, and does not require the express findings and determination  
4 required by Sections 13143.5, 17958.7 and 18941.5(b) of the California Health and  
5 Safety Code.

6 Section 18.48.510 – Amendment is necessary on the basis of a local geologic  
7 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
8 determined by the International Building Code, and in Seismic Design Categories D2 or E  
9 as determined by the International Residential Code, which are considered by experts to  
10 be one of the most active seismic regions in the world. The proposed amendment  
11 requires a higher psi design at the discharge to ensure that a reasonable margin of safety  
12 is provided due to the necessity of providing on site fire protection in a seismic  
13 emergency when fire department resources could be greatly delayed and overwhelmed  
14 and therefore need to be incorporated into the Code to assure that new buildings and  
15 structures and additions or alterations to existing buildings or structures are designed and  
16 constructed in accordance with the scope and objectives of the California Fire Code.

17 Sections 18.48.520 to 18.48.550– Amendment is necessary for local  
18 administrative clarification, does not modify a Building Standard as defined in Section  
19 18909(c) of the California Health and Safety Code, and does not require the express  
20 findings and determination required by Sections 13143.5, 17958.7 and 18941.5(b) of the  
21 California Health and Safety Code.

22 Section 18.48.560 – Amendment is necessary on the basis of a local geologic  
23 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
24 determined by the International Building Code, and in Seismic Design Categories D2 or E  
25 as determined by the International Residential Code, which are considered by experts to  
26 be one of the most active seismic regions in the world. The proposed amendment to  
27 require fire alarm and smoke removal systems ensures that a reasonable margin of  
28 safety is provided due to the necessity of providing on site fire protection in a seismic

1 emergency when fire department resources could be greatly delayed and overwhelmed  
2 and therefore need to be incorporated into the Code to assure that new buildings and  
3 structures and additions or alterations to existing buildings or structures are designed and  
4 constructed in accordance with the scope and objectives of the California Fire Code.

5 Sections 18.48.570 to 18.48.580 – Amendment is necessary for local  
6 administrative clarification, does not modify a Building Standard as defined in Section  
7 18909(c) of the California Health and Safety Code, and does not require the express  
8 findings and determination required by Sections 13143.5, 17958.7 and 18941.5(b) of the  
9 California Health and Safety Code

10 Section 18.48.590 – Amendment is necessary for local administrative clarification,  
11 does not modify a Building Standard as defined in Section 18909(c) of the California  
12 Health and Safety Code, and does not require the express findings and determination  
13 required by Sections 13143.5, 17958.7 and 18941.5(b) of the California Health and  
14 Safety Code. This amendment expands language to clarify temperature ratings of smoke  
15 and heat vents.

16 Section 18.48.600 – Amendment is necessary on the basis of a local geologic  
17 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
18 determined by the International Building Code, and in Seismic Design Categories D2 or E  
19 as determined by the International Residential Code, which are considered by experts to  
20 be one of the most active seismic regions in the world. The proposed amendment to  
21 specify requirements for fire department connection ensures that a reasonable margin of  
22 safety is provided due to the necessity of providing on site fire protection in a seismic  
23 emergency when fire department resources could be greatly delayed and overwhelmed  
24 and therefore need to be incorporated into the Code to assure that new buildings and  
25 structures and additions or alterations to existing buildings or structures are designed and  
26 constructed in accordance with the scope and objectives of the California Fire Code.

27 Sections 18.48.610 to 18.48.660 – Amendment is necessary for local  
28 administrative clarification, does not modify a Building Standard as defined in Section

1 18909(c) of the California Health and Safety Code, and does not require the express  
2 findings and determination required by Sections 13143.5, 17958.7 and 18941.5(b) of the  
3 California Health and Safety Code.

4 Section 18.48.670 – Amendment is necessary on the basis of local topographical  
5 conditions. The City of Long Beach is bounded on the westerly side by the Pacific Ocean  
6 and at various locations by other bodies of water. The proposed amendment adds  
7 requirements for welding and cutting aboard vessels moored within the jurisdiction of the  
8 City of Long Beach to better limit personal injury and property damage as a result of  
9 topographic impediment and therefore needs to be incorporated into the Code to assure  
10 that vessels are in compliance with the applicable scope and objectives of the California  
11 Fire Code.

12 Sections 18.48.680 to 18.48.770 – Amendment is necessary for local  
13 administrative clarification, does not modify a Building Standard as defined in Section  
14 18909(c) of the California Health and Safety Code, and does not require the express  
15 findings and determination required by Sections 13143.5, 17958.7 and 18941.5(b) of the  
16 California Health and Safety Code.

