The City Council, with certain statutory exceptions, can only take action upon properly posted and listed agenda items. Any writings or documents given to a majority of the City Council regarding any matter on this agenda that the City received after issuing the agenda packet are available for public inspection in the City Clerk’s office during normal business hours. Such Documents may also be posted on the City’s website at www.elsegundo.org and additional copies will be available at the City Council meeting.

Unless otherwise noted in the Agenda, the Public can only comment on City-related business that is within the jurisdiction of the City Council and/or items listed on the Agenda during the Public Communications portions of the Meeting. Additionally, the Public can comment on any Public Hearing item on the Agenda during the Public Hearing portion of such item. The time limit for comments is five (5) minutes per person.

Before speaking to the City Council, please come to the podium and state: Your name and residence and the organization you represent, if desired. Please respect the time limits.

Members of the Public may place items on the Agenda by submitting a Written Request to the City Clerk or City Manager’s Office at least six days prior to the City Council Meeting (by 2:00 p.m. the prior Tuesday). The request must include a brief general description of the business to be transacted or discussed at the meeting. Playing of video tapes or use of visual aids may be permitted during meetings if they are submitted to the City Clerk two (2) working days prior to the meeting and they do not exceed five (5) minutes in length.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact City Clerk, 524-2305. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

REGULAR MEETING OF THE EL SEGUNDO CITY COUNCIL
TUESDAY, OCTOBER 15, 2013 – 5:00 PM

5:00 P.M. SESSION

CALL TO ORDER

ROLL CALL

PUBLIC COMMUNICATION – (Related to City Business Only – 5 minute limit per person, 30 minute limit total) Individuals who have received value of $50 or more to communicate to the City Council on behalf of another, and employees speaking on behalf of their employer, must so identify themselves prior to addressing the City Council. Failure to do so shall be a misdemeanor and punishable by a fine of $250.
SPECIAL ORDER OF BUSINESS:

CLOSED SESSION:
The City Council may move into a closed session pursuant to applicable law, including the Brown Act (Government Code Section §54960, et seq.) for the purposes of conferring with the City’s Real Property Negotiator; and/or conferring with the City Attorney on potential and/or existing litigation; and/or discussing matters covered under Government Code Section §54957 (Personnel); and/or conferring with the City’s Labor Negotiators; as follows:

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Gov’t Code §54956.9(d) (3) -2- matter

1. City of El Segundo vs. City of Los Angeles, et.al. LASC Case No. BS094279
2. City of Los Angeles vs. Pacific Bell Telephone Company, et al., LASC Case No. BC414272

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Significant exposure to litigation pursuant to Government Code §54956.9(d) (2) and (3): -0- matter.

Initiation of litigation pursuant to Government Code §54956.9(c): -1- matter.

DISCUSSION OF PERSONNEL MATTERS (Gov’t Code §54957): -0- matter

APPOINTMENT OF PUBLIC EMPLOYEE (Gov’t. Code § 54957) –0- matter

CONFERENCE WITH CITY’S LABOR NEGOTIATOR (Gov’t Code §54957.6): -0- matters

CONFERENCE WITH REAL PROPERTY NEGOTIATOR (Gov’t Code §54956.8): -1- matters

1. Lease of City Owned Property (Price and Terms)
   Real Property: City owned Golf Course ("The Lakes") located at Sepulveda Boulevard (Assessor Parcel Number: 4138-014-913).
   City’s Negotiator: Greg Carpenter, City Manager
   Potential Lessee/Negotiating Party: Cenntcal Properties, Inc.
The City Council, with certain statutory exceptions, can only take action upon properly posted and listed agenda items. Any writings or documents given to a majority of the City Council regarding any matter on this agenda that the City received after issuing the agenda packet, are available for public inspection in the City Clerk’s office during normal business hours. Such Documents may also be posted on the City’s website at www.elsegundo.org and additional copies will be available at the City Council meeting.

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REGULAR MEETING OF THE EL SEGUNDO CITY COUNCIL
TUESDAY, OCTOBER 15, 2013 - 7:00 P.M.

7:00 P.M. SESSION

CALL TO ORDER

INVOCATION – Scott Lambert, Associate Minister, Hilltop Church of Christ

PLEDGE OF ALLEGIANCE – Council Member Fuentes
PRESENTATIONS

b) Presentation – Annual Fill the Boot Campaign – El Segundo Firefighter’s and Megan Berry, Director of Business Development with Muscular Dystrophy Association.
c) Proclamation – Make A Difference Day
d) Commendation – El Segundo Police Officer Armando Rodriguez for his heroic acts.

ROLL CALL

PUBLIC COMMUNICATIONS – (Related to City Business Only – 5 minute limit per person, 30 minute limit total) Individuals who have received value of $50 or more to communicate to the City Council on behalf of another, and employees speaking on behalf of their employer, must so identify themselves prior to addressing the Council. Failure to do so shall be a misdemeanor and punishable by a fine of $250. While all comments are welcome, the Brown Act does not allow Council to take action on any item not on the agenda. The Council will respond to comments after Public Communications is closed.

CITY COUNCIL COMMENTS – (Related to Public Communications)

A. PROCEDURAL MOTIONS

Consideration of a motion to read all ordinances and resolutions on the Agenda by title only.

Recommendation – Approval.
B. SPECIAL ORDERS OF BUSINESS (PUBLIC HEARING)

1. Consideration and possible action to open a public hearing and receive
     public testimony concerning adopting a resolution amending, in its
     entirety, the Zone 1 preferential parking area first established by Resolution
     No. 3333 and establishing a permit fee in accordance with the El Segundo
     Municipal Code ("ESMC"). Zone 1 will include the west curb line of
     Washington Street (from Maple Avenue to Walnut Ave) and, also, both curb
     lines of Walnut Avenue (from Washington Street to California Street).
     (Fiscal Impact: None)
     Recommendation – 1) Open the Public Hearing; 2) Take public testimony; 3) Adopt
     a resolution amending, in its entirety, Resolution No. 3333 to reestablish
     the Zone 1 preferential parking area and establish a permit fee; 4) Alternatively,
     discuss and take other possible action related to this item.

2. Consideration and possible action to open a public hearing and receive
     testimony regarding: 1) an Environmental Assessment for a Categorical
     Exemption; and 2) a Zone Text Amendment to modify El Segundo
     Municipal Code (ESMC) regulations regarding the definition of “Setback”
     located in ESMC § 15-1-6 and corrections to the table entitled “Drive Aisle
     Applicant: City Initiated.
     (Fiscal Impact: None)
     Recommendation – 1) Open Public Hearing; 2) Discussion 3) Introduce and
     waive first reading of an Ordinance for Environmental Assessment No. EA 1002
     and Zone Text Amendment No. 12-06; 4) Schedule second reading and adoption
     of Ordinance on November 5, 2013; 5) Alternatively, discuss and take other
     possible action related to this item.

C. UNFINISHED BUSINESS

D. REPORTS OF COMMITTEES, COMMISSIONS AND BOARDS

E. CONSENT AGENDA

All items listed are to be adopted by one motion without discussion and passed unanimously. If a call for
discussion of an item is made, the item(s) will be considered individually under the next heading of
business.
3. Warrant Numbers 2594565 – 2594745 on Register No. 1 in the total amount of $1,791,016.23 and Wire Transfers from 9/13/2013 through 9/26/2013 in the total amount of $853,403.74)
Recommendation – Approve Warrant Demand Registers and authorize staff to release. Ratify Payroll and Employee Benefit checks; checks released early due to contracts or agreement; emergency disbursements and/or adjustments; and wire transfers.

4. Special City Council Meeting Minutes of September 25, 2013 and Regular City Council Meeting Minutes of October 1, 2013.
Recommendation – Approval.

5. Consideration and possible action regarding the acceptance of $16,271.60 in grant funding from the University of California, Berkeley, Safe Transportation Research and Education Center. Grant funds will be utilized to conduct two sobriety checkpoints between October 1, 2013 and September 30, 2014.
(Fiscal Impact: None)
Recommendation – 1) Authorize the acceptance of $16,271.60 in grant funds; 2) Alternatively, discuss and take other action related to this item.

6. Consideration and possible action to update the El Segundo Municipal Code regulating general penalties for Title 6 of the City Code specific to animal control. These changes are desirable to ensure effective enforcement by the El Segundo Police Department.
(Fiscal Impact: None)
Recommendation – 1) Second reading by title only and adopt an Ordinance Number 1482 amending Chapter 6-1-5 of the El Segundo Municipal Code regarding the general penalty for violations of animal regulations; 2) Alternatively, discuss and take other possible action related to this item.

7. Consideration and possible action to execute an amendment with AKM Consulting Engineers for additional inspection services related to the Maple Ave. construction project. Project No. PW 12-09.
(Fiscal Impact: $20,000.00)
Recommendation – 1) Authorize the City Manager to execute an amendment with AKM Consulting Engineers, in a form approved by the City Attorney, for additional construction inspection services in the amount not to exceed $20,000.00; 2) Alternatively, discuss and take other possible action related to this item.
8. Consideration and possible action to accept as complete the FY 11/12 slurry sealing of the streets in the area bounded by Sheldon Street, Mariposa Avenue, El Segundo Boulevard and Sepulveda Boulevard. Project No.: PW 12-05.  
(Fiscal Impact: $320,231.08)
Recommendation – 1) Accept the work as complete; 2) Authorize the City Clerk to file a Notice of Completion in the County Recorder’s office; 3) Alternatively, discuss and take other possible action related to this item.

9. Consideration and possible action regarding adoption of Plans and Specifications for the FY 13/14 slurry sealing of the streets in the area bounded by the west City boundary, Sheldon Street, Mariposa Avenue, and El Segundo Boulevard. Project No.: PW 13-14.  
(Fiscal Impact: $642,000.00)
Recommendation – 1) Adopt Plans and Specifications; 2) Authorize staff to advertise the project for receipt of construction bids; 3) Alternatively, discuss and take other possible action related to this item.

10. Consideration and possible action to authorize the City Manager to enter into Memorandum of Understandings (MOU) for development of an Enhanced Watershed Management Program for Jurisdictional Groups 2 & 3 of the Santa Monica Bay Watershed and for the Dominguez Channel Watershed.  
(Fiscal Impact: $93,967.45)
Recommendation – 1) Authorize the City Manager to enter into a Memorandum of Understanding, approved in form by the City Attorney, between the Cities of Los Angeles, Santa Monica and El Segundo, the Los Angeles County Flood Control District, and the County of Los Angeles (Public Works) for $43,971 for administration and cost sharing for development of an Enhanced Watershed Management Program for Jurisdictional Groups 2 & 3 of the Santa Monica Bay Watershed; 2) Authorize the City Manager to enter into a Memorandum of Understanding, approved in form by the City Attorney, between the Cities of Los Angeles, El Segundo, Hawthorne and Inglewood, the Los Angeles County Flood Control District, and the County of Los Angeles for $49,996.45 for administration and cost sharing for development of an Enhanced Watershed Management Program for the Dominguez Channel Watershed; 3) Alternatively, discuss and take other possible action related to this item.
F. NEW BUSINESS

11. Consideration and possible action regarding a request from Tree Musketeers to waive fees for the use of City resources and staff time associated with their Make a Difference Day event on October 26, 2013. (Fiscal Impact: $1,079.45)

Recommendation – 1) Deny the request from Tree Musketeers to waive fees for the use of City resources and staff time associated with their Make a Difference Day event; 2) Alternatively, discuss and take other possible action related to this item.


G. REPORTS – CITY MANAGER

H. REPORTS – CITY ATTORNEY

I. REPORTS – CITY CLERK

J. REPORTS – CITY TREASURER

K. REPORTS – CITY COUNCIL MEMBERS
Council Member Fellhauer –

Council Member Atkinson –

Council Member Fuentes –

13. Consideration and possible action regarding an amendment to the Municipal Code banning retail sales of dogs and cats.  
(Fiscal Impact: None)  
Recommendation – 1) Direct staff to prepare and Ordinance amending the El Segundo Municipal Code (ESMC) to ban the retail sale of dogs and cats; 2) Alternatively, discuss and take other possible action related to this item.

Mayor Pro Tem Jacobson –

Mayor Fisher –

PUBLIC COMMUNICATIONS – (Related to City Business Only – 5 minute limit per person, 30 minute limit total) Individuals who have receive value of $50 or more to communicate to the City Council on behalf of another, and employees speaking on behalf of their employer, must so identify themselves prior to addressing the City Council. Failure to do so shall be a misdemeanor and punishable by a fine of $250. While all comments are welcome, the Brown Act does not allow Council to take action on any item not on the agenda. The Council will respond to comments after Public Communications is closed.

MEMORIALS –

CLOSED SESSION

The City Council may move into a closed session pursuant to applicable law, including the Brown Act (Government Code Section §54960, et seq.) for the purposes of conferring with the City’s Real Property Negotiator; and/or conferring with the City Attorney on potential and/or existing litigation; and/or discussing matters covered under Government Code Section §54957 (Personnel); and/or conferring with the City’s Labor Negotiators.

REPORT OF ACTION TAKEN IN CLOSED SESSION (if required)
ADJOURNMENT
POSTED:

DATE: 10.9.13
TIME: 1:00 PM
NAME: [Signature]

10
WHEREAS, Rotary International, founded on February 23, 1905 in Chicago, Illinois, is the world's first and one of the largest non-profit service organizations;

WHEREAS, there are over 1.2 million Rotary club members comprised of professional and business leaders in over 34,000 clubs in 200 countries and geographic areas; and

WHEREAS, the Rotary motto “Service Above Self” inspires members to provide humanitarian service, encourage high ethical standards, and promote good will and peace in the world; and

WHEREAS, Rotary in 1985 launched PolioPlus and spearheaded the Global Polio Eradication Initiative with the World Health Organization, U.S. Centers for Disease Control and Prevention, and UNICEF to immunize the children of the world against polio; and

WHEREAS, polio cases have dropped by 99 percent since 1988 and the world stands on the threshold of eradicating the disease; and

WHEREAS, to date, Rotary has contributed more than $1 billion and countless volunteer hours to the protection of more than two billion children in 122 countries; and

WHEREAS, Rotary and the Bill and Melinda Gates Foundation have extended their existing fundraising partnership that could generate up to $525 million in new money for polio eradication; and

WHEREAS, every new dollar Rotary commits to polio eradication, up to $35 million per year, through 2018 will be matched 2 for 1 by the Bill and Melinda Gates Foundation; and

WHEREAS, these efforts are providing much needed operational support, medical personnel, laboratory equipment and educational materials for health workers and parents; and

WHEREAS, in addition, Rotary has played a major role in decisions by donor governments to contribute $8 billion to the efforts; and

WHEREAS, there are over 2,600 Rotary club members in more than 60 clubs in and near this City sponsoring service projects to address such critical issues as poverty, health, hunger, illiteracy, and the environment in their local communities, and abroad.

NOW, THEREFORE, on this 15th day of October, 2013, the Mayor and Members of the City Council of the City of El Segundo, California, hereby proclaim October 24, 2013 as World Polio Day in El Segundo and encourage all citizens to join us, our El Segundo Rotary Club, and Rotary International in the fight for a polio-free world.

MAYOR BERT FISHER
Mayor Pro Tem Carl Jackson
Council Member Susanne Fuentes
Council Member Dave Adkinson
Council Member Mario Tolkuhner
PRESENTATION
MUSCULAR DYSTROPHY ASSOCIATION - FILL THE BOOT CAMPAIGN
MEGAN BERRY, DIRECTOR OF BUSINESS DEVELOPMENT
PROCLAMATION

MAKE A DIFFERENCE DAY
WHEREAS, On September 29, 2013 while on patrol, Officer Armando Rodriguez was dispatched to an emergency call of a single car collision that occurred on Aviation Blvd. north of El Segundo Blvd. where a four-door sedan collided with a power pole; and

WHEREAS, Upon impact, the car became engulfed in flames and the driver was trapped inside the vehicle. El Segundo Police Officer Rodriguez arrived on the scene and immediately, ran to help the driver. As Officer Rodriguez approached the vehicle the flames seemed to be growing. Officer Rodriguez was able to get the door open and could only see a foot. The female driver was lying across the passenger seat. Because of the smoke and flames Officer Rodriguez could not really see what direction the driver was lying. Officer Rodriguez reached into the darkness, felt for the woman’s body and was able to grab her and pull her from the burning vehicle. Officer Rodriguez’s actions put his own life in harms way; and

WHEREAS, As a result of Officer Rodriguez’s heroic act, he suffered smoke inhalation and minor burns and was transported to the hospital by paramedics. The driver, a 22 year-old female, was transported to the hospital with major trauma but survived her injuries; and

WHEREAS, The quick actions taken by of Officer Rodriguez resulted in saving the life of the accident victim.

NOW, THEREFORE, the Mayor and Members of the City Council of the City of El Segundo, California, hereby commend Officer Armando Rodriguez for his selfless efforts and heroic actions that save the life of an accident victim while putting his life on the line.

Mayor Bill Fisher
Mayor Pro Tem Carl Jacobson
Council Member Suzanne Fuentes
Council Member Dave Atkinson
Council Member Marie Fellhauer
AGENDA DESCRIPTION:
Consideration and possible action to open a public hearing and receive public testimony concerning adopting a resolution amending, in its entirety, the Zone 1 preferential parking area first established by Resolution No. 3333 and establishing a permit fee in accordance with the El Segundo Municipal Code ("ESMC"). Zone 1 will include the west curb line of Washington Street (from Maple Avenue to Walnut Avenue) and, also, both curb lines of Walnut Avenue (from Washington Street to California Street). (Fiscal Impact: None)

RECOMMENDED COUNCIL ACTION:
1. Open the public hearing;
2. Take public testimony;
3. Adopt a resolution amending, in its entirety, Resolution No. 3333 to reestablish the Zone 1 preferential parking area and establish a permit fee;
4. Alternatively, discuss and take other action related to this item.

ATTACHED SUPPORTING DOCUMENTS:
1. Resolution amending, in its entirety, Resolution No. 3333 to reestablish the Zone 1 preferential parking area and establishing a parking permit fee;
2. Map of proposed permit parking area.

FISCAL IMPACT: None
Amount Budgeted: N/A
Additional Appropriation: N/A
Account Number(s): N/A

ORIGINATED BY: Brian Evanski, Captain
REVIEWED BY: Mitch Tavera, Chief of Police
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:
In the area of Washington Street and Walnut Avenue, residential parking areas have historically experienced traffic and parking impacts caused by nearby commercial uses. The City Council has addressed this issue in the past. In 1985, the Council commissioned a Neighborhood Traffic Management Study, partly due to parking and traffic concerns in that area.
The study made many recommendations including restricted parking times and permit parking requirements for certain streets including Acacia Avenue between Center Street and the easterly terminus; Washington Street between Walnut Avenue and Maple Avenue; Walnut Avenue between California Street and Washington Street; and California Street between Walnut Avenue and the alley north of Acacia Avenue. In the early 1990s, the demand for parking spaces decreased and the permit parking requirements were removed.

In 2012, following a survey by the El Segundo Police Special Operations Division, it was determined that a permit parking program was desired by the residents of the Washington Plaza Home Owners Association and the program was again necessary.

On March 5, 2013, the City Council adopted Resolution No. 4809 which amended Resolution No.3333 and reinstated the parking permit program on the west curb line of Washington Street from Maple Avenue to Walnut Avenue; and the south curb line of Walnut Avenue adjacent the Washington Plaza Home Owners Association property.

On October 1, 2013, following another survey conducted by the El Segundo Police Special Operations Division, the Chief of Police provided an informational status report to the City Council outlining the desire and need to expand the permit parking program.