17 Section 18.48.780 – Amendment is necessary on the basis of a local geologic  
18 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
19 determined by the International Building Code, and in Seismic Design Categories D2 or E  
20 as determined by the International Residential Code, which are considered by experts to  
21 be one of the most active seismic regions in the world. The proposed amendment  
22 provides language to clarify reduction of the fire flow requirements in one- and two-family  
23 dwellings, Group R-3 and R-4 buildings and townhomes to ensures that a reasonable  
24 margin of safety is provided due to the necessity of providing on site fire protection in a  
25 seismic emergency when fire department resources could be greatly delayed and  
26 overwhelmed and therefore need to be incorporated into the Code to assure that new  
27 buildings and structures and additions or alterations to existing buildings or structures are  
28 designed and constructed in accordance with the scope and objectives of the California

1 Fire Code.

2 Section 18.48.790 – Amendment is necessary on the basis of a local geologic  
3 condition. The City of Long Beach is located in Seismic Design Categories D, E or F as  
4 determined by the International Building Code, and in Seismic Design Categories D2 or E  
5 as determined by the International Residential Code, which are considered by experts to  
6 be one of the most active seismic regions in the world. The proposed amendment  
7 provides language to clarify reduction of the fire flow requirements in one- and two-family  
8 dwellings, Group R-3 and R-4 buildings and townhomes to ensure that a reasonable  
9 margin of safety is provided due to the necessity of providing on site fire protection in a  
10 seismic emergency when fire department resources could be greatly delayed and  
11 overwhelmed and therefore need to be incorporated into the Code to assure that new  
12 buildings and structures and additions or alterations to existing buildings or structures are  
13 designed and constructed in accordance with the scope and objectives of the California  
14 Fire Code.

15 Section 11. Findings and determinations relative to the adoption of  
16 administrative amendments, and where appropriate, the adoption of more restrictive  
17 Building Standards Code provision amendments to the 2019 Edition of the California  
18 Existing Building Code, Part 10, Title 24 of the California Code of Regulations:

19 Sections 18.49.010 – 18.49.020 – Amendment is necessary for local  
20 administrative clarification, and does not modify a Building Standard as defined in Section  
21 18909(c) of the California Health and Safety Code pursuant to Sections 17958, 17958.5  
22 and 17958.7 of the California Health and Safety Code.

23 Section 18.49.030 – Amendment is necessary on the basis of a local geologic  
24 condition. The City of Long Beach is a densely populated city having buildings and  
25 structures constructed over or near a vast array of fault traces resulting from the active  
26 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
27 proposed amendment to ensure that new occupancies with a high occupant load are  
28 properly evaluated to reduce or mitigate any potential hazards to future occupants in

1 existing URM buildings or structures. The proposed amendment makes modification and  
2 changes to better limit personal injury and property damage as a result of geologic  
3 activity and to establish criteria for repair of damaged property following a local  
4 emergency. Therefore, it needs to be incorporated into the Code to assure that new  
5 buildings and structures and additions or alterations to existing buildings or structures are  
6 designed and constructed in accordance with the scope and objectives of the California  
7 Existing Code.

8 Section 18.49.040 – Amendment is necessary on the basis of a local geologic  
9 condition. The City of Long Beach is a densely populated city having buildings and  
10 structures constructed over or near a vast array of fault traces resulting from the active  
11 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
12 proposed amendment to ensure that new occupancies with a high occupant load are  
13 properly evaluated to reduce or mitigate any potential hazards to future occupants in  
14 existing URM buildings or structures. The proposed amendment makes modification and  
15 changes to better limit personal injury and property damage as a result of geologic  
16 activity and to establish criteria for repair of damaged property following a local  
17 emergency. Therefore, it needs to be incorporated into the Code to assure that new  
18 buildings and structures and additions or alterations to existing buildings or structures are  
19 designed and constructed in accordance with the scope and objectives of the California  
20 Existing Code.

21 Section 18.49.050 – Amendment is necessary on the basis of a local geologic  
22 condition. The City of Long Beach is a densely populated city having buildings and  
23 structures constructed over or near a vast array of fault traces resulting from the active  
24 Newport-Inglewood fault system that is capable of producing a major earthquake. The  
25 proposed amendment is needed to ensure that new occupancies with a high occupant  
26 load are properly evaluated to reduce or mitigate any potential hazards to future  
27 occupants in existing URM buildings or structures. The proposed amendment makes  
28 modification and changes to better limit personal injury and property damage as a result

1 of geologic activity and to establish criteria for repair of damaged property following a  
2 local emergency. Therefore, it needs to be incorporated into the Code to assure that new  
3 buildings and structures and additions or alterations to existing buildings or structures are  
4 designed and constructed in accordance with the scope and objectives of the California  
5 Existing Code.

6 Section 18.49.060 – Amendment is necessary for local administrative clarification,  
7 does not modify a Building Standard as defined in Section 18909(c) of the California  
8 Health and Safety Code, and does not require the express findings and determination  
9 required by Sections 17958, 17958.5 and 17958.7 of the California Health and Safety  
10 Code.