RECOMMENDATION

Based upon observations, surveys, and discussions with affected residents, it is recommended that the City Council adopt a resolution to reestablish the Zone 1 preferential parking area and establish a parking permit fee as defined within the draft resolution.
RESOLUTION NO. ______

A RESOLUTION AMENDING RESOLUTION NO. 3333, ADOPTED NOVEMBER 5, 1985, IN ITS ENTIRETY REGARDING PREFERENTIAL PARKING AREAS WITHIN THE CITY WHERE PARKING PERMITS MAY BE USED IN ACCORDANCE WITH EL SEGUNDO MUNICIPAL CODE CHAPTER 8-5A.

BE IT RESOLVED by the Council of the City of El Segundo as follows:

SECTION 1: The City Council finds and declares as follows:

A. This Resolution is adopted in accordance with El Segundo Municipal Code ("ESMC") Chapter 8-5A for the purpose of amending, in its entirety, Resolution No. 3333, adopted November 5, 1985 ("Resolution No. 3333") which establishes certain "preferential parking" areas;

B. This Resolution reviewed by the City’s Planning and Building Safety Department for consistency with the circulation element of the General Plan and conformity with the El Segundo Municipal Code ("ESMC");

C. The City reviewed this Resolution’s environmental impacts under the California Environmental Quality Act (Public Resources Code §§ 21000, et seq., “CEQA”), the regulations promulgated thereunder (14 Cal. Code of Regulations §§15000, et seq., the “CEQA Guidelines”), and the City’s Environmental Guidelines (City Council Resolution No. 3805, adopted March 16, 1993);

D. On October 15, 2013 the City Council held a public hearing to receive public testimony and other evidence regarding, in part, this Resolution including, without limitation, information provided to the Council by the Police Department; and

E. This Resolution, and its findings, are made based upon the evidence presented to the Council at its October 15, 2013 hearing.

SECTION 2: Findings. Pursuant to ESMC § 8-5A-4, the City Council makes the following findings:

A. Regular Interference. That nonresident vehicles substantially and regularly interfere with the use of the majority of parking spaces within Zone 1 (as defined below). This is primarily attributable to the use of parking spaces by employees of neighboring businesses;
B. **Regular Intervals.** Such interference occurs on a daily basis within Zone 1, particularly during work days;

C. **Noise.** These nonresident vehicles significantly contribute to unreasonable noise; traffic hazards; and environmental pollution within Zone 1; and

D. **Shortage Of Parking Spaces.** Residents within Zone 1 are unable to reasonably and conveniently utilize parking spaces that are adjacent to their dwelling units.

SECTION 3: *Creation of Zone 1 Preferential Parking Area.* Pursuant to ESMC § 8-5A-3, the City Council establishes a Zone 1 Preferential Parking Area which is graphically depicted in attached Exhibit “A,” which is incorporated by reference, and described as follows:

"ZONE 1. No parking between the hours of 10:00 A.M. and 11:00 A.M. and between 2:00 P.M. and 3:00 P.M., Monday through Friday, except by permit on the west curb line of Washington Street (from Maple Avenue to Walnut Avenue) and, also, both curb lines of Walnut Avenue (from Washington Street to California Street)."

SECTION 4: *Parking Restrictions.* Vehicles parking within Zone 1 must comply with ESMC Chapter 8-5A including, without limitation, ESMC § 8-5A-10. The Police Chief, or designee, is authorized to enforce this Resolution.

SECTION 5: *Permit Fees.* Pursuant to ESMC § 8-5A-7(A)(4), the City Council establishes a fee of $0 for obtaining a permit pursuant to this Resolution.

SECTION 6: *Environmental Assessment.* This Resolution is exempt from the requirements of the California Environmental Quality Act (Pub. Res. Code §§ 21000, et seq.; “CEQA”) and CEQA Guidelines (Cal. Code Regs. Title 14, §§ 15000, et seq.) in accordance with CEQA Guidelines § 15305 (Class 5 – Minor Alterations in Land Use Limitations). The project involves a negligible expansion of use; there is only a minor change in the operation of an existing use. The project would not result in significant effects related to traffic, noise, air quality, or water quality and it can be adequately served by all required utilities and public services.

SECTION 7: *Notification.* The Public Works Director, or designee, is authorized to erect such street signs as are needed to properly notify the general public of the restrictions on parking in the preferential parking zone created through this Resolution.

SECTION 8: *Supersession.* Supersession of previous preferential parking zones does not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before this Resolution’s effective date. Any such superseded part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Resolution.
SECTION 9: Effective Date of this Resolution. This Resolution will become effective immediately upon adoption and will remain in effect unless repealed or superseded.

PASSED AND ADOPTED this ___ day of __________, 2013.

Bill Fisher, Mayor

ATTEST:

Tracy Sherrill Weaver,
City Clerk

APPROVED AS TO FORM:
MARK D. HENSLEY, City Attorney

By:

Karl Berger,
Assistant City Attorney
EL SEGUNDO CITY COUNCIL
AGENDA STATEMENT
AGENDA HEADING: Special Order of Business-Public Hearing

AGENDA DESCRIPTION:
Consideration and possible action to open a public hearing and receive testimony regarding: 1) an Environmental Assessment for a Categorical Exemption; and 2) a Zone Text Amendment to modify El Segundo Municipal Code (ESMC) regulations regarding the definition of “Setback” located in ESMC §15-1-6 and corrections to the table entitled “Drive Aisle Width and Parking Space Depth” located in ESMC §15-15-5(N)(1). Applicant: City Initiated (Fiscal Impact: None)

RECOMMENDED COUNCIL ACTION:
1. Open Public Hearing;
2. Discussion;
3. Introduce and waive first reading of an Ordinance for Environmental Assessment No. EA 1002 and Zone Text Amendment No. 12-06;
4. Schedule second reading and adoption of Ordinance on November 5, 2013; and/or
5. Alternatively, discuss and take other possible related action to this item.

ATTACHED SUPPORTING DOCUMENTS:
1. Draft Ordinance
3. Planning Commission Resolution No. 2738

FISCAL IMPACT: None

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ORIGINATED BY: Kimberly Christensen, AICP, Planning Manager
REVIEWED BY: Sam Lee, Director of Planning and Building Safety
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:

I. Background and Analysis

On September 24, 2013, the Planning Commission held a public hearing on the proposed Environmental Assessment and Zone Text Amendment to modify El Segundo Municipal Code (ESMC) regulations regarding the definition of “Setback” located in ESMC § 15-1-6 and the table entitled “Drive Aisle Width and Parking Space Depth” located in ESMC §

II. Environmental Review

The proposed zone text amendment is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “CEQA Guidelines”) because it consists only of minor revisions and clarifications to existing regulations and specification of procedures related thereto and consists of actions taken to assure the maintenance, or protection and enhancement of the environment. This ordinance, therefore, does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt from further CEQA review under 14 Cal. Code Regs. §§ 15305 and 15308.

III. Planning Commission Action

At its September 24, 2013 meeting, the Planning Commission reviewed the matter, considered the public testimony, and recommended to the City Council approval of Environmental Assessment No. EA-1002 and Zone Text Amendment No. 12-06. No members of the public spoke at the Planning Commission meeting or submitted any written correspondence regarding this matter.

IV. Recommendation

Planning staff recommends that the City Council introduce and waive first reading of the attached draft Ordinance to approve Environmental Assessment No. EA-1002. Second reading and adoption of the Ordinance would occur on November 5, 2013.
ORDINANCE NO. ____


The City Council of the City of El Segundo does ordain as follows:

SECTION 1: The City Council finds and declares as follows:

A. On October 10, 2012, the City of El Segundo initiated an application for Environmental Assessment No. EA-1002 and Zone Text Amendment No. 12-06 to amend the ESMC definition of setback and modify the ESMC table identifying off-street parking drive aisle width and parking space depth;

B. The application was prepared and reviewed by the City’s Planning and Building Safety Department for, in part, consistency with the General Plan and conformity with the ESMC;

D. The City reviewed the project’s environmental impacts under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the CEQA Guidelines”) and the City’s Environmental Guidelines (City Council Resolution No. 3805, adopted March 16, 1993);

E. The Planning and Building Safety Department completed its review and scheduled the public hearing regarding the application before the Planning Commission for September 26, 2013;

F. On September 26, 2013, the Planning Commission held a public hearing to receive public testimony and other evidence regarding the proposed amendment, including, without limitation, information provided to the Planning Commission by City staff and public testimony;

G. On September 26, 2013, the Planning Commission adopted Resolution No. 2738 recommending the City Council approve Environmental Assessment No. EA-1002 and Zone Text Amendment No. 13-06;
H. On October 15, 2013, the City Council held a public hearing and considered the information provided by City staff and public testimony regarding this Ordinance; and

I. This Ordinance and its findings are made based upon the entire administrative record including, without limitation, testimony and evidence presented to the City Council at its October 15, 2013 hearing and the staff report submitted by the Planning and Building Safety Department.

SECTION 2: Findings. The City Council incorporates by reference all of the findings and conclusions set forth in Planning Commission Resolution No. 2738 as if fully set forth including, without limitation, the Environmental Assessment set forth in Section 3 of Resolution No. 2738.

SECTION 3: The definition of “SETBACK” in ESMC §15-1-6 captioned “Definitions” is amended in its entirety as follows:

“SETBACK: The minimum required distance between the interior lot line or the edge of public right-of-way and the building line.”

SECTION 4: The table entitled “Drive Aisle Width and Parking Space Depth” in ESMC § 15-15-5(n)(1) is amended in its entirety as follows:

<table>
<thead>
<tr>
<th>Parking angle</th>
<th>Aisle width - one way</th>
<th>Aisle width - two way</th>
<th>Standard space depth</th>
<th>Compact space depth</th>
<th>Space width</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° - parallel</td>
<td>12 feet</td>
<td>18 feet</td>
<td>8.5 feet</td>
<td>8.5 feet</td>
<td>24 feet</td>
</tr>
<tr>
<td>30°</td>
<td>12 feet</td>
<td>18 feet</td>
<td>16.36 feet</td>
<td>14.86 feet</td>
<td>17 feet</td>
</tr>
<tr>
<td>45°</td>
<td>15 feet</td>
<td>18 feet</td>
<td>18.74 feet</td>
<td>16.62 feet</td>
<td>12.02 feet</td>
</tr>
<tr>
<td>60°</td>
<td>16 feet</td>
<td>18 feet</td>
<td>19.84 feet</td>
<td>17.24 feet</td>
<td>9.82 feet</td>
</tr>
<tr>
<td>90°</td>
<td>25 feet</td>
<td>25 feet</td>
<td>18 feet</td>
<td>15 feet</td>
<td>8.5 feet</td>
</tr>
</tbody>
</table>

SECTION 5: CONSTRUCTION. This Ordinance must be broadly construed in order to achieve the purposes stated in this Ordinance. It is the City Council’s intent that the provisions of this Ordinance be interpreted or implemented by the City and others in a manner that facilitates the purposes set forth in this Ordinance.

SECTION 6: ENFORCEABILITY. Repeal or amendment of any provision of the El Segundo Municipal Code does not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before this Ordinance’s effective date. Any such repealed or amended part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.
SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal or amendment of the ESMC or other city ordinance by this Ordinance will be rendered void and cause such previous ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 8: If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 9: The City Clerk is directed to certify the passage and adoption of this Ordinance; cause it to be entered into the City of El Segundo’s book of original ordinances; make a note of the passage and adoption in the records of this meeting; and, within fifteen (15) days after the passage and adoption of this Ordinance, cause it to be published or posted in accordance with California law.
SECTION 10: This Ordinance will become effective on the thirty-first (31st) day following its passage and adoption.

PASSED AND ADOPTED this ____ day of ________, 2013.

__________________________
Bill Fisher, Mayor

ATTEST:

STATE OF CALIFORNIA  )
COUNTY OF LOS ANGELES   )  SS
CITY OF EL SEGUNDO       )

I, Tracy S. Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. ____ was duly introduced by said City Council at a regular meeting held on the ____ day of ________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the ____ day of ________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

__________________________
Tracy S. Weaver, City Clerk

APPROVED AS TO FORM:
Mark D. Hensley, City Attorney

By: _______________________
    Karl H. Berger, Assistant City Attorney
CITY OF EL SEGUNDO

PLANNING COMMISSION STAFF REPORT

PUBLIC HEARING: September 26, 2013

SUBJECT: Environmental Assessment No. EA-1002 and Zone Text Amendment ZTA 12-06

APPLICANT: City of El Segundo

PROPERTY OWNER: Various

REQUEST: Zone Text Amendment to amend El Segundo Municipal Code (ESMC) §15-1-6 modifying the definition of setback and modifying ESMC §15-15-5(N)(1), the table identified as Drive Aisle Width and Parking Space Depth.

PROPERTY INVOLVED: Citywide

I. Introduction

The proposed project is an Environmental Assessment and a Zone Text Amendment to modify El Segundo Municipal Code (ESMC) regulations regarding the definition of "Setback" located in ESMC §15-1-6 and corrections to the table entitled "Drive Aisle Width and Parking Space Depth" located in ESMC §15-15-5(N)(1).

II. Recommendation

Planning staff recommends that the Planning Commission review the facts as contained within this report and submitted during the public hearing, and then adopt Resolution No. 2738 recommending that the City Council approve Environmental Assessment No. 1002 and Zone Text Amendment 12-06.
III. Background

Setback Definition

The current definition of "Setback" in ESMC §15-1-6 is "The minimum required distance between the property line and the building line." Staff identified this definition as problematic because many parcels in the City have property lines underlying existing public streets. Strict interpretation of the current definition of "Setback" would require the measurement of a setback from a location within a public street. This would result in building setback distances that do not meet the intention of having a setback, which is to provide yard areas around buildings on private property. Replacing the term "property line" with "interior lot line or the edge of public right-of-way" in the "Setback" definition would clarify the City's building setback requirement. Identifying the edge of the public right-of-way as the location from which a setback measurement makes it clear that a setback area does not include a street, even if a landowner may have underlying property rights under a public street.

Drive Aisle Width and Parking Space Depth

On August 3, 2010 the City Council adopted a zone text amendment that amended the City's parking and loading regulations. These amended parking regulations included a table (ESMC § 15-15-5(n)(1)) entitled "General drive aisle width and parking space depth requirements." Unfortunately incorrect dimensions were provided in the "Standard space depth," "Compact space depth" and "Space width" columns in this table. Parking spaces deficient in both width and depth would be striped if the numbers provided in the current table were applied to a parking lot design.

IV. Analysis

Setback Definition

The proposed amendment is as follows, in strike-through/underline format:

"SETBACK: The minimum required distance between the property interior lot line or the edge of public right-of-way and the building line."

Existing City regulations

The existing City definition of "Setback" references the property line as the location from which a setback is taken. This definition is problematic as parcels in the City have legal property lines under adjacent public streets. For example, parcels in the Smoky Hollow specific plan area have official property lines in the middle of the public street because the area has been granted to the City for public use in
perpetuity through a street deed. Streets in Smoky Hollow are typically 50-feet wide, because parcels on each side of the street have granted the city a 25-foot wide street deed. The two zoning designations for Smoky Hollow are Small Business (SB) and Medium Manufacturing (MM). The front setback requirement is 3-feet for the SB zone and 10-feet for the MM zone. As the property line is 25-feet from the edge of the street, the 3- and 10-foot setback requirements obviously conflict with the location of the public street. Clearly the intent of the SB and MM front setbacks is to provide a buffer on the parcel between the building and the public street that the building faces, therefore the setback should be taken from the edge of the public street.

Proposed Ordinance

Changing the term “property line” to “interior lot line or the edge of public right-of-way” would clarify the location from which setbacks should be measured and specifically exclude any portion of a property that is underneath a public street. The revised language also identifies that when a public street does not conflict with a property line (an interior lot line situation) then the lot line is used for measuring the setback.

Drive Aisle Width and Parking Space Depth

The proposed amendment to the table entitled “Drive Aisle Width and Parking Space Depth” (ESMC §15-15-5(N)(1)) is as follows, in strike-through/underline format:

<table>
<thead>
<tr>
<th>Parking angle</th>
<th>Aisle width - one way</th>
<th>Aisle width - two way</th>
<th>Standard space depth</th>
<th>Compact space depth</th>
<th>Space width</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° - parallel</td>
<td>12 feet</td>
<td>18 feet</td>
<td>8.5 feet</td>
<td>8.5 feet</td>
<td>24 feet</td>
</tr>
<tr>
<td>30°</td>
<td>12 feet</td>
<td>18 feet</td>
<td>9-16.36 feet</td>
<td>7-5-14.86 feet</td>
<td>7-6-17 feet</td>
</tr>
<tr>
<td>45°</td>
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<td>18 feet</td>
<td>9-16.74 feet</td>
<td>10-6-16.62 feet</td>
<td>10-6-12.02 feet</td>
</tr>
<tr>
<td>60°</td>
<td>16 feet</td>
<td>18 feet</td>
<td>18 feet</td>
<td>14-17.24 feet</td>
<td>14-9.82 feet</td>
</tr>
<tr>
<td>90°</td>
<td>25 feet</td>
<td>25 feet</td>
<td>18 feet</td>
<td>15 feet</td>
<td>8.5 feet</td>
</tr>
</tbody>
</table>

Existing City regulations

The City’s parking area development standards (ESMC § 15-15-5) includes a table entitled “Drive Aisle Width and Parking Space Depth”. This table was adopted as part of the comprehensive re-write of the City’s parking standards in 2010. The table identifies four dimension requirements for parking spaces. These dimensions are: A) Parking stall angle, B) aisle width (one- and two-way), C) space depth
(standard and compact), and D) space width (standard and compact). Each of these features identified in the table references a letter that is keyed to the letters identified in Figure 7, as shown below:

**FIGURE 7 - PARKING AISLE AND PARKING SPACE DIMENSIONS**

The goal of the existing “Drive Aisle Width and Parking Space Depth” table is to provide a standard size parking stall 8.5-feet wide by 18-feet deep and a compact parking stall 8.5-feet wide by 18-feet deep for parking stalls at 0°, 30°, 45°, 60°, and 90°. Currently the dimensions provided in the “space depth” and “space width” columns do not achieve this goal for 30°, 45° and 60° parking angle spaces. The current dimensions result in spaces substantially shorter and narrower than the City’s standard and compact parking stall requirement.
Proposed Ordinance

Modifying the required dimensions in the “space depth” and “space width” columns for 30°, 45° and 60° parking angle spaces will result in standard and compact parking stalls that meet the City’s standards for minimum width and depth.

V. GENERAL PLAN AND ZONING CONSISTENCY

Consistency with the El Segundo Municipal Code

Pursuant to ESMC Title 15, Chapter 26 (Amendments), in order to recommend City Council approval of the proposed amendments, the Planning Commission must find that the amendments are necessary to carry out the general purpose of ESMC Title 15. The purpose of this Title (ESMC § 15-1-1) is to serve the public health, safety, and general welfare and to provide economic and social advantages resulting from an orderly planned use of land resources. Planning staff believes that the Planning Commission can make the findings in order to recommend City Council approval of the proposed amendment. The findings are discussed in the proposed resolution.

Consistency with the El Segundo General Plan

ESMC § 15-1-1 (Purpose, Title) states that Title 15 is the primary tool for implementation of the goals, objectives, and policies of the El Segundo General Plan. Accordingly, the Planning Commission must find that the proposed Zone Text Amendment is consistent with those goals, objectives, and policies. Planning staff believes that the Planning Commission can make the findings in order to recommend City Council approval of the proposed amendment. The findings are discussed in the proposed resolution.