11 Section 12. Findings and determinations relative to the adoption of administrative  
12 amendments to the 2019 Edition of the California Historical Building Code, Part 8, Title  
13 24 of the California Code of Regulations:

14 Sections 18.50.010 to 18.50.060 – Amendment is necessary for local  
15 administrative clarification, does not modify a Building Standard as defined in Section  
16 18909(c) of the California Health and Safety Code, and does not require the express  
17 findings and determination required by Sections 17958, 17958.5 and 17958.7 of the  
18 California Health and Safety Code.

19 Section 13. The Director of Development Services and the Fire Chief of the Fire  
20 Department are instructed to, and shall, transmit a copy of this resolution together with  
21 any appropriate supporting documentation, to the California Building Standards  
22 Commission in accordance with California Health and Safety Code Section 17958.7.

23 Section 14. This resolution shall take effect on January 1, 2020, upon its  
24 adoption by the City Council, and the City Clerk shall certify to the vote adopting this  
25 resolution.

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I certify that this resolution was adopted by the City Council of the City of Long Beach at its meeting of \_\_\_\_\_, 2019, by the following vote:

Ayes: Councilmembers: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Noes: Councilmembers: \_\_\_\_\_  
\_\_\_\_\_

Absent: Councilmembers: \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
City Clerk

OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
411 West Ocean Boulevard, 9th Floor  
Long Beach, CA 90802

OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
411 West Ocean Boulevard, 9th Floor  
Lona Beach, CA 90802

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RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY  
OF LONG BEACH AUTHORIZING THE DIRECTOR OF  
DEVELOPMENT SERVICES TO SUBMIT AMENDMENTS TO  
THE LONG BEACH ZONING REGULATIONS TO THE  
CALIFORNIA COASTAL COMMISSION FOR APPROVAL

WHEREAS, on \_\_\_\_\_, 2019, the City Council of the City of Long  
Beach amended certain provisions of the Long Beach Zoning Regulations, Title 21 of the  
Long Beach Municipal Code, relating to amendments to the Zoning Regulations of the City  
of Long Beach; and

WHEREAS, it is the desire of the City Council to submit the above referenced  
zoning regulation amendments to the California Coastal Commission for its review; and

WHEREAS, the Planning Commission and City Council gave full  
consideration to all facts and the proposals respecting the amendments to the zoning  
regulations at properly noticed and advertised public hearings; and

WHEREAS, the City Council, in accordance with the recommendation of the  
Planning Commission, approved the proposed amendments to the zoning regulations by  
adopting amendments to Sections 21.33.045 and 21.45.400. The proposed zoning  
regulation amendments are to be carried out in a manner fully consistent with the Coastal  
Act and become effective in the Coastal Zone immediately upon Coastal Commission  
certification and approval; and

WHEREAS, the City Council hereby finds that the proposed zoning  
amendments will not adversely affect the character, livability or appropriate development in  
the City of Long Beach and that the amendments are consistent with the goals, objectives  
and provisions of the City's General Plan.

NOW, THEREFORE, the City Council of the City of Long Beach resolves as

OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
411 West Ocean Boulevard, 9th Floor  
Lona Beach, CA 90802

1 follows:

2 Section 1. The amendment to the Long Beach Zoning Regulations of the  
3 City of Long Beach adopted on \_\_\_\_\_, 2019, by Ordinance No.  
4 ORD-\_\_\_\_\_, a copy of which is attached to and incorporated in this resolution as  
5 Exhibit "A", is hereby submitted to the California Coastal Commission for its earliest review  
6 as to that part of the ordinance that directly affects land use matters in that portion of the  
7 California Coastal Zone within the City of Long Beach.

8 Section 2. The Director of Development Services of the City of Long Beach  
9 is hereby authorized to and shall submit a certified copy of this resolution, together with  
10 appropriate supporting materials, to the California Coastal Commission with a request for its  
11 earliest action, as an amendment to the Local Coastal program that will take effect  
12 automatically upon Coastal Commission approval pursuant to the Public Resources Code  
13 or as an amendment that will require formal City Council adoption after Coastal Commission  
14 approval.

15 Section 3. This resolution shall take effect immediately upon its adoption by  
16 the City Council, and the City Clerk shall certify the vote adopting this resolution.

17 I certify that this resolution was adopted by the City Council of the City of Long  
18 Beach at its meeting of \_\_\_\_\_, 2019, by the following vote:

19 Ayes: Councilmembers: \_\_\_\_\_  
20 \_\_\_\_\_

21 \_\_\_\_\_  
22 Noes: Councilmembers: \_\_\_\_\_  
23 \_\_\_\_\_

24 Absent: Councilmembers: \_\_\_\_\_  
25 \_\_\_\_\_

26 \_\_\_\_\_  
27 City Clerk

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