VI. ENVIRONMENTAL REVIEW

The proposed zone text amendment is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “CEQA Guidelines”) because it consists only of minor revisions and clarifications to existing regulations and specification of procedures related thereto and consists of actions taken to assure the maintenance, protection and enhancement of the environment. This ordinance, therefore, does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt from further CEQA review under 14 Cal. Code Regs. §§ 15305, and 15308.
VII. CONCLUSION

The proposed Zone Text Amendment to ESMC § 15-1-6 clarifies the definition of "Setback" and corrects the table entitled "Drive Aisle Width and Parking Space Depth" located in ESMC §15-15-5(N)(1). Staff recommends that the Planning Commission adopt Resolution No. 2738, recommending that the City Council approve Environmental Assessment No. EA-1002 and Zone Text Amendment No. 12-06.

VIII. EXHIBITS

A. Draft Planning Commission Resolution No. 2738, including Draft Council Ordinance

Prepared by: Masa Alkire, AICP, Principal Planner

Masa Alkire, AICP, Acting Planning Manager
Department of Planning & Building Safety

Sam Lee, Director
Department of Planning & Building Safety

P:\Planning and Building Safety\0 Planning – Old\PROJECTS\EA 1002\EA-1002 PC SR.doc
RESOLUTION NO. 2738


(EA NO. 1002 and ZTA NO. 12-06)

The Planning Commission of the City of El Segundo does resolve as follows:

SECTION 1: The Planning Commission finds and declares that:

A. On October 10, 2012, the City of El Segundo initiated an application for Environmental Assessment No. EA-1002 and Zone Text Amendment No. 12-06 to amend the ESMC definition of setback and modify the ESMC table identifying off-street parking drive aisle width and parking space depth;

B. The application was prepared and reviewed by the City’s Planning and Building Safety Department for, in part, consistency with the General Plan and conformity with the ESMC;

C. The City reviewed the project’s environmental impacts under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “CEQA Guidelines”), and the City’s Environmental Guidelines (City Council Resolution No. 3805, adopted March 16, 1993);

E. The Planning and Building Safety Department completed its review and scheduled the public hearing regarding the application before the Planning Commission for September 26, 2013;

F. On September 26, 2013, the Planning Commission held a public hearing to receive public testimony and other evidence regarding the proposed amendment, including, without limitation, information provided to the Planning Commission by City staff and public testimony; and

G. This Resolution and its findings are made based upon the evidence presented to the Commission at its September 26, 2013 hearing including, without limitation, the staff report submitted by the Planning and Building Safety Department.

SECTION 2: Factual Findings And Conclusions. The Commission finds that the proposed ordinance to amend the definition of “Setback” in ESMC §15-1-6 and amend
the table entitled "Drive Aisle Width and Parking Space Depth" located in ESMC §15-15-5(N)(1) will accomplish the following:

A. It clarifies the location on a property from where a setback distance is measured from. Changing terminology from property line to lot line makes it clear that City setback areas do not any area within a public street.

B. It corrects an existing error in the City’s parking development standards that will result in off-street parking stalls that are deficient in width and length.

SECTION 3: Environmental Assessment. Because of the facts set forth in Section 2, the proposed Ordinance is exempt from further review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “CEQA Guidelines”) because it consists only of minor revisions to an existing zoning code and will not have the effect of deleting or substantially changing any required regulatory standards or findings. The proposed Ordinance is an action that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §15305 as a minor alteration in land use limitation which does not result in any changes in land use or density. Moreover, any environmental impacts associated with the proposed Ordinance are adequately addressed in the General Plan FEIR certified on December 1, 1992. Consequently, no further environmental review is required pursuant to 14 California Code of Regulations § 15168(c)(2).

SECTION 4: General Plan Findings. As required under Government Code § 65860 the ESMC amendments proposed by the Ordinance are consistent with the El Segundo General Plan as follows:

A. The proposed zone text amendment conforms with the Land Use Element Goals, Objectives and Policies. Specifically, the zone text amendment is consistent with Land Use Element Policies LU1-2.2 and LU1-5.6 in that the amendment, which clarifies and corrects the ESMC, will help ensure that properties will be maintained at all times in accordance with the ESMC and also ensure projects adhere to the ESMC zoning processing and review regulations.

B. The proposed zone text amendment is also consistent with Land Use Element Policy LU4-1.3 in that the amendment to clarify setback requirements will help maintain an adequate buffer between commercial development and any residentially zoned areas.

C. The proposed zone text amendment is consistent with Circulation Element Goals, Objectives and Policies. Specifically, it is consistent with Circulation Element Policy C1-1.16 as provision of an adequate setback on a property will help protect land area that could be used future right-of-way to
accommodate future circulation system improvements.

D. The proposed zone text amendment is also consistent with Circulation Element Policies C3-2.1 and C3.2.2 in that the amendment will ensure that sufficiently sized on-site parking will be provided in all new development and the amendment is intended to update the City’s parking code.

E. The proposed zone text amendment is consistent with the Conservation Element Goals, Objectives and Policies. Specifically, it is consistent with Conservation Element Policy CN5-1 in that making sure properties provide sufficient setback areas will help preserve the character and quality of existing neighborhood and civic landscapes.

SECTION 5: Zone Text Amendment Findings. In accordance with ESMC § 15-26-4 and based on the findings set forth in Section 2, the proposed Ordinance is consistent with the goals, policies, and objectives of the ESMC as follows:

A. It is consistent with the purpose of the ESMC, which is to serve the public health, safety, and general welfare and to provide the economic and social advantages resulting from an orderly planned use of land resources.

B. It is necessary to facilitate the development process and ensure the orderly development of new structures on properties and to ensure that adequate off-street parking is provided.

SECTION 6: Recommendations. The Planning Commission recommends that the City Council adopt the ordinance set forth in attached Exhibit “A,” which is incorporated into this ordinance by reference.

SECTION 7: Reliance On Record. Each and every one of the findings and determination in this Resolution are based on the competent and substantial evidence, both oral and written, contained in the entire record relating to the project. The findings and determinations constitute the independent findings and determinations of the Planning Commission in all respects and are fully and completely supported by substantial evidence in the record as a whole.

SECTION 8: Limitations. The Planning Commission’s analysis and evaluation of the project is based on the best information currently available. It is inevitable that in evaluating a project that absolute and perfect knowledge of all possible aspects of the project will not exist. One of the major limitations on analysis of the project is the Planning Commission’s lack of knowledge of future events. In all instances, best efforts have been made to form accurate assumptions. Somewhat related to this are the limitations on the city’s ability to solve what are in effect regional, state, and national problems and issues. The City must work within the political framework within which it exists and with the limitations inherent in that framework.
SECTION 9: This Resolution will remain effective until superseded by a subsequent resolution.

SECTION 10: The Commission secretary is directed to mail a copy of this Resolution to any person requesting a copy.

SECTION 11: This Resolution may be appealed within ten (10) calendar days after its adoption. All appeals must be in writing and filed with the City Clerk within this time period. Failure to file a timely written appeal will constitute a waiver of any right of appeal.

PASSED AND ADOPTED this 26th day of September, 2013.

__________________________
David Wagner, Chairperson
City of El Segundo Planning Commission

ATTEST:

__________________________
Sam Lee, Secretary

Wagner  -
Baldino -
Newman -
Nicol  -
Nisley  -

APPROVED AS TO FORM:
Mark D. Hensley, City Attorney

By: ____________________________
Karl H. Berger, Assistant City Attorney

P:\Planning & Building Safety\0 Planning - Old\PROJECTS (Planning)\1000-1025\EA-1002
CITY OF EL SEGUNDO
WARRANTS TOTALS BY FUND

2594565 - 2594745

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</tr>
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</table>

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
Information on actual expenditures is available in the Director of Administrative Services office in the City of El Segundo.

I certify as to the accuracy of the Demands and the availability of fund for payment thereof.

For Approval: Regular checks held for City council authorization to release.

CODES:
R = Computer generated checks for all non-emergency/emergency payments for materials, supplies and services in support of City Operations

For Ratification:
A = Payroll and Employee Benefit checks

B - F = Computer generated Early Release disbursements and/or adjustments approved by the City Manager. Such as: payments for utility services, petty cash and employee travel expense reimbursements, various refunds, contract employee services consistent with current contractual agreements, instances where prompt payment discounts can be obtained or late payment penalties can be avoided or when a situation arises that the City Manager approves.

H = Handwritten Early Release disbursements and/or adjustments approved by the City Manager.

FINANCE DIRECTOR: [Signature] DATE: 10/12/13
CITY MANAGER: [Signature] DATE: 10-2-13

VOID CHECKS DUE TO ALIGNMENT: N/A
VOID CHECKS DUE TO INCORRECT CHECK DATE: N/A
VOID CHECKS DUE TO COMPUTER SOFTWARE ERROR: N/A
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## CITY OF EL SEGUNDO
### PAYMENTS BY WIRE TRANSFER
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<td>Workers Comp Activity</td>
<td>89,516.57</td>
<td>SCRMA checks issued</td>
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**TOTAL PAYMENTS BY WIRE:**

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<td>9/13-9/26/13</td>
<td>853,403.74</td>
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**DATE OF RATIFICATION: 10/15/13**

Certified as to the accuracy of the wire transfers by:

- **Deputy City Treasurer II**
  - Date: 10/2/13

- **Director of Finance**
  - Date: 10/2/13

- **City Manager**
  - Date: 10-2-13

Information on actual expenditures is available in the City Treasurer's Office of the City of El Segundo.
CALL TO ORDER – Mayor Fisher at 5:03 PM

ROLL CALL

Mayor Fisher - Present
Mayor Pro Tem Jacobson - Present
Council Member Fuentes - Present
Council Member Atkinson - Present
Council Member Fellhauer - Present

PLEDGE OF ALLEGIANCE – Sandy Jacobs, Chamber of Commerce President

PUBLIC COMMUNICATIONS - (Related to City Business Only - 5 minute limit per person, 30 minute limit total). Individuals who have received value of $50 or more to communicate to the City Council on behalf of another, and employees speaking on behalf of their employer, must so identify themselves before addressing the City Council. Failure to do so is a misdemeanor and punishable by fine of $250.
Sandy Jacobs read a letter written from Marisa Scarda at Natural Simplicity concerning the proposed tax measures.
Edward Apodaca, General Manager of Courtyard by Marriott Hotel, would like a discussion amongst the businesses and Council to collaborate on the possible tax measures.
Marsha Hansen – Chamber of Commerce President and CEO – thanked Greg Carpenter and Deborah Cullen for meeting with the Chamber, however, more needs to be done. Need a balanced approach to dealing with the budget.

CITY COUNCIL COMMENTS – (Related to Public Communications)

A. PROCEDURAL MOTIONS:

Consideration of a motion to read all ordinances and resolutions on the Agenda by title only.

MOTION by Council Member Fellhauer, SECONDED by Mayor Pro Tem Jacobson to read all ordinances and resolutions on the Agenda by title only. MOTION PASSED BY UNANIMOUS VOICE VOTE. 5/0
B. UNFINISHED BUSINESS:

1. Consideration and possible action to direct staff to prepare the necessary documents to potentially: amend the City's tax codes for purposes of increasing the City's revenues, including but not limited to: potentially eliminating the sales tax credit granted to businesses and create a parking lot tax as part of the City's business license taxes ("BLT"); increasing the utility user tax ("UUT"); increasing the transient occupancy tax ("TOT"); and imposing a UUT on the residents. Additionally, direct staff as to whether to prepare an advisory ballot measure that would reflect whether or not the voters believe a portion of any proposed tax increase should be provided to the El Segundo Unified School District.  
   (Fiscal Impact: Unknown)

Greg Carpenter, City Manager, gave a presentation.

Council Discussion

Karl Berger, City Attorney, answered various questions for Council

Council consensus to direct staff to prepare a public information program related to the City's financial situation, coordinate dates, times and venues for the public information program meetings, set up a time and place for Commission, Committee, and Board members to meet and listen to the information as well.

C. CONSENT AGENDA:

All items listed are to be adopted by one motion without discussion and passed unanimously. If a call for discussion of an item is made, the item(s) will be considered individually under the next heading of business.

2. Consideration and possible action to adopt Resolution No. 4844 approving a revised Final Vesting Map No. 71820, and authorize the appropriate City Official(s) to sign and record the Final Vesting Map.
   (No Fiscal Impact)

MOTION by Council Member Fellhauer, SECONDED by Mayor Pro Tem Jacobson to approve Consent Agenda item 2.  MOTION PASSED BY UNANIMOUS VOICE VOTE.  5/0

Moved to Closed Session at 6:38 PM.

CLOSED SESSION:

The City Council moved into a closed session pursuant to applicable law, including the Brown Act (Government Code Section §54960, et seq.) for the purposes of conferring with the City's Real Property Negotiator; and/or conferring with the City Attorney on potential and/or existing litigation; and/or discussing matters covered under Government Code Section §54957 (Personnel); and/or conferring with the City's Labor Negotiators; as follows:

CONFERENCE WITH REAL PROPERTY NEGOTIATOR (Gov't Code §54956.8): -1- matters
1. Lease of City Owned Property (Price and Terms)
   Real Property: City Owned Golf Course ("The Lakes") located at Sepulveda Boulevard
   (Assessor Parcel Number: 4138-014-913).
   City’s Negotiator: Greg Carpenter, City Manager
   Potential Lessee/Negotiating Party: Centercal Properties, Inc.

ADJOURNMENT at 7:05 PM

Tracy Weaver, City Clerk
REGULAR MEETING OF THE EL SEGUNDO CITY COUNCIL
TUESDAY, OCTOBER 1, 2013 – 5:00 PM

5:00 P.M. SESSION

CALL TO ORDER – Mayor Fisher at 5:00 PM

ROLL CALL

Mayor Fisher - Present
Mayor Pro Tem Jacobson - Present
Council Member Fuentes - Present
Council Member Atkinson - Present
Council Member Fellhauer - Present

PUBLIC COMMUNICATION – (Related to City Business Only – 5 minute limit per person, 30 minute limit total) Individuals who have received value of $50 or more to communicate to the City Council on behalf of another, and employees speaking on behalf of their employer, must so identify themselves prior to addressing the City Council. Failure to do so shall be a misdemeanor and punishable by a fine of $250.

Mayor Fisher announced that Council would be meeting in closed session pursuant of the items listed on the agenda.

SPECIAL ORDER OF BUSINESS:

CLOSED SESSION:
The City Council moved into a closed session pursuant to applicable law, including the Brown Act (Government Code Section §54960, et seq.) for the purposes of conferring with the City’s Real Property Negotiator; and/or conferring with the City Attorney on potential and/or existing litigation; and/or discussing matters covered under Government Code Section §54957 (Personnel); and/or conferring with the City’s Labor Negotiators; as follows:

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Gov’t Code §54956.9(d) (3) -2- matter

1. City of El Segundo vs. City of Los Angeles, et.al. LASC Case No. BS094279
2. City of Los Angeles vs. Pacific Bell Telephone Company, et al., LASC Case No. BC414272
3. Gluck vs. City of El Segundo, LASC Case No. C068662

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Significant exposure to litigation pursuant to Government Code §54956.9(d) (2) and (3): -0- matter.

Initiation of litigation pursuant to Government Code §54956.9(c): -3- matter.

DISCUSSION OF PERSONNEL MATTERS (Gov't Code § 54957): -0- matter

APPOINTMENT OF PUBLIC EMPLOYEE (Gov't. Code § 54957) -0- matter

CONFERENCE WITH CITY’S LABOR NEGOTIATOR (Gov't Code §54957.6): -0- matters

CONFERENCE WITH REAL PROPERTY NEGOTIATOR (Gov't Code §54956.8): -1- matters

1. Lease of City Owned Property (Price and Terms)
   Real Property: City owned Golf Course (“The Lakes”) located at Sepulveda Boulevard (Assessor Parcel Number: 4138-014-913).
   City’s Negotiator: Greg Carpenter, City Manager
   Potential Lessee/Negotiating Party: Centercal Properties, Inc.
REGULAR MEETING OF THE EL SEGUNDO CITY COUNCIL
TUESDAY, OCTOBER 1, 2013 - 7:00 P.M.

7:00 P.M. SESSION

CALL TO ORDER – Mayor Fisher at 7:01 PM

INVOCATION – City Clerk, Tracy Weaver

PLEDGE OF ALLEGIANCE – Mayor Pro Tem Carl Jacobson

PRESENTATIONS

a) Presentation - 2013 Most Business Friendly City Finalist from the Los Angeles Economic Development Corporation. Representative Barbara Voss gave a presentation. El Segundo’s video was shown, the video is part of the application process.

Council Discussion

ROLL CALL

Mayor Fisher - Present
Mayor Pro Tem Jacobson - Present
Council Member Fuentes - Present
Council Member Atkinson - Present
Council Member Fellhauer - Present

PUBLIC COMMUNICATIONS – (Related to City Business Only – 5 minute limit per person, 30 minute limit total) Individuals who have received value of $50 or more to communicate to the City Council on behalf of another, and employees speaking on behalf of their employer, must so identify themselves prior to addressing the City Council. Failure to do so shall be a misdemeanor and punishable by a fine of $250. While all comments are welcome, the Brown Act does not allow Council to take action on any item not on the agenda. The Council will respond to comments after Public Communications is closed.

Jeff Gurney, Engineer ESFD, member of the El Segundo Firefighter Association, stated the Fire Department will be wearing customized pink t-shirts for the month of October in support of Breast Cancer Awareness Month. The shirts can be purchased at both Fire Stations for $20.00 each, the proceeds will be donated to the Susan G Koman Breast Cancer Foundation.

Phyllis Langdon, 1434 E. Walnut, stated her concerns with the parking permit program and is not satisfied with what is being done to answer her concerns.
Mike Mullin, 1407 E Walnut, would like the Council to do something about the employees parking on the streets and not in their lots. Mr. Mullin also mentioned speeding is becoming an issue.

John Gutt, resident, spoke against a Top Golf facility in El Segundo.

Debra Geist, Manhattan Beach resident, for the record a demand was delivered to the Council to Cease and desist from practices violating the Ralph M. Brown Act as per her letter delivered to Council on Oct. 1, 2013 concerning Top Golf. Ms. Geist also displayed pictures of other Top Golf facilities. Ms. Geist is not in favor of a Top Golf facility.

Julia Lau, 819 Washington, has seen some easement in non-resident parking. Ms. Lau stated that the lots charge approximately $65.00 a month for a parking permit and interns with the businesses don’t want to pay this fee, therefore, they are parking on public streets vs. the parking lots.

Karen Wilson, 1503 E Walnut, stated her dissatisfaction with the Parking Permit Program.

CITY COUNCIL COMMENTS – (Related to Public Communications)
Council Member Fuentes was unaware of the Parking situation presented this evening. Council Member Fellhauer stated she was aware of the parking situation, but that we are in the 6 month review process. Chief Tavera is giving an update this evening.

A. PROCEDURAL MOTIONS

Consideration of a motion to read all ordinances and resolutions on the Agenda by title only.

MOTION by Mayor Pro Tem Jacobson, SECONDED by Council Member Fellhauer to read all ordinances and resolutions on the agenda by title only. MOTION PASSED BY UNANIMOUS VOICE VOTE. 5/0

B. SPECIAL ORDERS OF BUSINESS (PUBLIC HEARING)

1. Consideration and possible action to adopt a Resolution for a General Plan Amendment updating the Housing Element for the planning period extending from January 2006 to June 2014. Applicant: City of El Segundo.
   (Fiscal Impact: None)

Mayor Fisher stated this was the time and place to conduct a Public Hearing and receive public testimony to: Adopt a resolution approving Environmental Assessment No. 722 and General Plan Amendment No. 07-01

Clerk Weaver stated that proper notice had been done and no written communications had been received in the Clerk’s Office.
Kimberly Christensen, Planning Manager, gave a presentation.

Opened Public Hearing

MOTION by Mayor Pro Tem Jacobson, Seconded by Council Member Fuentes to close the Hearing. MOTION PASSED BY UNANIMOUS VOICE VOTE. 5/0

Council Discussion

Mark Hensley, City Attorney, read by title only:

RESOLUTION NO. 4842


MOTION by Council Member Fuentes, SECONDED by Council Member Fellhauer to adopt Resolution No. 4842. MOTION PASSED BY UNANIMOUS VOICE VOTE. 5/0

C. UNFINISHED BUSINESS

2. Status update on the Permit Parking Program
   Police Chief Mitch Tavera gave a status update of the Parking Permit Program after the initial 6 month implementation.

   Before Council discussion, Mayor Pro Tem Jacobson, excused himself from the dais do to a possible conflict of interest.

   Council consensus directed staff to evaluate permit parking on the 1400 &1500 blocks of East Walnut. Bring back the findings to the next meeting in October.

   Mayor Pro Tem Jacobson returned to the dais.

D. REPORTS OF COMMITTEES, COMMISSIONS AND BOARDS

E. CONSENT AGENDA

All items listed are to be adopted by one motion without discussion and passed unanimously. If a call for discussion of an item is made, the item(s) will be considered individually under the next heading of business.
3. Approved Warrant Numbers 2594365 – 2594564 on Register No. 24 in the total amount of $685,386.07 and Wire Transfers from 8/30/2013 through 9/12/2013 in the total amount of $2,943,231.40) Authorized staff to release. Ratified Payroll and Employee Benefit checks; checks released early due to contracts or agreement; emergency disbursements and/or adjustments; and wire transfers.

4. Approved Regular City Council Meeting Minutes of September 17, 2013.

5. Adopted Resolution No. 4843 approving plans and specifications for repair and maintenance of El Segundo’s two potable water reservoirs, authorized the City Manager to execute a standard Public Works Contract No. 4487 in a form approved by the City Attorney with Utility Service Co., Inc. in the amount of $810,800.00 for maintenance and repair of the elevated water tank and two potable water reservoirs and authorized the City Manager to execute a standard Public Works Professional Services Agreement No. 4488 in a form as approved by the City Attorney with Corrpro Companies, Inc. in the amount of $41,560.00 for construction inspection services. Project No. PW 13-07 (Fiscal Impact: $938,440.00)

6. Authorized the City Clerk to file the City’s Planning and Building Safety Director’s Notice of Completion in the County Recorder’s Office and authorized the City Manager, or designee, to accept completion of work for 23 homes related to the City’s Residential Sound Insulation Program’s Group 47 (Project No. RSI 12-11). (Fiscal Impact: $818,521.72, less liquidated damages)

7. Authorized the City Clerk to file the City’s Planning and Building Safety Director’s Notice of Completion in the County Recorder’s Office and authorized the City Manager, or designee, to accept completion of work for 24 homes related to the City’s Residential Sound Insulance Program’s Group 48 (Project No. RSI 12-12). (Fiscal Impact: $949,645.85, less liquidated damages)

7A. Introduced and waived first ready of Ordinance No. 1482 amending Chapter 6-1-5 of the El Segundo Municipal Code regarding the general penalty for violations of animal regulations and scheduled second reading and adoption of the ordinance for October 15, 2013. (Fiscal Impact: None)

MOTION by Council Member Fellhauer, SECONDED by Council Member Atkinson to approve Consent Agenda items 3, 4, 5, 6, 7 and 7A. MOTION PASSED BY UNANIMOUS VOICE VOTE. 5/0

F. NEW BUSINESS
8. Consideration and possible action to direct the staff to conduct a public information program related to the City’s financial situation, economic forecast and options for addressing future budget deficits.
(Fiscal Impact: None)

Greg Carpenter, City Manager, gave a draft presentation for the public information program and discussed the possibility of an online survey to understand the public’s support of a proposed tax measure(s).

Council Discussion

Council Consensus directed staff to increase number of informational public forums and the survey should be in conjunction with each forum, which would be collected at the end of the forum. For the City’s Web site, Council would like the presentation posted, a sample survey posted and the schedule for the forums posted as well.

G. REPORTS – CITY MANAGER – Thanked the Cable group for their part in creating the video viewed this evening. Mr. Carpenter asked Chief Tavera to give an update on Officer Rodriguez. Chief Tavera stated that Officer Rodriguez is doing well and he is out of the hospital. Officer Rodriguez pulled an unconscious female driver from a burning vehicle on Sunday 29, 2013.

H. REPORTS – CITY ATTORNEY - None

I. REPORTS – CITY CLERK – stated that she and Mona Shilling attended a week long Clerk’s training program in Riverside the second week of September. Both are working towards their CMC certification.

J. REPORTS – CITY TREASURER - None

K. REPORTS – CITY COUNCIL MEMBERS

Council Member Fellhauer – Thanked the Masonic Lodge for honoring Firefighter of the Year, Dan Engler and Police Officer of the Year, Ken Chang. Commended Officer Rodriguez on his heroic act and commended both the Police Department and Fire Department on their diligent efforts performed every day for our city.

Council Member Atkinson – WOW! (One word summation for Officer Rodriguez)

Council Member Fuentes – Encouraged the citizens of El Segundo to watch the video of Officer Rodriguez responding to the call of a burning vehicle. Attended a reception at the Otis School of Art and Design in Westchester. The reception benefited the Ahmanson Veteran’s Scholarship initiative.
Mayor Pro Tem Jacobson – Great job to El Segundo’s Officer Rodriguez.

Mayor Fisher – Attended the Chamber of Commerce Business Expo and felt it was a successful event, attended the Masonic Lodge event honoring Firefighter Dan Engler and Police Officer Ken Chang, attended the Richmond Street Fair on Saturday and thanked the Kiwanis for sponsoring the event and attended the POW/MIA event. Mayor Fisher also commended Officer Rodriguez for his heroic act.

PUBLIC COMMUNICATIONS – (Related to City Business Only – 5 minute limit per person, 30 minute limit total) Individuals who have receive value of $50 or more to communicate to the City Council on behalf of another, and employees speaking on behalf of their employer, must so identify themselves prior to addressing the City Council. Failure to do so shall be a misdemeanor and punishable by a fine of $250. While all comments are welcome, the Brown Act does not allow Council to take action on any item not on the agenda. The Council will respond to comments after Public Communications is closed.

Mike Robbins, resident,

Jack Axelrod, resident, commended the Reference Desk at the Public Library, commended the City Manager on his presentation for the Public Forums. Mr. Axelrod would like to see the survey as a hard copy for all. Mr. Axelrod would like the Council to reconsider the Pledge of Allegiance at the beginning of our meetings.

MEMORIALS – Albert L Malloy and Evelyn Christensen

CLOSED SESSION

The City Council may move into a closed session pursuant to applicable law, including the Brown Act (Government Code Section §54960, et seq.) for the purposes of conferring with the City’s Real Property Negotiator; and/or conferring with the City Attorney on potential and/or existing litigation; and/or discussing matters covered under Government Code Section §54957 (Personnel); and/or conferring with the City’s Labor Negotiators.

Mike Robbins, resident, not in favor of possible tax measures.

Jack Axelrod, resident, commended the Public Library’s reference desk, commended City Manager, Greg Carpenter, on a presentation that was easy to understand. Mr. Axelrod likes the idea of a hard copy survey for the forums. Mr. Axelrod would like the Council to reconsider and find an alternative to the Pledge of Allegiance.

REPORT OF ACTION TAKEN IN CLOSED SESSION (if required)

ADJOURNMENT at 9:15 PM

Tracy Weaver, City Clerk
AGENDA DESCRIPTION:
Consideration and possible action regarding the acceptance of $16,271.60 in grant funding from the University of California Berkeley, Safe Transportation Research and Education Center. Grant funds will be utilized to conduct two sobriety checkpoints between October 1, 2013 and September 30, 2014. (Fiscal Impact: None)

RECOMMENDED COUNCIL ACTION:
1. Authorize the acceptance of $16,271.60 in grant funds
2. Alternatively, discuss and take other action related to this item

ATTACHED SUPPORTING DOCUMENTS:
ATTACHMENT A: UC Berkeley Grant # SC14127

FISCAL IMPACT: None
Amount Budgeted: N/A
Additional Appropriation: N/A
Account Number(s): N/A

ORIGINATED BY: Dan Kim, Lieutenant
REVIEWED BY: Mitch Tavera, Chief of Police
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:
The University of California at Berkeley has awarded the city a grant as part of their 2013-2014 Sobriety Checkpoint Program. One of the program goals is to fund sobriety checkpoints for law enforcement agencies to reduce the number of victims killed and injured in alcohol involved traffic collisions. The city was the recipient of a similar grant from the 2012-2013 Sobriety Checkpoint Program and successfully completed all grant requirements.

The city will be reimbursed for overtime personnel costs for qualifying personnel operating the checkpoint.

The term of the grant is from October 1, 2013 to September 30, 2014 and two sobriety checkpoints must be completed within the allotted time frame.

RECOMMENDATION
Staff recommends accepting the grant to fund DUI enforcement efforts via sobriety checkpoints.
Dear 2013-2014 Sobriety Checkpoint Program Grantee:

Congratulations on receiving the Sobriety Checkpoint Program Grant!

This e-mail transmits the grant document for a signature by your agency's Authorizing Official and a signature(s) by the optional individual(s) authorized to sign claims.

Please read the following instructions carefully before you print, sign and mail the document!

1.) Open the attached grant document and verify that the address in Box C is where reimbursement checks should be mailed.
It is important that you notify us immediately if this address is not correct. We will update Box C and re-send the document ASAP. Failure to notify us of the address change immediately can significantly delay reimbursements.

2.) Acquire signatures only from the individuals listed in Box B (required) and D (optional) on the grant document.
Notify us immediately if your Authorizing Official has changed or if you would like to add signatories in Box D. Please make sure the signature(s) is original; we do not accept stamped signatures.
NOTE: If no additional signatories are added, then the Authorizing Official is the only one who may sign claims.

3.) Please make a copy for your own records and mail the original signed grant (all pages) to:

UC Berkeley Safe Transportation Research and Education Center
Sobriety Checkpoint Program
2614 Dwight Way, MC # 7374
Berkeley, CA 94720-7374

IMPORTANT:

PLEASE SEND ONE ORIGINAL SIGNED GRANT DOCUMENT TO SAFETREC ASAP.

DO NOT CONDUCT CHECKPOINTS OR PURCHASE DUI CHECKPOINT SUPPLIES PRIOR TO OCTOBER 1 AND UNTIL THE CONTRACT HAS BEEN FULLY SIGNED/EXECUTED (SIGNED BY UCB AND YOUR AUTHORIZING OFFICIAL).

Upon receipt of the signed grant, we will: a) sign and e-mail a copy of the fully executed grant and b) e-mail you a purchase order number. We cannot obtain a purchase order number until we receive a signed grant from your agency.

Please contact Shar Rauch at (510) 643-1774 or at checkpoint@berkeley.edu if you have any questions.
The Regents of the University of California
School of Public Health, Berkeley,
with Primary Funding from the
California Office of Traffic Safety

GRANT NUMBER
SC14127

1. Title of Program
SOBRIETY CHECKPOINT GRANT PROGRAM FOR 2013-2014

2. Name of Applicant Agency
EL SEGUNDO, CITY OF

3. University of California Berkeley, Safe Transportation Research and Education Center
DAVID RAGLAND, PRINCIPAL INVESTIGATOR, UC BERKELEY SAFE TRANSPORTATION RESEARCH AND EDUCATION CENTER

4. Period of Grant
Month - Day - Year
From: 10/01/13
To: 09/30/14

5. Description of Program

6. Federal Funds Allocated Under This Grant Shall Not Exceed: $16,271.60

7. Approval Signatures (By signing this page, Agency agrees to the terms and conditions which follow and are attached)

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<th>A. The Regents of the University of California Authorized Signature</th>
<th>B. Authorizing Official For Applicant Agency</th>
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<tbody>
<tr>
<td>Name: David Ragland</td>
<td>Name: Dan Kim</td>
</tr>
<tr>
<td>Phone: (510) 642-0658</td>
<td>Phone: (310) 525-2267</td>
</tr>
<tr>
<td>Title: Director, SafeTREC</td>
<td>Title: Lieutenant</td>
</tr>
<tr>
<td>Fax: (510) 643-9922</td>
<td>Fax: (310) 640-8648</td>
</tr>
<tr>
<td>Address: UC Berkeley Safe Transportation Research and Education Center 2614 Dwight Way #7374 Berkeley, CA 94720-7374</td>
<td>Address: 348 Main Street El Segundo, CA 90245</td>
</tr>
<tr>
<td>Email: <a href="mailto:davidr@berkeley.edu">davidr@berkeley.edu</a></td>
<td>Email: <a href="mailto:dkim@elsegundo.org">dkim@elsegundo.org</a></td>
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<td>Name: Steve Jones</td>
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<tr>
<td>Office: Finance Department</td>
<td>Title: Revenue Manager</td>
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<tr>
<td>Address: 350 Main Street El Segundo, CA 90245</td>
<td>Name: Angelina Garcia</td>
</tr>
<tr>
<td>Tax ID #: 95-6000706</td>
<td>Title: Fiscal Services Manager</td>
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<tr>
<td>Contact Person: Deborah Cullen</td>
<td>Email: <a href="mailto:dcullen@elsegundo.org">dcullen@elsegundo.org</a></td>
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<tr>
<td>Email: <a href="mailto:dcullen@elsegundo.org">dcullen@elsegundo.org</a></td>
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</tbody>
</table>

Page 1
GOALS

1. To reduce the number of victims killed in alcohol-involved crashes.
2. To reduce the number of victims injured in alcohol-involved crashes.
3. To reduce nighttime (2100 hours to 0259 hours) fatal crashes.
4. To reduce nighttime (2100 hours to 0259 hours) injury crashes.
5. To reduce hit and run fatal crashes.
6. To reduce hit and run injury crashes.

AGENCY OBJECTIVES

1. To conduct a total of 2 sobriety checkpoints by September 30, 2014 (should be a minimum of one checkpoint per mobilization).

NOTE: If a department elects to combine a Driver License (DL) checkpoint with a sobriety checkpoint, the department should: 1) inform the public (via the press release) that driver licenses will be checked and 2) conduct DUI/DL checkpoint operations with signs reading, "DUI/Driver License Checkpoint Ahead".

To better identify and apprehend drug-impaired drivers in addition to alcohol-impaired drivers, it is highly recommended that all personnel assigned to staff the greeting lane of the checkpoint be Drug Recognition Experts (DREs) and/or Advanced Roadside Impaired Driving Enforcement (ARIDE) trained sworn officers. At the very minimum, all officers contacting drivers in the greeting lane should be National Highway Traffic Safety Administration (NHTSA) Standardized Field Sobriety Test (SFST) trained and certified.

To maximize effectiveness, checkpoint operations may be conducted at more than one location on any evening. Each checkpoint should be highly publicized and visible. The Office of Traffic Safety (OTS) does not fund or support independent DL checkpoints.

Only on an exception basis and with OTS pre-approval will OTS fund checkpoint operations that begin prior to 1800 hours. When practicable it is recommended that checkpoint operations run until 0300 hours.

2. If appropriate, a supervisor(s) should attend OTS-sponsored "DUI Checkpoints - Planning and Management" eight-hour, POST-certified training by December 31, 2013. Officers are encouraged to attend this training as well.

3. To collect and report checkpoint statistics on-line for checkpoints conducted during the Winter and Labor Day mobilization periods and submit the data by the deadlines established by the Safe Transportation Research and Education Center (SafeTREC).

4. To collect and report checkpoint statistics on-line for checkpoints conducted outside the mobilization periods and to submit the data by the end of the applicable quarter(s).
MEDIA OBJECTIVES

1. After the statewide kick-off press event, issue a press release announcing the kick-off of this grant, using the OTS kick-off press release template provided by SafeTREC.

2. During the mobilization periods (December 13 - January 1 and August 15 - September 1), if an AVOID media campaign is active in the county, grantee should notify the AVOID Coordinator of checkpoint locations, dates and times at least fourteen (14) days in advance of all planned checkpoints. The AVOID Coordinator should issue press releases including checkpoints conducted during the mobilization periods to all major media outlets in the region.

3. For each checkpoint operation, grantee should distribute a separate press release using the OTS template provided by SafeTREC unless multiple checkpoints are to be conducted within a seven (7) day period, in which case one press release covering the seven (7) day period that covers all operations will suffice. When using the OTS press release template provided by SafeTREC, grantee should forward press releases, media advisories, alerts and other press materials to SafeTREC concurrently with distribution to the media. If any other press release format or copy is used, grantee should submit the press release to the OTS Public Information Officer at pio@ots.ca.gov for his review. Optimum lead-time would be 10 – 20 days prior to the operation. The approved press release should also be sent to SafeTREC. For post-operational media communications that report the results of checkpoints, grantee does not need to have the release approved by OTS.

4. Grantee should use OTS’s tagline "Report Drunk Drivers. Call 911" on all news releases and checkpoint publication materials.

5. To use the following standard language in all press, media, and printed materials: "Funding for this program was provided by a grant from the California Office of Traffic Safety, through the National Highway Traffic Safety Administration."

6. Grantee should issue to the media a post-operational news release reporting the results of the checkpoint (do not submit to OTS media communications reporting the results of checkpoints). Any drug-impaired driving arrests (23152(a)) and other drug arrests (possession, transportation, for sale) made as the result of the checkpoint operation should be incorporated into the post-operational media release.

METHOD OF PROCEDURE

Phase I: Program Preparation (October 1, 2013 – December 12, 2013)

1. Review the contract to ensure compliance with contract provisions.
2. Notify SafeTREC of any changes in contact information. The contract, purchase order number, and Fact Blasts are emailed to the contact person listed in the agency application.
3. Attend OTS-sponsored “DUI Checkpoints – Planning and Management” eight-hour, POST-certified training by December 31, 2013.
4. Plan checkpoint staffing, e.g., supervisors, officers, clerical staff, or community service officers as needed to staff each sobriety checkpoint on an overtime basis.
5. Send a written request to SafeTREC to seek approval of any changes to grant funded work or deliverables.
6. Order grant approved checkpoint supplies, if applicable.
Schedule A - Description (continued)

Sobriety Checkpoint Grant Program for 2013-2014


7. After the statewide kick-off press event in December, grantee should issue a press release announcing the kick-off of this grant using the OTS kick-off press release template provided by SafeTREC.

8. If an AVOID media campaign is active in the county, grantee should notify the AVOID Coordinator of checkpoint locations, dates and times at least fourteen (14) days in advance of all planned checkpoints. The AVOID Coordinator should issue press releases including checkpoints conducted during the mobilization periods to all major media outlets in the region.

9. For each checkpoint operation, grantee should distribute a separate press release using the OTS template provided by SafeTREC unless multiple checkpoints are to be conducted within a seven (7) day period, in which case one press release covering the seven (7) day period that covers all operations will suffice. When using the OTS press release template provided by SafeTREC, grantee should forward press releases, media advisories, alerts, and other press materials to SafeTREC concurrently with distribution to the media. If any other press release format or copy is used, grantee should submit the press release to the OTS Public Information Officer at protocols.ca.gov for his review. Optimum lead-time would be 10 – 20 days prior to the operation. The approved press release should also be sent to SafeTREC. For post-operational media communications that report the results of checkpoints, grantee does not need to have the release approved by OTS.

10. Use OTS's tagline, “Report Drunk Drivers. Call 911” on all news releases and checkpoint publication materials.

11. Conduct roll call training. Roll call training costs are not reimbursable.

12. To better identify and apprehend drug-impaired drivers in addition to alcohol-impaired drivers, it is highly recommended that all personnel assigned to staff the greeting lane of the checkpoint be Drug Recognition Experts (DREs) and/or Advanced Roadside Impaired Driving Enforcement (ARIDE) trained sworn officers. At the very minimum, all officers contacting drivers in the greeting lane should be NHTSA SFST trained and certified.

13. Begin the checkpoint no earlier than 1800 hours and if possible and practicable, operate the checkpoint until 0300 hours.


Phase III: Post Operational Data Reporting  (at the end of each mobilization period and each applicable calendar quarter)

15. Submit post-operational data on-line for checkpoints conducted during the Winter Holiday and Labor Day mobilizations. Submit data by the SafeTREC deadlines.

16. Submit post-operational data on-line for checkpoints conducted outside the mobilization periods. Submit the data by the end of the applicable quarter. If multiple checkpoints are conducted during the quarter, summarize (total) the checkpoint statistics.

17. Issue to the media a post-operational news release reporting the results of the checkpoint. Any drug-impaired driving arrests (23152(a)) and other drug arrests (possession, transportation, for sale) made as the result of the checkpoint operation should be incorporated into the post-operational media release.

Phase IV: Claim Submission  (at the end of the applicable calendar quarter)

18. Compile actual overtime and checkpoint supply costs incurred for operating the grant-funded checkpoints.


20. Complete the claim form for the applicable quarter in accordance with Schedule B – Detailed Budget Estimate and Schedule B-1 – Budget Narrative.

21. Mail the claim forms for the quarter, with the required supporting documentation (specified in Schedule B-1) to SafeTREC following the end of the applicable calendar quarter.
The El Segundo, City of will conduct a total of 2 sobriety checkpoints in El Segundo as described in Table B below.

<table>
<thead>
<tr>
<th>Table B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Checkpoints</strong></td>
</tr>
<tr>
<td>Winter Holiday Mobilization, December 13, 2013 -- January 01, 2014 (should be a minimum of one checkpoint)</td>
</tr>
<tr>
<td>Labor Day Holiday Mobilization, August 15, 2014 -- September 01, 2014 (should be a minimum of one checkpoint)</td>
</tr>
<tr>
<td>Number of checkpoints outside the mobilization periods</td>
</tr>
<tr>
<td><strong>Total Number of Checkpoints</strong></td>
</tr>
</tbody>
</table>

The cost per checkpoint includes overtime benefits. Only actual benefits accrued from overtime hours will be covered (e.g., retirement, medical/dental/vision insurance, uniform allowances will not be covered). Allowable benefits include: Social Security (OASDI), Workers Compensation, Medicare, State-run disability, and unemployment insurance.

**Maximum Reimbursable Amount for Checkpoint Supplies**

$671.60

Only OTS-approved supplies will be reimbursed. The prices of supplies will be reimbursed in accordance with policies established by the OTS.

**Grant Total Amount**

(Maximum Reimbursable Amount for Checkpoints + Maximum Reimbursable Amount for Checkpoint Supplies) $16,271.60
El Segundo, City of

Schedule B-1 - Budget Narrative
Sobriety Checkpoint Grant Program for 2013-2014

El Segundo, City of will be reimbursed for overtime personnel costs and checkpoint supplies to conduct the checkpoints.

Overtime reimbursement will reflect actual costs (overtime hourly rate and overtime benefit rates) of the personnel conducting the appropriate operation(s) up to the amount of the approved cost per checkpoint and the grant total stated in Schedule B - Detailed Budget Estimate. Only actual benefits accrued from overtime hours will be covered (e.g., retirement, medical/dental/vision insurance, uniform allowances will not be covered). Allowable benefits include: Social Security (OASDI), Workers Compensation, Medicare, State-run disability, and unemployment insurance.

Budgeted grant activities will be conducted by personnel on an overtime basis; supplanting is not allowable. The grant covers only the costs of police department personnel. Grants do not cover contractual services. Grant-funded operations may be conducted by personnel such as an officer, sergeant, corporal, deputy, community service officer, dispatcher, clerical/administrative, etc. depending on the titles used by the agency. Personnel will be deployed as needed to accomplish the grant goals and objectives. Administrative/clerical personnel are allowable only if they worked on the checkpoint operation, e.g., to process the larger than normal volume of citations, towing records, and arrest/incident reports. These reports must be a result of the operation and required to be processed quickly for distribution to the courts and the District Attorney's Office, or to meet statutory time limits. Clerical overtime incurred before the checkpoint or more than one business day after the last day of the checkpoint is not allowable. Costs for preparing claims are not reimbursable.

OTS-approved checkpoint supplies (cones, signage, vests, PAS devices/supplies and lighting equipment) are reimbursable provided that: 1) the total cost of supplies, including tax and shipping, does not exceed the awarded amount specified in Schedule B; and 2) the unit prices of checkpoint supplies do not exceed OTS-established unit costs. Download the Checkpoint Supply Policy from the SafeTREC website to ensure compliance of checkpoint supply purchases. Other direct costs are not reimbursable, except for OTS-approved checkpoint supplies.

Indirect costs are not reimbursable.

Reimbursements are contingent upon the following (exceptions must be approved by SafeTREC):

i. The applicable post-operational data have been submitted using SafeTREC's on-line reporting system.
ii. The claim form is correctly filled out, using the SafeTREC Excel-based form.
iii. The claim amounts do not exceed the limits set forth in Schedule B - Detailed Budget Estimate.
iv. The information in the overtime slips and the ledger report are consistent and fully support the claim.
v. A ledger report(s) supporting the claim amount is attached to the claim. Only source documents are accepted to support the claim amount. Explanatory documentation such as spreadsheets may be submitted to provide additional information but cannot be accepted in lieu of a ledger report(s).
vi. An invoice(s) for the amount of checkpoint supplies is attached to the claim. The invoice must contain a sufficient description of the purchased item(s), quantity, and unit cost.
vii. The claim is signed by the Authorizing Official (Box B of the grant cover page) or Individuals Authorized to Sign Claims (Box D) as designated in the grant cover page.
viii. Changes in the Authorizing Official For the Applicant Agency or the designation of any other additional individual(s) to sign claims are documented in accordance with SafeTREC documentation requirements.
ix. The final claim is submitted no later than October 31, 2014.
A. INDEMNIFICATION

Applicant Agency agrees to indemnify, defend, and save harmless the State of California, its officers, agents, and employees, the Regents of the University of California, its officers, agents, and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, suppliers, laborers, and any other person, firm, or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this contract, and from any and all claims and losses accruing or resulting to any person, firm, or corporation who may be injured or damaged by Applicant Agency in the performance of this contract.

B. GOVERNING LAW

This Contract shall be governed by and construed in accordance with the laws of the State of California.

C. NON-ASSIGNABILITY

The obligations of the applicant agency under this Contract are not assignable to any third party.

D. USE OF UNIVERSITY NAME/TRADEMARKS

Applicant Agency shall not use the name of the University of California, or any abbreviation thereof, or any name of which "University of California" is a part, or any trademarks of the University, in any commercial context, such as may appear on products, in media (including web sites) and print advertisements in cases when such use may imply an endorsement or sponsorship of the Applicant Agency, its products, or services. All uses of the University's name and trademarks, therefore, must first receive prior written consent of The Regents of the University of California through the Office of Marketing & Business Outreach. This policy is in compliance with the State of California Education Code Section 92000.

E. TERMINATION

Each party has the right to suspend, terminate or abandon the execution of any work by the Applicant Agency without cause at any time upon giving prior written notice. In the event that this contract is suspended, terminated, or abandoned, the Regents of the University of California shall pay the Applicant Agency for services provided hereunder to the effective date of said suspension, termination, or abandonment. Said payment shall be computed in accordance with Schedules B and B-1, provided that the maximum amount payable to the Applicant Agency for its services shall not exceed the Grant Total Amount on Schedule B for services provided hereunder prior to the effective date of suspension, termination, or abandonment.

F. STATE OF CALIFORNIA TERMS, CONDITIONS, AND CERTIFICATIONS

Applicant Agency agrees to abide by the General Terms, Conditions, and Certifications contained in OTS Grant Program Manual, Chapter 8.
EL SEGUNDO CITY COUNCIL
AGENDA STATEMENT

MEETING DATE: October 15, 2013
AGENDA HEADING: Consent

AGENDA DESCRIPTION:
Consideration and possible action to update the El Segundo Municipal Code regulating general penalties for Title 6 of the City Code specific to animal control. These changes are desirable to ensure effective enforcement by the El Segundo Police Department. (Fiscal Impact: None)

RECOMMENDED COUNCIL ACTION:
1. Second reading by title only and adopt an Ordinance Number 1482 amending Chapter 6-1-5 of the El Segundo Municipal Code regarding the general penalty for violations of animal regulations.
2. Alternatively, discuss and take other action related to this item.

ATTACHED SUPPORTING DOCUMENTS:
Ordinance 1482 amending the Municipal Code

FISCAL IMPACT: Included in Adopted Budget

| Amount Budgeted: | $0 |
| Additional Appropriation: | No |
| Account Number(s): |

ORIGINATED BY: Brian Evanski, Police Captain
REVIEWED BY: Mitch Tavera, Chief of Police
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:
Staff recommends the City Council consider an amendment to the ESMC as to general penalties and the process for prosecuting individuals who violate animal regulations as identified in the ESMC. With the downturn in the economy, and shrinking budgets, the Los Angeles County District Attorney’s office is declining to prosecute any ESMC violations. To ensure that the City continues its enforcement activities, the Police Department believes that all ESMC violations related to animal regulations can be enforced by police officers as infractions. This is similar to the process for enforcing other specified ESMC violations.

In order to facilitate such a process, violations of animal regulations within the ESMC must change from misdemeanors to infractions; and the general bail schedule for violations of animal regulations of the ESMC shall be as follows:
1. A fine not exceeding $100.00 for the first violation;

2. A fine not exceeding $200.00 for a second violation of the same provision within one (1) year;

3. A fine not exceeding $500.00 for each additional violation of the same provision within one (1) year of the first violation.

In order to improve the City's quality of life, it is important that the City have all the tools it needs for enforcement. By adopting this ordinance, the City is able to both effectively enforce the ESMC and provide a deterrence for potential violators.
ORDINANCE NO. 1482

AN ORDINANCE AMENDING EL SEGUNDO MUNICIPAL CODE § 6-1-5 REGULATING VIOLATIONS OF ANIMAL REGULATIONS WITHIN THE CITY'S JURISDICTION.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: Section 6-1-5 of the El Segundo Municipal Code ("ESMC") is amended to read as follows:

"6-1-5: GENERAL PENALTY: Any person violating any provision of this title is guilty of an infraction, punishable as provided in chapter 1-2 of this code."

SECTION 2: Summaries of Information. All summaries of information in the findings, which precede this Section, are based on the substantial evidence in the record including, without limitation, verbal and documentary evidence submitted to the El Segundo City Council. The absence of any particular fact from any such summary is not an indication that a particular finding is not based in part on that fact.

SECTION 3: Savings Clause. Repeal or amendment of any provision of this Ordinance does not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance's effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

SECTION 4: Severability. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the City Council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 4: The City Clerk is directed to certify the passage and adoption of this Ordinance; cause it to be entered into the City of El Segundo's book of original ordinances; make a note of the passage and adoption in the records of this meeting; and, within fifteen (15) days after the passage and adoption of this Ordinance, cause it to be published or posted in accordance with California law.

SECTION 5: This Ordinance will become effective thirty (30) days following its passage and adoption.

PASSED AND ADOPTED this ___ day of ________, 2013.

Bill Fisher, Mayor

Page 1 of 2

[C:\Documents and Settings\user1\Desktop\ESMC Animal Control - Update 2013.doc]
August 21, 2013
ATTEST:

STATE OF CALIFORNIA    )
COUNTY OF LOS ANGELES  )   SS
CITY OF EL SEGUNDO      )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. ______ was duly introduced by said City Council at a regular meeting held on the _____ day of _____________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _____ day of _____________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Tracy Weaver, City Clerk

APPROVED AS TO FORM:
Mark D. Hensley, City Attorney

By: ______________________________________
Karl H. Berger
Assistant City Attorney
AGENDA DESCRIPTION:
Consideration and possible action to execute an amendment with AKM Consulting Engineers for additional inspection services related to the Maple Ave. construction project. Project No. PW 12-09 (Fiscal Impact: $20,000.00)

RECOMMENDED COUNCIL ACTION:
1. Authorize the City Manager to execute an amendment with AKM Consulting Engineers, in a form approved by the City Attorney, for additional construction inspection services for an amount not to exceed $20,000;
2. Alternatively, discuss and take other possible actions related to this item.

ATTACHED SUPPORTING DOCUMENTS:
None

FISCAL IMPACT: Included in Adopted Budget
Amount Budgeted: $2,500,000.00 for Maple Ave Project
Additional Appropriation: No
Account Number(s): 110-400-8203-8627 (Measure R Reimbursement Grant)

ORIGINATED BY: Arianne Bola, Associate Engineer
REVIEWED BY: Stephanie Katsouleas, Public Works Director
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:
On May 21, 2013, City Council awarded a Professional Services Agreement to AKM Consulting Engineer for $92,694.00 construction inspection services related to the Maple Street Improvements Project. The project is currently underway and expected to be completed in November.

Unforeseen field conditions during construction have resulted in construction plan modifications and project schedule changes, including the need for some weekend pavement work to ensure that businesses maintain access during weekdays as well as additional work days for the overall project. The original budget and additional $15,000 in contingencies have been allocated and up to $20,000 in additional funds are now needed to continue inspection oversight through the remained of the project. Sufficient funds are available from the grant for these services. Staff is therefore recommends that City Council approved the additional funding request and corresponding amendment in a form approved by the City Attorney.
AGENDA DESCRIPTION:

Consideration and possible action to accept as complete the FY 11/12 slurry sealing of the streets in the area bounded by Sheldon Street, Mariposa Avenue, El Segundo Boulevard and Sepulveda Boulevard. Project No.: PW 12-05. (Fiscal Impact: $320,231.08)

RECOMMENDED COUNCIL ACTION:

1. Accept the work as complete.
2. Authorize the City Clerk to file a Notice of Completion in the County Recorder’s Office.
3. Alternatively, discuss and take other possible action related to this item.

ATTACHED SUPPORTING DOCUMENTS:

Notice of Completion

FISCAL IMPACT: Within Adopted Budget

Amount Budgeted: $ 336,567.28
Additional Appropriation: No
Account Number(s): 106-400-8206-8943 (State Gas Tax: Slurry Seal)

ORIGINATED BY: Floriza Rivera, Principal Civil Engineer
REVIEWED BY: Stephanie Katsouleas, Public Works Director
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:

On September 4, 2012, the City entered into a Public Works contract with American Asphalt South, Inc. in the amount of $305,970.25 for the application of slurry seal for the area bounded by Mariposa Ave., El Segundo Blvd., Sheldon St. and Sepulveda Blvd. City Council also approved $30,597.03 for contingencies. The project began on January 16, 2013 and was completed on April 10, 2013, which included additional slurry seal and striping (above that included in the specs) and installation of reflective pavement markers where they were previously located (prior to slurry). A final inspection for American Asphalt South’s work was performed and staff confirmed that the project was completed per the plans and specifications. The final construction cost was $320,231.08. The $16,336.20 contingency balance will be returned to the Gas Tax account.

Staff therefore recommends that City Council the work performed by American Asphalt South, Inc. as complete and authorize the City Clerk to file a notice of completion with the County Recorder’s Office.
NOTICE OF COMPLETION OF CONSTRUCTION PROJECT

Project Name: Aviation Blvd. Rehabilitation Project

Project No.: PW 12-05  Contract No. 4320

Notice is hereby given pursuant to State of California Civil Code Section 3093 et seq that:

1. The undersigned is an officer of the owner of the interest stated below in the property hereinafter described.

2. The full name of the owner is: City of El Segundo

3. The full address of the owner is: City Hall, 350 Main Street, El Segundo, CA, 90245

4. The nature of the interest of the owner is: Public Facilities

5. A work of improvement on the property hereinafter described was field reviewed by the City Engineer on April 10, 2013. The work done was: Slurry Seal Resurfacing

6. On October 1, 2013, City Council of the City of El Segundo accepted the work of this contract as being complete and directed the recording of this Notice of Completion in the Office of the County Recorder.

7. The name of the Contractor for such work of improvement was: American Asphalt South, Inc.

8. The property on which said work of improvement was completed is in the City of El Segundo, County of Los Angeles, State of California, and is described as follows: City streets in the area bounded by Sheldon Street, Mariposa Avenue, El Segundo Boulevard and Sepulveda Boulevard.

9. The street address of said property is: None.

Dated: ________________________

Stephanie Katsouleas
Public Works Director

VERIFICATION

I, the undersigned, say: I am the Director of Public Works/City Engineer of the City El Segundo, the declarant of the foregoing Notice of Completion; I have read said Notice of Completion and know the contents thereof; the same is true of my own knowledge.

I declare under penalty of perjury the foregoing is true and correct.

Executed on ________________, 2013 at El Segundo, California.

Stephanie Katsouleas
Public Works Director
EL SEGUNDO CITY COUNCIL

AGENDA STATEMENT

MEETING DATE: October 15, 2013

AGENDA DESCRIPTION:
Consideration and possible action regarding adoption of Plans and Specifications for the FY 13/14 slurry sealing of streets in the area bounded by the west City boundary, Sheldon Street, Mariposa Avenue, and El Segundo Boulevard. Project No.: PW 13-14 (Fiscal Impact: $642,000.00)

RECOMMENDED COUNCIL ACTION:
1. Adopt Plans and Specifications.
2. Authorize staff to advertise the project for receipt of construction bids.
3. Alternatively, discuss and take other action related to this item.

ATTACHED SUPPORTING DOCUMENTS:
Location Map

FISCAL IMPACT: Budget Adjustment Required

Amount Budgeted: $350,000.00
Additional Appropriation: Yes To Be Determined
Account Number(s): 106-400-8206-8943 ($350,000, Gas Tax: Slurry Seal)
110-400-xxxx-xxxx ($To be Determined, Measure R Local Return)

ORIGINATED BY: Floriza Rivera, Principal Engineer
REVIEWED BY: Stephanie Katsouleas, Public Works Director
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:
The Public Works Department administers the slurry sealing program as a preventative measure to extend the life of pavement Citywide. The slurry sealing process consists of applying a thin asphalt "slurry" layer over existing asphalt pavement to help prevent water intrusion.

The City is divided into five (5) areas for slurry; four quadrants west of Sepulveda Boulevard and one area east of Sepulveda Boulevard. El Segundo slurrys its five districts every seven years on a rotating basis. The two years we are dormant allows Public Works to accumulate enough Gas Tax funding to ensure that sufficient grant monies are available to cover costs for the five-year cycles when slurries occur. Public Works is currently in year two of its five-year rotation.

Staff has prepared plans and specifications for the Fiscal Year 2013/2014 Slurry Seal Program, which includes streets within the area bounded by the west City boundary, Sheldon Street,
Mariposa Avenue, and El Segundo Boulevard. This area was last slurry sealed in 2006/2007. Staff recommends that City Council adopt the plans and specifications and authorize the project for receipt of construction bids.

Please note that a total of $350,000 in Gas Tax was approved through the FY 2013/14 annual budget process for slurry sealing. However, due to the size of the current slurry area and the inclusion of Vista del Mar and city parking lots, it is highly likely that additional funds will be needed based on current cost estimates for slurry applications. Once bids are in and the total cost is known, staff will request an additional appropriation from available Measure R funds. We estimate that approximately $300,000 in additional funding will be needed for the annual Slurry Seal program.
AGENDA DESCRIPTION:

Consideration and possible action to authorize the City Manager to enter into Memorandum of Understandings (MOU) for development of an Enhanced Watershed Management Program for Jurisdictional Groups 2 & 3 of the Santa Monica Bay Watershed and for the Dominguez Channel Watershed. (Fiscal Impact: $93,967.45)

RECOMMENDED COUNCIL ACTION:

1. Authorize the City Manager to enter into a Memorandum of Understanding, approved in form by the City Attorney, between the Cities of Los Angeles, Santa Monica and El Segundo, the Los Angeles County Flood Control District, and the County of Los Angeles (Public Works) for $43,971 for administration and cost sharing for development of an Enhanced Watershed Management Program for Jurisdictional Groups 2 & 3 of the Santa Monica Bay Watershed.

2. Authorize the City Manager to enter into a Memorandum of Understanding, approved in form by the City Attorney, between the Cities of Los Angeles, El Segundo, Hawthorne and Inglewood, the Los Angeles County Flood Control District, and the County of Los Angeles for $49,996.45 for administration and cost sharing for development of an Enhanced Watershed Management Program for the Dominguez Channel Watershed.

3. Alternatively, discuss and take other possible action related to this item.

ATTACHED SUPPORTING DOCUMENTS:

None

FISCAL IMPACT: $93,967.45

<table>
<thead>
<tr>
<th>Amount Budgeted:</th>
<th>$98,000.00</th>
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</thead>
<tbody>
<tr>
<td>Additional Appropriation:</td>
<td>No</td>
</tr>
<tr>
<td>Account Number(s):</td>
<td>001-400-4302-6206 (Storm Drains: Contract Services)</td>
</tr>
</tbody>
</table>

ORIGINATED BY: Lifan Xu, Principal Civil Engineer
REVIEWS BY: Stephanie Katsouleas, Public Works Director
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND AND DISCUSSION:

Permit Adoption History
In 1990, the California Regional Water Quality Control Board (Regional Board) adopted Order No. 90-079, which set in motion requirements for municipalities located in Los Angeles County to comply with provisions of the Clean Water Act for contaminated discharges (commonly called storm water and urban runoff discharges) in Municipally Separate Storm Sewer Systems
This action was followed in 1992 by a provision requiring all Phase I cities, those with regional populations greater than 100,000, to begin implementing best available technologies to reduce or eliminate contaminated discharges. The Regional Board adopted new storm water permits in 1996 and 2001, and approved four amendments between 2006 and 2010 to the 2001 permit.

November 8, 2012, the Regional Board adopted a new storm water permit, Order No. R4-2012-0175, which includes and expands upon the provisions called for in earlier permits.

Current Requirements and Watershed Impacts
El Segundo belongs to two separate watersheds, which include Santa Monica Bay and Dominguez Channel. The Santa Monica Bay watershed is further broken into two jurisdictional areas, which include:

- **North of El Segundo Blvd.** Untreated flows are discharged to the Grand Ave. storm drain and Imperial Ave. storm drain, which also receives flows from the City of Los Angeles. This area is part of Jurisdictional Groups Two (2) and Three (3) [or J2 & 3].
- **South of El Segundo Blvd.** Untreated flows are discharged at the 28th Street outfall in Manhattan Beach, which also receives flows from the City of Manhattan Beach. This area is part of Jurisdictional Groups Five (5) and Six (6) [or J 5 & 6].

Previous storm water permits focused on implementation of pollution control measures, while the new permit focuses on whether Permittees are actually achieving adopted water quality standards (referred to as total maximum daily loads, or TMDLs) for receiving waters. Confirmation of permit compliance will be substantially determined through monitoring plans and adoption/implementation of Enhanced Watershed Management Programs (EWMPs).

If you recall, on April 2, 2013, City Council approved staff’s recommendation to participate in regional EWMPs in both the Santa Monica Bay J2/3 and Dominguez Channel Groups and to implement minimum control measures (e.g., best management practices) for the small discharges on Rosecrans Blvd that flow to the J5/6 watershed. Regional participation in developing and implementing an Enhanced Watershed Management Program allows Permittees to evaluate opportunities for collaboration on large regional, multi-benefit projects which retain, through infiltration or capture and reuse, the 85th percentile 24-hour storm event and all non-storm water runoff. The customized WMP or EWMP provides Permittees greater flexibility to implement control measures on a larger watershed scale. It also provides Permittees additional time to establish those coordinated efforts with other jurisdictions.

In June, 2013 staff submitted Notice of Intent (NOI) letters to Los Angeles Regional Water Quality Control Board, as required under the EWPM approach, for the J 2 &3 Groups of the Santa Monica Bay Watershed and for the Dominguez Channel Watershed.

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1 The authority to regulate storm water and urban runoff falls under the National Pollutant Discharge Elimination System (NPDES) program, which is administered by the California Regional Water Quality Control Board
2 Enhanced Watershed Management Programs include development of a Work Plan to control pollution as well as a monitoring plan to track effectiveness of the pollution control measures implemented.
3 The 85 percentile 24-hour storm event, as determined from the Los Angeles County 85th Percentile Precipitation Isohyetal Map, establishes a rainfall depth that is equal or greater than 85 percent of all storm events during 24 hour periods. The 85th percentile 24-hour rainfall depths ranged from 0.90 to 0.99 inch throughout El Segundo.
Over the last several months, staff has been participating in regional meetings with the Santa Monica Bay permittees and the Dominguez Channel permittees. The City of Los Angeles quickly emerged as the leading agency for both watershed and has been leading efforts in the EWMP’s development and consultant selections. Participating agencies, final costs for developing the EWMPs and cost sharing plans have been finalized and are summarized below.

**EWMP for Santa Monica Bay Watershed (J 2/3)**
Participating agencies in the development of the Santa Monica Watershed EWMP include the City of Los Angeles, Santa Monica, El Segundo, Los Angeles County Flood Control District, and the County of Los Angeles. MWH American Inc. and Geosyntec Consultants were consulting firms chosen through a competitive process to develop the comprehensive plan for $945,000, which includes project management oversight by the City of Los Angeles. The County Flood Control District will pay 10% of the total cost ($94,500) while the remaining $850,500 will be shared by the other agencies based on the proportionate land area of each agency. The City of El Segundo, at 4.7% of the J2/3 watershed, is responsible for $39,974 along with an additional 10% contingency ($3,997) for potential contribution of $43,971 toward the development of the EWMP.

Staff recommends that City Council authorize the City Manager to sign a Memorandum of Understanding, approved in form by the City Attorney, between the Cities of Los Angeles, Santa Monica, and El Segundo, the Los Angeles County Flood Control District and the County of Los Angeles for administration and cost sharing for development of an Enhanced Watershed Management Program for Jurisdictional Groups 2 & 3 of the Santa Monica Bay Watershed.

**EWMP for Dominguez Channel Watershed**
The Cities of Los Angeles, El Segundo, Hawthorne and Inglewood, the Los Angeles County Flood Control District, and the County of Los Angeles are participating in the development of the Dominguez Channel Watershed EWMP. It is worth noting that several cities which discharge flows to Dominguez Channel have chosen other options in lieu of participating in the EWPM (e.g., implementing minimum control measures, incorporating actions into other EWMPs under development) and thus will not be cost-sharing in its development.

HDR Engineering, Inc. and RMC Water and the Environment were consulting firms chosen through a competitive process to develop the comprehensive plan for $1,468,543.65, which includes project management oversight by the City of Los Angeles. The County Flood Control District will pay 10% of the total cost ($146,854.37), while the remaining $1,321,689.29 will be shared by the other agencies based on the proportionate land area of each agency. The City of El Segundo, at 3.44% of the Dominguez Channel watershed, is responsible for $45,451.32 along with an additional 10% contingency ($4,545.13) for potential contribution of $49,996.45 toward the development of the EWMP.

Staff recommends that City Council authorize the City Manager to sign a Memorandum of Understanding, approved in form by the City Attorney, between the Cities of Los Angeles, El Segundo, Hawthorne and Inglewood, the Los Angeles County Flood Control District and County of Los Angeles for administration and cost sharing for development of the Enhanced Watershed Management Program for the Dominguez Channel Watershed.
Timeline for Developing the EWMPs
Staff anticipates the following timeline for developing the EWMPs for both watershed groups:

November, 2013  Finalize MOU Execution; EWMP Development Begins
December 2013  Executed MOUs submitted to the Regional Board
April, 2014  Draft EWMP Work Plan presentation to City Council
June 2014  Final Draft Work Plan submitted to the Regional Board for approval
May 2015  Final Draft EWMP presentation to City Council
June 2015  Final Draft EWMPs submitted to the Regional Board
April 2016  Anticipated approval of the EWMPs by the Regional Board and start of
EWMP implementation for both watersheds
AGENDA DESCRIPTION:

Consideration and possible action regarding a request from Tree Musketeers to waive fees for the use of City resources and staff time associated with their Make a Difference Day event on October 26, 2013. (Fiscal Impact: $1079.45)

RECOMMENDED COUNCIL ACTION:

1. Deny the request from Tree Musketeers to waive fees for the use of City resources and staff time associated with their Make a Difference Day event.
2. Alternatively, discuss and take other action related to this item.

ATTACHED SUPPORTING DOCUMENTS:

1. Letter from Tree Musketeers
2. Make a Difference Day Event Site Plan
3. Estimated Fees for City Equipment

FISCAL IMPACT: $1079.45

Amount Budgeted: $0
Additional Appropriation: $450.00
Account Number(s): 001-400-5102-4103 ($420.00)
001-400-4202-6214 ($30.00)

PREPARED BY: Jackie Day, Administrative Specialist
REVIEWED BY: Bob Cummings, Director of Recreation and Parks
APPROVED BY: Greg Carpenter, City Manager

BACKGROUND & DISCUSSION:

On October 26, 2013, Tree Musketeers is hosting Make a Difference Day, which includes pruning, mulching, watering, and general clean up of the trees and median of the City of Los Angeles owned property on Imperial Highway between Main Street and Hillcrest Street.

Tree Musketeers is planning to use Memory Row on Imperial Avenue to serve as a demonstration and volunteer training area. Memory Row will also serve as a post clean-up picnic area, which will include amplified music, food vendors, and games.

Tree Musketeers has completed and submitted the required City of El Segundo Special Event Use Permit Application for the use of Memory Row and has requested the City to provide the following:

- 5 Receptacles for recyclables
- Portable sound system
- 4 Tables
- 8 Chairs
- Truck with flashing light to draw attention to volunteers in the median
- No parking posted for food truck
- Event coverage by El Segundo TV
- 5 Trash cans
- 4 Canopies
- Event posted on City website
Staffing cost for the event is $450.00 which includes $420.00 for delivery and pick-up of City property and Parks staff to man the truck for the duration of the event and $30.00 for Public Works staff to prepare and hang No Parking signs at the event location.

In addition, Tree Musketeers has requested a fee waiver for $135.00 for their Amplified Sound Permit.

While there is not an established fee structure for the use of City equipment, staff estimates the value of the requested City property for this event to be $494.45.
September 25, 2013

Bob Cummings
Director, Recreation & Parks
City of El Segundo
401 Sheldon Street
El Segundo, CA 90245

Dear Mr. Cummings,

It took 17 years and three generations of youth leaders to get permission from the City of Los Angeles to plant “Trees to the Sea” in the barren median of Imperial Highway. Acting with El Segundo Mayors Mike Gordon and Eric Busch, TREE MUSKETEERS’ young executives launched the multi-year project with the understanding that the City of Los Angeles would care for the trees. Through large community Arbor Day events between 2005 and 2008, more than 2,000 volunteers planted 500 Trees to the Sea.

Shortly before the first planting, the City of Los Angeles reneged on the initial arrangement to maintain the Trees to the Sea. Stepped up fundraising was successful in generating sufficient funds to install a recycled water irrigation system and for TREE MUSKETEERS to provide three years of maintenance for the trees. This funding ran out in 2010 and the great recession has made all tree care donations far scarcer.

Funding limitations have necessitated that TREE MUSKETEERS scale back its level of Trees to the Sea care. The focus has been on keeping trees alive with long term health and aesthetics taking a distant backseat. As a result, weeds and litter among the Trees to the Sea on Imperial Highway are out of control. Monthly care days with a few volunteers are woefully inadequate.

In response to this dilemma and public outcry, TREE MUSKETEERS will host El Segundo’s 1st Annual Make a Difference Day on Saturday, Oct 26, 2013. The purpose is not to raise money, but simply to rally 100 or more volunteers to have fun while caring for Trees to the Sea. Plans call for this to feel very different than Arbor Day and to be accomplished without spending any money.

Staging: On Memory Row near Main St. (Set up 8-9:30am)
Activity: Trees to the Sea cleanup competition between teams of volunteers (Main - Hillcrest; 10am-Noon)
At noon: Music, games and a picnic in the park. People will either bring lunch or get it from one of two vendors engaged. (Cleanup 1-3pm)

We do not inherit the earth from our ancestors, we borrow it from our children. ~Native American Proverb
While we regret that the City is unable to be a partner in this event, we would very much appreciate the following assistance:

• 5 receptacles for recyclables
• 5 trash cans
• Portable sound system
• 4 Canopies
• 4 Tables
• 8 Chairs
• Truck with flashing light to draw attention to volunteers in the median
• No Parking posted for food truck
• Event coverage by Community Cable
• Event posted City website

Thank you in advance for investing in a project that will beautify a major entrance to El Segundo, help combat global warming, and stimulate community involvement. We look forward to a great event.

Sincerely,

Gail Church
Executive Director
Make a Difference Day 2013

Tree Care Area: Main St.—Hillcrest on Imperial Hwy

Staging Area
- 3 game booths: canopies, tables, chairs
- Port-a-Potty
- Jamba Juice station
- Portable sound system

Parking on Imperial Ave
Parking requirement for one food truck: 30' long, 15' wide, 25' clearance above the truck, access to passenger side to open up service doors and serve guests. The parking area must support a vehicle weight of 15,000 lbs.

Participants will be encouraged to carpool and instructed to park in available public spaces along the surrounding streets.
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AGENDA DESCRIPTION:

RECOMMENDED COUNCIL ACTION:
2. Set a public hearing for November 5, 2013; and/or
3. Alternatively, discuss and take other action related to this item.

ATTACHED SUPPORTING DOCUMENTS:
1. Ordinance No.____Adopting 2013 - California Building Code, Volumes I and II with amendments
2. Ordinance No.____Adopting 2013 - California Electrical Code
3. Ordinance No.____Adopting 2013 - California Plumbing Code with amendments
4. Ordinance No.____Adopting 2013 - California Mechanical Code with amendments
5. Ordinance No.____Adopting 2013 - California Fire Code with amendments
7. Ordinance No.____Adopting 2013 - California Residential Code with amendments
9. Ordinance No.____Adopting 1997 - Uniform Housing Code
10. Ordinance No.____Adopting 1997 - Uniform Code for the Abatement of Dangerous Buildings
11. Ordinance No.____Adopting Post Disaster Assessment Standards

FISCAL IMPACT: N/A
Amount Budgeted: N/A
Additional Appropriation: N/A
Account Number(s): N/A

ORIGINATED BY: Randell Kina, Senior Plan Check Engineer
Olivia Ortiz, License Permit Technician II
James Carver, Fire Marshal

REVIEWED BY: Sam Lee, Director of Planning and Building Safety
Kevin Smith, Fire Chief

APPROVED BY: Greg Carpenter, City Manager
BACKGROUND AND DISCUSSION:

Every three years the State’s Health & Safety Code requires local governments to adopt the most recent editions of the model codes related to construction. The construction codes include: the Building, Plumbing, Mechanical, Electrical, Fire, Energy, Residential and Green Building codes. If the City Council approves the Ordinances, then the most recent editions of the construction codes with local amendments will be in effect with the City of El Segundo on January 1, 2014 as required by State law.

I. Background

The State’s Health & Safety Code (Section 17958) mandates that the California Building Standards Commission adopt and publish the California Building Standards Code (Title 24 California Code of Regulations) every three (3) years and local governments are required to enforce the State Code after 180 days of the code’s publication by the state.

The following codes are proposed for adoption by reference with amendments. If adopted, these codes will replace the prior editions of the model codes in the El Segundo Municipal Code Title 13.

- 2013 California Building Code
- 2013 California Electrical Code
- 2013 California Plumbing Code
- 2013 California Mechanical Code
- 2013 California Fire Code
- 2013 California Energy Code
- 2013 California Residential Code
- 2013 California Green Building Standards Code

Proposed Amendments to the State Model Codes

The State Building Standards Code provides the minimum construction standards. Under the state law, local jurisdictions are permitted to make amendments to the State Code if there are local conditions that make it reasonably necessary because of local climatic, geological or topographical conditions. Both the Building & Safety Division and the Fire Department staff are proposing amendments to the California Building, Residential and Fire Codes. The amendments will affect construction of new buildings and additions to existing buildings and are not retroactive to existing buildings. Staff is recommending amendments to the Building, Residential and Fire codes be adopted to protect the welfare of the occupants and to ensure the economic viability of the community.
Why We Need Building and Residential Code Amendments

The City of El Segundo is within the greater Los Angeles region which is a densely populated area having buildings and structures constructed over and near a vast array of fault systems capable of producing major earthquakes, including but not limited to the 1994 Northridge Earthquake which resulted in over 60 deaths, left more than 25,000 people homeless and caused approximately $40 billion in economic loss. The amendments in the Building and Residential codes were first adopted and have been in our codes since the 1997. The amendments emphasize that the design concern is for seismic-force-resisting elements and therefore need to be incorporated into the code to assure that new buildings and structures and additions or alterations to existing buildings or structures are designed and constructed in accordance with the scope and objectives of the most recent International Building Code and local geological conditions. These amendments have been adopted by the Los Angeles Regional Uniform Code Program and have been incorporated in many of the Los Angeles County cities.

Additionally, voluntary earthquake mitigation standards have been incorporated in the new Building code. If adopted, building owners will have an option to use a city approved earthquake mitigation methodology to seismically upgrade their older buildings to a nationally recognized standard that will not only result in a more earthquake resistant building, but may mean lower insurance rates for our residents and business owners.

Why We Need Fire Code Amendments

The fire code amendments continue requirements for mid-rise buildings from 4 stories to 75 feet in height, existing fire department access, water supply and general fire safety requirements that are not addressed in the 2013 California Fire Code. These amendments in the Fire Code were first adopted and have been in our codes since the 1994. Also proposed this year are standards for building emergency radio communications and rooftop obstructions; installing roof top photovoltaic systems, roof gardens and landscaped roofs.

Justification of Local Amendments

The Building & Safety Division and the Fire Department are recommending that the above changes and modifications be made to the respective Codes and are advising that amendments are reasonably necessary due to local conditions in the City of El Segundo. Other modifications are of an administrative or procedural nature and concern themselves with subjects that are not covered by the Codes or are reasonably necessary to safeguard life and property within the City of El Segundo.

II. Legal Review

The City Attorney has approved the Ordinances as to form.
III. Recommendation

ORDINANCE NO. __________

AN ORDINANCE INCORPORATING THE 2013 CALIFORNIA BUILDING CODE ("CBC") BY REFERENCE AND AMENDING THE CBC BASED UPON LOCAL CLIMATIC, TOPOGRAPHIC, AND GEOLOGICAL CONDITIONS.

The council of the city of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. In accord with Health & Safety Code Section 17958.7, it is in the public interest to adopt the California Building Code ("CBC") with the changes set forth in this Ordinance.

B. Pursuant to the requirements of Health & Safety Code Section 17958.7, the City Council finds that there are local geological conditions justifying the CBC amendments set forth below.

The City of El Segundo and the greater Los Angeles region is a densely populated area having buildings and structures constructed over and near a vast array of fault systems capable of producing major earthquakes, including but not limited to the recent 1994 Northridge Earthquake. The proposed modification emphasize that the design concern is for seismic-force-resisting elements and therefore need to be incorporated into the code to assure that new buildings and structures and additions or alterations to existing buildings or structures are designed and constructed in accordance with the scope and objectives of the International Building Code. Experts predict a major earthquake in our area within the next 50 years. This situation creates the need for both additional fire protection measures and automatic on-site fire protection of building occupants since a multitude of fires may result from breakage of gas and electric lines as a result of an earthquake. After due consideration, the City Council finds and determines that due to local climatic, geological, or topographical conditions, the structural and fire protection amendments to the 2013 CBC are necessary to give buildings a reasonable degree of structural integrity and fire life safety to help protect public health and safety in the event of a seismic event;

Additional amendments have been made to Codes are hereby found to be either administrative or procedural in nature or concern themselves with subjects not covered in such Codes. The changes made include provisions making each of said Codes compatible with other Codes enforced by the City.

C. The specific amendments of the CBC that fulfill this requirement are:

1. Amend CBC Section 105.2 Work exempt from permit
2. Amend CBC Section 105.3.2 Expiration of Plan Check
3. Amend CBC Section 105.5 Expiration of Permits
4. Add CBC section 109.7 Re-inspections
5. Amend CBC Section 113.3 Board of appeals
6. Add CBC section 1613.6 Building Separation
7. Add CBC section 1613.7 Values for Vertical Combinations
8. Add CBC section 1613.8 Sub-daphragm
9. Add CBC section 1613.10 Suspended Ceiling
10. Amend CBC section 1704.5 Structural Observation General
11. Amend CBC section 1704.5.1 Structural Observation Seismic
12. Amend CBC section 1705.3 Special Inspection-Concrete Construction
13. Amend CBC section 1705.3 Special Inspection-Anchors in Concrete
14. Amend CBC section 1705.11 Seismic Resistance Inspection
15. Amend CBC section 1711.1.1 Joist Hangers
16. Amend CBC section 1711.1.2 Joist Hangers
17. Amend CBC section Chapter 35 ASTM reference standards
18. Amend CBC section 1807.1.4 Permanent Wood Foundation Systems
19. Amend CBC section 1807.1.6 Prescriptive Design of Foundation walls
20. Amend CBC section 1809.3 Stepped Footings
21. Amend CBC section 1809.7 and Table 1809.7 Prescriptive Footing for Light Frame Construction
22. Amend CBC section 1809.12 Timber Footings
23. Amend CBC section 1810.3.2.4 Timber
24. Amend CBC section 1905.1.3 Wall Pier
25. Amend CBC section 1905.1.8 Minimum Reinforcement
26. Amend CBC section 1905.1. Reinforcement
27. Amend CBC section 2304.9.1 Fastener Requirements
28. Amend CBC section 2304.11.7 Wood Retaining Walls
29. Amend CBC section 2305.4 Quality of Nails
30. Amend CBC section 2305.5 Hold-down Connectors
31. Amend CBC section 2306.2 Wood-frame Diaphragms
32. Amend CBC section 2307.2 Wood-frame Shear Walls
33. Amend CBC section 2308.3.4 Brace Wall Line Support
34. Amend CBC section 2308.9.3 Alternate Bracing
35. Amend CBC section 2308.12.4 Brace Wall Sheathing
36. Amend CBC section 2308.12.5 Attachment of Sheathing
37. Amend Appendix J section J 101 by adding a new section J 101.4 Protection of Adjacent Properties
38. Amend Appendix J section J 101 by adding a new section J 101.4 Safety Precautions
39. Amend Appendix J section J 101 by adding a new section J 101.5 Protection of Utilities
40. Amend Appendix J section J 103.2 Exemptions item 1 and add 1-A

D. At least one copy of the CBC was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing

SECTION 2: El Segundo Municipal Code ("ESMC") Section 13-1-1 is amended in its entirety to read as follows:

CHAPTER 1
BUILDING CODE


SECTION 3: ESMC Section 13-1-2 is amended to the California Building Code including the adopted appendices is hereby amended as follows:

"13-1-2:AMENDMENTS TO THE CODE:

Number 14 is added to Section 105.2 of Division II of Chapter 1 of the CBC as follows:

Section 105.2 Work exempt from permit.

14. Block wall and concrete fences not over 3 ft 6 inches.
Section 105.3.2 of Division II of Chapter 1 of the CBC is hereby amended to read as follows:

SECTION 105.3.2 EXPIRATION OF PLAN CHECK.

An application for a permit for any proposed work shall be deemed to have been abandoned 12 months after the date of filing and no permit shall be issued until the plans are rechecked and approved and a new fee is paid.

EXCEPTION: The Building Official may grant extensions of time if a permit applicant submits in writing sufficient evidence that unusual conditions or circumstances precluded the securing of the permit within the allocated time.

Section 105.5 of Division II of Chapter 1 of the CBC is hereby amended to read as follows:

SECTION 105.5 EXPIRATION OF PERMITS.

Every permit issued shall be valid for a period of three (3) years from the date thereof, provided that any permit shall expire on the one hundred and eightieth (180) day from date of issuance if the work permitted thereunder has not been commenced; or shall expire whenever the Department determines the work authorized by any permit has been suspended, discontinued or abandoned for a continuous period of 180 days.

EXCEPTION: The Building Official may grant extensions of time if a permit applicant submits in writing sufficient evidence that unusual conditions or circumstances precluded from the work being completed. An extension of time may require conditions of approval and additional fees.

Section 109.7 of Division II of Chapter 1 of the CBC is hereby added to read as follows:

Section 109.7 Re-inspections.

A re-inspection fee in the amount set by the building official may be assessed for each inspection or re-inspection when such portion of work for which inspection is called is not complete or when corrections called are not made. This section is not to be interpreted as requiring re-inspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for such inspection or re-inspection. Re-inspection fees may be assessed when the inspection record card is not posted or otherwise available on the work site, the approved plans are not readily available to the inspector, for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the building official. In instances where re-inspection fees have been assessed, no additional inspection of the work will be performed until required fees have been paid.
Section 113.3 of Division II of Chapter 1 of the CBC is hereby amended to read as follows:

Section 113.3 Board of Appeals.

The board of appeals shall consist of members of the Planning Commission. The term of a board of appeals member will coincide with the term of service as a Planning Commissioner and will terminate should the member cease serving as a Planning Commissioner. The building official is the secretary to the board. The board may adopt reasonable rules and regulations for conducting its investigations and will render all its decisions and findings on contested matters, in writing to the building official, with a duplicate copy for any appellant or contestant affected by such decision or finding, and may recommend to the city council appropriate new legislation.

Three members of the board constitute a quorum. The Planning Chairperson is the board’s chairperson and in the chairperson’s absence the board will select a temporary chairperson.

The city will assess a $250.00 charge, or a higher amount set by resolution, at the time that an appellant file appeal of any order, decisions, or determination made by the building official relative to the application and interpretation of this code. The filing fee is refundable should the appellant prevail in a decision by the board. The appeal must be taken by filing a written notice of appeal, in letterform, to the board of appeals. The board’s decision constitutes the city’s final decision.
Section 1613.6 of Division II of Chapter 1 of the CBC is added to read as follows:

**1613.6 ASCE 7, 12.12.3**
Modify ASCE 7 Equation 12.12-1 of Section 12.12.3 to read as follows:

$$
\delta_M = \frac{C_d \delta_{\text{max}}}{I_c} \quad (12.12-1)
$$

Section 1613.7 of Division II of Chapter 1 of the CBC is added to read as follows:

**1613.7 ASCE 7, 12.2.3.1, Exception 3.**
Modify ASCE 7 Section 12.2.3.1 Exception 3 to read as follows:

3. Detached one- and two-family dwellings up to two stories in height of light frame construction.
Section 1613.8 of Division II of Chapter 1 of the CBC is added to read as follows:

**1613.8 ASCE 7 12.11.2.2.3 Wood Diaphragms.**
In wood diaphragms, the continuous ties shall be in addition to the diaphragm sheathing. Anchorage shall not be accomplished by use of toe nails or nails subject to withdrawal nor shall wood ledgers or framing be used in cross-grain bending or cross-grain tension. The diaphragm sheathing shall not be considered effective as providing ties or struts required by this section.

For structures assigned to Seismic Design Category D, E or F, wood diaphragms supporting concrete or masonry walls shall comply with the following:

1. The spacing of continuous ties shall not exceed 40 feet. Added chords of diaphragms may be used to form subdiaphragms to transmit the anchorage forces to the main continuous cross-ties.

2. The maximum diaphragm shear used to determine the depth of the subdiaphragm shall not exceed 75% of the maximum diaphragm shear.
Section 1613.10 of Division II of Chapter 1 of the CBC is added to read as follows:

1613.10 Suspended Ceilings.
Minimum design and installation standards for suspended ceilings shall be determined in accordance with the requirements of Section 2506.2.1 of this Code and this section.

1613.10.1 Scope. This part contains special requirements for suspended ceilings and lighting systems. Provisions of Section 13.5.6 of ASCE 7-10 shall apply except as modified herein.

1613.10.2 General. The suspended ceilings and lighting systems shall be limited to 6 feet (1828 mm) below the structural deck unless the lateral bracing is designed by a licensed engineer or architect.

1613.10.3 Sprinkler Heads. All sprinkler heads (drops) except fire-resistance-rated floor/ceiling or roof/ceiling assemblies, shall be designed to allow for free movement of the sprinkler pipes with oversize rings, sleeves or adaptors through the ceiling tile. Sprinkler heads and other penetrations shall have a 2 in. (50mm) oversize ring, sleeve, or adaptor through the ceiling tile to allow for free movement of at least 1 in. (25mm) in all horizontal directions. Alternatively, a swing joint that can accommodate 1 in. (25mm) of ceiling movement in all horizontal directions is permitted to be provided at the top of the sprinkler head extension.

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

1613.10.4 Special Requirements for Means of Egress. Suspended ceiling assemblies located along means of egress serving an occupant load of 30 or more shall comply with the following provisions.

1613.10.4.1 General. Ceiling suspension systems shall be connected and braced with vertical hangers attached directly to the structural deck along the means of egress serving an occupant load of 30 or more and at lobbies accessory to Group A Occupancies. Spacing of vertical hangers shall not exceed 2 feet (610 mm) on center along the entire length of the suspended ceiling assembly located along the means of egress or at the lobby.

1613.10.4.2 Assembly Device. All lay-in panels shall be secured to the suspension ceiling assembly with two hold-down clips minimum for each tile within a 4-foot (1219 mm) radius of the exit lights and exit signs.

1613.10.4.3 Emergency Systems. Independent supports and braces shall be provided for light fixtures required for exit illumination. Power supply for exit illumination shall comply with the requirements of Section 1006.3 of this Code.

1613.10.4.4 Supports for Appendage. Separate support from the structural deck shall be provided for all appendages such as light fixtures, air diffusers, exit signs, and similar elements.
Section 1704.5 of Division II of Chapter 1 of the CBC is amended to read as follows:

1704.5 Structural Observations.

Where required by the provisions of Section 1704.5.1 or 1704.5.2, the owner shall employ a structural observer to perform structural observations as defined in Section 1702. The structural observer shall be one of the following individuals:

1. The registered design professional responsible for the structural design, or

2. A registered design professional designated by the registered design professional responsible for the structural design.

Prior to the commencement of observations, the structural observer shall submit to the building official a written statement identifying the frequency and extent of structural observations.

The owner or owner's representative shall coordinate and call a preconstruction meeting between the structural observer, contractors, affected subcontractors and special inspectors. The structural observer shall preside over the meeting. The purpose of the meeting shall be to identify the major structural elements and connections that affect the vertical and lateral load resisting systems of the structure and to review scheduling of the required observations. A record of the meeting shall be included in the report submitted to the building official.

Observed deficiencies shall be reported in writing to the owner or owner's representative, special inspector, contractor and the building official. Upon the form prescribed by the building official, the structural observer shall submit to the building official a written statement at each significant construction stage stating that the site visits have been made and identifying any reported deficiencies which, to the best of the structural observer's knowledge, have not been resolved. A final report by the structural observer which states that all observed deficiencies have been resolved is required before acceptance of the work by the building official.
Section 1704.5.1 of Division II of Chapter 1 of the CBC is amended to read as follows:

**1704.5.1 Structural observations for seismic resistance.**

Structural observations shall be provided for those structures assigned to Seismic Design Category D, E or F, where one or more of the following conditions exist:

1. The structure is classified as Risk Category III or IV in accordance with Table 1604.5.

2. The height of the structure is greater than 75 feet (22860 mm) above the base.

3. The structure is classified as Risk Category I or II in accordance with Table 1604.5, and a lateral design is required for the structure or portion thereof.

**Exception:** One-story wood framed Group R-3 and Group U Occupancies less than 2,000 square feet in area, provided the adjacent grade is not steeper than 1 unit vertical in 10 units horizontal (10% sloped), assigned to Seismic Design Category D.

4. When so designated by the registered design professional responsible for the structural design.

5. When such observation is specifically required by the building official.
Section 1705.3 of Division II of Chapter 1 of the CBC is amended to read as follows:

1705.3 Concrete Construction.

The special inspections and verifications for concrete construction shall be as required by this section and Table 1705.3.

Exceptions: Special inspection shall not be required for:

1. Isolated spread concrete footings of buildings three stories or less above grade plane that are fully supported on earth or rock, where the structural design of the footing is based on a specified compressive strength, $f'_c$, no greater than 2,500 pounds per square inch (psi) (17.2 Mpa) regardless of the compressive strength specified in the construction documents or used in the footing construction.

2. Continuous concrete footings supporting walls of buildings three stories or less in height that are fully supported on earth or rock where:

2.1. The footings support walls of light-frame construction;

2.2. The footings are designed in accordance with Table 1805.4.2; or

2.3. The structural design of the footing is based on a specified compressive strength, $f'_c$, no greater than 2,500 pounds per square inch (psi) (17.2 Mpa), regardless of the compressive strength specified in the construction documents or used in the footing construction.

3. Nonstructural concrete slabs supported directly on the ground, including prestressed slabs on grade, where the effective prestress in the concrete is less than 150 psi (1.03 Mpa).

4. Concrete patios, driveways and sidewalks, on grade.
Table 1705.3 of Division II of Chapter 1 of the CBC is amended to read as follows:

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>CONTINUOUS</th>
<th>PERIODIC</th>
<th>REFERENCE STANDARD</th>
<th>IBC REFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Inspection of anchors cast in concrete where allowable loads have been increased or where strength design is used.</td>
<td>-</td>
<td>x</td>
<td>ACI 318: D.9.2</td>
<td>1908.5,</td>
</tr>
<tr>
<td>4. Inspection of anchors post-installed in hardened concrete members^h</td>
<td>-</td>
<td>x</td>
<td>ACI 318: D.9.2.4</td>
<td>-</td>
</tr>
<tr>
<td>a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads.</td>
<td>x</td>
<td>x</td>
<td>ACI 318: D.9.2</td>
<td>-</td>
</tr>
<tr>
<td>b. Mechanical anchors and adhesive anchors not defined in 4.a.</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

^h Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with ACI 355.2 D.9.2 in ACI 318, or other qualification procedures. Where specific requirements are not provided, special inspection requirements shall be specified by the registered design professional and shall be approved by the building official prior to the commencement of the work.

(Portions of table not shown remain unchanged.)
Exception 3 of Section 1705.11 of Division II of Chapter 1 of the CBC is amended to read as follows:

1705.11 Special inspections for seismic resistance.
Special inspections itemized in Sections 1705.11.1 through 1705.11.8, unless exempted by the exceptions of Section 1704.2, are required for the following:

1. The seismic force-resisting systems in structures assigned to Seismic Design Category C, D, E or F in accordance with Sections 1705.11.1 through 1705.11.3, as applicable.

2. Designated seismic systems in structures assigned to Seismic Design Category C, D, E or F in accordance with Section 1705.11.4.

3. Architectural, mechanical and electrical components in accordance with Sections 1705.11.5 and 1705.11.6.

4. Storage racks in structures assigned to Seismic Design Category D, E or F in accordance with Section 1705.11.7.

5. Seismic isolation systems in accordance with Section 1705.11.8.

Exception: Special inspections itemized in Sections 1705.11.1 through 1705.11.8 are not required for structures designed and constructed in accordance with one of the following:

1. The structure consists of light-frame construction; the design spectral response acceleration at short periods, $S_{DS}$, as determined in Section 1613.3.4, does not exceed 0.5; and the building height of the structure does not exceed 35 feet (10 668 mm)

2. The seismic force-resisting system of the structure consists of reinforced masonry or reinforced concrete; the design spectral response acceleration at short periods, $S_{DS}$, as determined in Section 1613.3.4, does not exceed 0.5; and the building height of the structure does not exceed 25 feet (7620 mm)

3. The structure is a detached one- or two-family dwelling not exceeding two stories above grade plane, is not assigned to Seismic Design Category D, E or F and does not have any of the following horizontal or vertical irregularities in accordance with Section 12.3 of ASCE 7:

3.1 Torsional or extreme torsional irregularity.

3.2 Nonparallel systems irregularity.

3.3 Stiffness-soft story or stiffness-extreme soft story irregularity.

3.4 Discontinuity in lateral strength-weak story irregularity.
Section 1711.1.1 of Division II of Chapter 1 of the CBC is amended to read as follows:

1711.1.1 General.

The vertical load-bearing capacity, torsional moment capacity and deflection characteristics of joist hangers shall be determined in accordance with ASTM D 1761 and ASTM D 7147 as specified below using lumber having a specific gravity of 0.49 or greater, but not greater than 0.55, as determined in accordance with AF&PA NDS for the joist and headers.

Exception: The joist length shall not be required to exceed 24 inches (610 mm).

Section 1711.1.2 of Division II of Chapter 1 of the CBC is amended to read as follows:

1711.1.2 Vertical load capacity for joist hangers.

The vertical load-bearing capacity for the joist hanger shall be determined by testing a minimum of three joist hanger assemblies as specified in ASTM D 1761 or ASTM D 7147. If the ultimate vertical load for any one of the tests varies more than 20 percent from the average ultimate vertical load, at least three additional tests shall be conducted. The allowable vertical load-bearing of the joist hanger shall be the lowest value determined from the following:

1. The lowest ultimate vertical load for a single hanger from any test divided by three (where three tests are conducted and each ultimate vertical load does not vary more than 20 percent from the average ultimate vertical load).

2. The average ultimate vertical load for a single hanger from all tests divided by three (where six or more tests are conducted).

3. The average from all tests of the vertical loads that produce a vertical movement of the joist with respect to the header of 1/8 inch (3.2 mm).

4. The sum of the allowable design loads for nails or other fasteners utilized to secure the joist hanger to the wood members and allowable bearing loads that contribute to the capacity of the hanger.

5. The allowable design load for the wood members forming the connection.
Chapter 35 of Division II of Chapter 1 of the CBC is amended to read as follows:

**Amend the Reference Standards in Chapter 35 for ASTM as follows:**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
<th>1711.1.1</th>
<th>1711.1.2</th>
<th>1711.1.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>D 1761-88(2000) ε1</td>
<td>Test Method for Mechanical Fasteners in Wood</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 1807.1.4 of Division II of Chapter 1 of the CBC is amended to read as follows:

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

Section 1807.1.6 of Division II of Chapter 1 of the CBC is amended to read as follows:

**1807.1.6 Prescriptive design of concrete and masonry foundation walls.**
Concrete and masonry foundation walls that are laterally supported at the top and bottom shall be permitted to be designed and constructed in accordance with this section. Prescriptive design of foundation walls shall not be used for structures assigned to Seismic Design Category D, E or F.
Section 1809.3 of Division II of Chapter 1 of the CBC is amended to read as follows:

**1809.3 Stepped footings.**

The top surface of footings shall be level. The bottom surface of footings shall be permitted to have a slope not exceeding one unit vertical in 10 units horizontal (10-percent slope). Footings shall be stepped where it is necessary to change the elevation of the top surface of the footing or where the surface of the ground slopes more than one unit vertical in 10 units horizontal (10-percent slope).

For structures assigned to Seismic Design Category D, E or F, the stepping requirement shall also apply to the top surface of grade beams supporting walls. Footings shall be reinforced with four No. 4 rebar. Two bars shall be placed at the top and bottom of the footings as shown in Figure 1809.3.

---

**RECOMMEND:**

- \( a > b \)
- \( b \leq 20' \)

**MIN. 2-N REBAR (TOP & BOTTOM)**

**BOTTOM PLATE (TYP.)**

**GRADE**

---

**FIGURE 1809.3**

**STEPPED FOOTING**
Section 1809.7 and Table 1809.7 of Division II of Chapter 1 of the CBC are amended to read as follows:

1809.7 Prescriptive footings for light-frame construction.
Where a specific design is not provided, concrete or masonry-unit footings supporting walls of light-frame construction shall be permitted to be designed in accordance with Table 1809.7. Prescriptive footings in Table 1809.7 shall not exceed one story above grade plane for structures assigned to Seismic Design Category D, E or F.

<table>
<thead>
<tr>
<th>NUMBER OF FLOORS SUPPORTED BY THE FOOTING</th>
<th>WIDTH OF FOOTING (INCHES)</th>
<th>THICKNESS OF FOOTING (INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>2</td>
<td>15</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>18</td>
<td>8⁷</td>
</tr>
</tbody>
</table>

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm
a. Depth of footings shall be in accordance with Section 1809.4.
b. The ground under the floor shall be permitted to be excavated to the elevation of the top of the footing.
c. Not Adopted.
d. See Section 1808 for additional requirements for concrete footings of structures assigned to Seismic Design Category C, D, E or F.
e. For thickness of foundation walls, see Section 1807.1.6.
f. Footings shall be permitted to support a roof addition to the stipulated number of floors. Footings supporting roof only shall be as required for supporting one floor.
Section 1809.12 of Division II of Chapter 1 of the CBC is amended to read as follows:

1809.12 Timber footings.
Timber footings shall be permitted for buildings of Type V construction and as otherwise approved by the building official. Such footings shall be treated in accordance with AWPA U1 (Commodity Specification A, Use Category 4B). Treated timbers are not required where placed entirely below permanent water level, or where used as capping for wood piles that project above the water level over submerged or marsh lands. The compressive stresses perpendicular to grain in untreated timber footing supported upon treated piles shall not exceed 70 percent of the allowable stresses for the species and grade of timber as specified in the AF&PA NDS. Timber footings shall not be used in structures assigned to Seismic Design Category D, E or F.
Section 1810.3.2.4 of Division II of Chapter 1 of the CBC is amended to read as follows:

1810.3.2.4 Timber.
Timber deep foundation elements shall be designed as piles or poles in accordance with AF&PA NDS. Round timber elements shall conform to ASTM D 25. Sawn timber elements shall conform to DOC PS-20. Timber shall not be used in structures assigned to Seismic Design Category D, E or F.
Section 1905.1.3 of Division II of Chapter 1 of the CBC is amended to read as follows:

1905.1.3 ACI 318, Section 21.4.
Modify ACI 318, Section 21.4, by renumbering Section 21.4.3 to become 21.4.4 and adding new Sections 21.4.3, 21.4.5, 21.4.6 and 21.4.7 to read as follows:

21.4.3 – Connections that are designed to yield shall be capable of maintaining 80 percent of their design strength at the deformation induced by the design displacement or shall use Type 2 mechanical splices.

21.4.4 – Elements of the connection that are not designed to yield shall develop at least 1.5 $S_T$.

21.4.5 – In structures assigned to Seismic Design Category D, E or F, intermediate precast wall panels and wall piers shall be designed in accordance with Section 21.9 or 21.13.

21.4.6 – Wall piers not designed as part of a moment frame in buildings assigned to Seismic Design Category C shall have transverse reinforcement designed to resist the shear forces determined from 21.3.3. Spacing of transverse reinforcement shall not exceed 8 inches (203 mm). Transverse reinforcement shall be extended beyond the pier clear height for at least 12 inches (305 mm).

Exceptions:


2. Wall piers along a wall line within a story where other shear wall segments provide lateral support to the wall piers and such segments have a total stiffness of at least six times the sum of the stiffnesses of all the wall piers.

21.4.7 – Wall segments with a horizontal length-to-thickness ratio less than 2.5 shall be designed as columns.

Section 1905.1.8 of Division II of Chapter 1 of the CBC is amended to read as follows:

1905.1.8 ACI 318, Section 22.10.
Delete ACI 318, Section 22.10, and replace with the following:

22.10 – Plain concrete in structures assigned to Seismic Design Category C, D, E or F.

22.10.1 – Structures assigned to Seismic Design Category C, D, E or F shall not have elements of structural plain concrete, except as follows:

(a) Isolated footings of plain concrete supporting pedestals or columns are permitted, provided the projection of the footing beyond the face of the supported member does not exceed the footing thickness.

(c) Plain concrete footings supporting walls are permitted provided the footings have at least two continuous longitudinal reinforcing bars. Bars shall not be smaller than No. 4 and shall have a total area of not less than 0.002 times the gross cross-sectional area of the footing. A minimum of one bar shall be provided at the top and bottom of the footing. Continuity of reinforcement shall be provided at corners and intersections.
Section 1905.1 of Division II of Chapter 1 of the CBC is amended and Sections 1905.1.10 thru 1905.1.12 are added to Chapter 19 of Division II of Chapter 1 of the CBC to read as follows:

1905.1 General.
The text of ACI 318 shall be modified as indicated in Sections 1905.1.1 through 1905.1.12.

1905.1.10 ACI 318, Section 21.6.4.
Modify ACI 318, Section 21.6.4, by adding Section 21.6.4.8 and 21.6.4.9 as follows:

21.6.4.8 Where the calculated point of contraflexure is not within the middle half of the member clear height, provide transverse reinforcement as specified in ACI 318 Sections 21.6.4.1, Items (a) through (c), over the full height of the member.

21.6.4.9 – At any section where the design strength, $P_o$, of the column is less than the sum of the shears $V_e$ computed in accordance with ACI 318 Sections 21.5.4.1 and 21.6.5.1 for all the beams framing into the column above the level under consideration, transverse reinforcement as specified in ACI 318 Sections 21.6.4.1 through 21.6.4.3 shall be provided. For beams framing into opposite sides of the column, the moment components are permitted to be assumed to be of opposite sign. For the determination of the design strength, $P_o$, of the column, these moments are permitted to be assumed to result from the deformation of the frame in any one principal axis.

1905.1.11 ACI 318, Section 21.9.4.
Modify ACI 318, Section 21.9.4, by adding Section 21.9.4.6 as follows:

21.9.4.6 – Walls and portions of walls with $P_o > 0.35P_o$ shall not be considered to contribute to the calculated shear strength of the structure for resisting earthquake-induced forces. Such walls shall conform to the requirements of ACI 318 Section 21.13.

1905.1.12 ACI 318, Section 21.11.6.
Modify ACI 318, by adding Section 21.11.6.1 as follows:

21.11.6.1 Collector and boundary elements in topping slabs placed over precast floor and roof elements shall not be less than 3 inches (76 mm) or 6 $d_b$ in thickness, where $d_b$ is the diameter of the largest reinforcement in the topping slab.
Section 2304.9.1 of Division II of Chapter 1 of the CBC is amended to read as follows:

2304.9.1 Fastener requirements.
Connections for wood members shall be designed in accordance with the appropriate methodology in Section 2301.2. The number and size of fasteners connecting wood members shall not be less than that set forth in Table 2304.9.1. Staple fasteners in Table 2304.9.1 shall not be used to resist or transfer seismic forces in structures assigned to Seismic Design Category D, E or F.

Exception: Staples may be used to resist or transfer seismic forces when the allowable shear values are substantiated by cyclic testing and approved by the building official.

Section 2304.11.7 of Division II of Chapter 1 of the CBC is amended to read as follows:

2304.11.7 Wood used in retaining walls and cribs.
Wood installed in retaining or crib walls shall be preservative treated in accordance with AWPA U1 (Commodity Specifications A or F) for soil and fresh water use. Wood shall not be used in retaining or crib walls for structures assigned to Seismic Design Category D, E or F.
Section 2305.4 of Division II of Chapter 1 of the CBC is amended to read as follows:

2305.4 Quality of Nails.
In Seismic Design Category D, E or F, mechanically driven nails used in wood structural panel shear walls shall meet the same dimensions as that required for hand-driven nails, including diameter, minimum length and minimum head diameter. Clipped head or box nails are not permitted in new construction. The allowable design value for clipped head nails in existing construction may be taken at no more than the nail-head-area ratio of that of the same size hand-driven nails.
Section 2305.5 of Division II of Chapter 1 of the CBC is added to Chapter 23 to read as follows:

2305.5 Hold-down connectors.
In Seismic Design Category D, E or F, hold-down connectors shall be designed to resist shear wall overturning moments using approved cyclic load values or 75 percent of the allowable seismic load values that do not consider cyclic loading of the product. Connector bolts into wood framing shall require steel plate washers on the post on the opposite side of the anchorage device. Plate size shall be a minimum of 0.229 inch by 3 inches by 3 inches (5.82 mm by 76 mm by 76 mm) in size. Hold-down connectors shall be tightened to finger tight plus one half (1/2) wrench turn just prior to covering the wall framing.
Section 2306.2 of Division II of Chapter 1 of the CBC is amended to read as follows:

2306.2 Wood-frame diaphragms.
Wood-frame diaphragms shall be designed and constructed in accordance with AF&PA SDPWS. Where panels are fastened to framing members with staples, requirements and limitations of AF&PA SDPWS shall be met and the allowable shear values set forth in Table 2306.2(1) or 2306.2(2) shall only be permitted for structures assigned to Seismic Design Category A, B, or C.

Exception: Allowable shear values where panels are fastened to framing members with staples may be used if such values are substantiated by cyclic testing and approved by the building official.

The allowable shear values in Tables 2306.2(1) and 2306.2(2) are permitted to be increased 40 percent for wind design.

Exception: [DSA-SS, DSA-SS/CC and OSHPD 1, 2 & 4] Wood structural panel diaphragms using staples as fasteners are not permitted by DSA and OSHPD.

Wood structural panel diaphragms used to resist seismic forces in structures assigned to Seismic Design Category D, E or F shall be applied directly to the framing members.

Exception: Wood structural panel diaphragms are permitted to be fastened over solid lumber planking or laminated decking, provided the panel joints and lumber planking or laminated decking joints do not coincide.

Section 2306.3 of Division II of Chapter 1 of the CBC is amended and Section 2307.2 is added to read as follows:

2306.3 Wood-frame shear walls.
Wood-frame shear walls shall be designed and constructed in accordance with AF&PA SDPWS. For structures assigned to Seismic Design Category D, E, or F, application of Tables 4.3A and 4.3B of AF&PA SDPWS shall include the following:

1. Wood structural panel thickness for shear walls shall not be less than 3/8 inch thick and studs shall not be spaced at more than 16 inches on center.

2. The maximum nominal unit shear capacities for 3/8 inch wood structural panels resisting seismic forces in structures assigned to Seismic Design Category D, E or F is 400 pounds per linear foot (plf).

Exception: Other nominal unit shear capacities may be permitted if such values are substantiated by cyclic testing and approved by the building official.

3. Where shear design values using allow stress design (ASD) exceed 350 plf or load and resistance factor design (LRFD) exceed 500 plf, all framing members receiving edge nailing from abutting panels shall not be less than a single 3-inch nominal member, or two 2-inch nominal members fastened together in accordance with Section 2306.1 to transfer the design shear value between framing members. Wood structural panel joint and sill plate nailing shall be staggered at all panel edges. See Section 4.3.6.1 and 4.3.6.4.3 of AF&PA SDPWS for sill plate size and anchorage requirements.
4. Nails shall be placed not less than 1/2 inch in from the panel edges and not less than 3/8 inch from the edge of the connecting members for shear greater than 350 plf using ASD or 500 plf using LRFD. Nails shall be placed not less than 3/8 inch from panel edges and not less than 1/4 inch from the edge of the connecting members for shears of 350 plf or less using ASD or 500 plf or less using LRFD.

5. Table 4.3B application is not allowed for structures assigned to Seismic Design Category D, E, or F.

For structures assigned to Seismic Design Category D, application of Table 4.3C of AF&PA SDPWS shall not be used below the top level in a multi-level building for structures.

Where panels are fastened to framing members with staples, requirements and limitations of AF&PA SDPWS shall be met and the allowable shear values set forth in Table 2306.3(1), 2306.3(2) or 2306.3(3) shall only be permitted for structures assigned to Seismic Design Category A, B, or C.

Exception: Allowable shear values where panels are fastened to framing members with staples may be used if such values are substantiated by cyclic testing and approved by the building official.

The allowable shear values in Tables 2306.3(1) and 2306.3(2) are permitted to be increased 40 percent for wind design. Panels complying with ANSI/APA PRF-210 shall be permitted to use design values for Plywood Siding in the AF&PA SDPWS.

Exception: [DSA-SS 7DSA-SS/CC and OSHPD 1, 2 & 4] Wood structural panel shear walls using staples as fasteners are not permitted by DSA and OSHPD.

2307.2 Wood-frame shear walls. Wood-frame shear walls shall be designed and constructed in accordance with Section 2306.3 as applicable.
Section 2308.3.4 of Chapter 23 of Division II of Chapter 1 of the CBC is amended to read as follows:

2308.3.4 Braced wall line support.
Braced wall lines shall be supported by continuous foundations.

Exception: For structures with a maximum plan dimension not over 50 feet (15240 mm), continuous foundations are required at exterior walls only for structures assigned to Seismic Design Category A, B, or C.
Section 2308.9.3.1, Section 2308.9.3.2 and Figure 2308.9.3.2 of the 2013 Edition of the California Building Code are amended to read as follows:

2308.9.3.1 Alternative bracing.
Any bracing required by Section 2308.9.3 is permitted to be replaced by the following:

1. In one-story buildings, each panel shall have a length of not less than 2 feet 8 inches (813 mm) and a height of not more than 10 feet (3048 mm). Each panel shall be sheathed on one face with 3/8-inch-minimum-thickness (9.5 mm) wood structural panel sheathing nailed with 8d common or galvanized box nails in accordance with Table 2304.9.1 and blocked at wood structural panel edges. For structures assigned to Seismic Design Category D or E, each panel shall be sheathed on one face with 15/32-inch-minimum-thickness (11.9 mm) wood structural panel sheathing nailed with 8d common nails spaced 3 inches on panel edges, 3 inches at intermediate supports. Two anchor bolts installed in accordance with Section 2308.6 shall be provided in each panel. Anchor bolts shall be placed at each panel outside quarter points. Each panel end stud shall have a tie-down device fastened to the foundation, capable of providing an approved uplift capacity of not less than 1,800 pounds (8006 N). The tie-down device shall be installed in accordance with the manufacturer's recommendations. The panels shall be supported directly on a foundation or on floor framing supported directly on a foundation that is continuous across the entire length of the braced wall line. This foundation shall be reinforced with not less than one No. 4 bar top and bottom.

Where the continuous foundation is required to have a depth greater than 12 inches (305 mm), a minimum 12-inch by 12-inch (305 mm by 305 mm) continuous footing or turned down slab edge is permitted at door openings in the braced wall line. This continuous footing or turned down slab edge shall be reinforced with not less than one No. 4 bar top and bottom. This reinforcement shall be lapped 15 inches (381 mm) with the reinforcement required in the continuous foundation located directly under the braced wall line.

2. In the first story of two-story buildings, each wall panel shall be braced in accordance with Section 2308.9.3.1, Item 1, except that the wood structural panel sheathing shall be provided on both faces, three anchor bolts shall be placed at one-quarter points, and tie-down device uplift capacity shall not be less than 3,000 pounds (13,344 N).

2308.9.3.2 Alternate bracing wall panel adjacent to a door or window opening.
Any bracing required by Section 2308.9.3 is permitted to be replaced by the following when used adjacent to a door or window opening with a full-length header:

1. In one-story buildings, each panel shall have a length of not less than 16 inches (406 mm) and a height of not more than 10 feet (3048 mm). Each panel shall be sheathed on one face with a single layer of 3/8 inch (9.5 mm) minimum thickness wood structural panel sheathing nailed with 8d common or galvanized box nails in accordance with Figure 2308.9.3.2. For structures assigned to Seismic Design Category D or E, each panel shall be sheathed on one face with 15/32-inch-minimum-thickness (11.9 mm) wood structural panel sheathing nailed with 8d common nails spaced 3 inches on panel edges, 3 inches at intermediate supports and in accordance with Figure 2308.9.3.2. The wood structural panel sheathing shall extend up over the solid sawn or glued-laminated header and shall be nailed in accordance with Figure 2308.9.3.2. A built-up header consisting of at least two 2 x 12s and fastened in accordance with Item 24 of Table 2304.9.1 shall be permitted to be used. A spacer, if used, shall be placed on the side of the built-up beam opposite the wood structural panel sheathing. The header shall extend between the inside faces of the first full-length outer studs of each panel. The clear span of the header between the inner studs of each panel shall be not less than 6 feet (1829 mm) and not more than 18 feet (5486 mm) in length. A strap with an uplift capacity of not less than 1,000 pounds (4,400 N) shall fasten the header to the inner studs opposite the sheathing.
One anchor bolt not less than 5/8 inch (15.9 mm) diameter and installed in accordance with Section 2308.6 shall be provided in the center of each sill plate. The studs at each end of the panel shall have a tie-down device fastened to the foundation with an uplift capacity of not less than 4,200 pounds (18,460 N).

Where a panel is located on one side of the opening, the header shall extend between the inside face of the first full-length stud of the panel and the bearing studs at the other end of the opening. A strap with an uplift capacity of not less than 1,000 pounds (4400 N) shall fasten the header to the bearing studs. The bearing studs shall also have a tie-down device fastened to the foundation with an uplift capacity of not less than 1,000 pounds (4400 N).

The tie-down devices shall be an embedded strap type, installed in accordance with the manufacturer’s recommendations. The panels shall be supported directly on a foundation that is continuous across the entire length of the braced wall line. This foundation shall be reinforced with not less than one No. 4 bar top and bottom.

Where the continuous foundation is required to have a depth greater than 12 inches (305 mm), a minimum 12-inch by 12-inch (305 mm by 305 mm) continuous footing or turned down slab edge is permitted at door openings in the braced wall line. This continuous footing or turned down slab edge shall be reinforced with not less than one No. 4 bar top and bottom. This reinforcement shall be lapped not less than 15 inches (381 mm) with the reinforcement required in the continuous foundation located directly under the braced wall line.

2. In the first story of two-story buildings, each wall panel shall be braced in accordance with Item 1 above, except that each panel shall have a length of not less than 24 inches (610 mm).
Table 2308.12.4 of Division II of Chapter 1 of the CBC is amended to read as follows:

**TABLE 2308.12.4**  
WALL BRACING IN SEISMIC DESIGN CATEGORIES D AND E  
(Minimum Percentage of Wall Bracing per each Braced Wall Line *)

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>SHEATHING TYPE</th>
<th>$S_{ds} &lt; 0.50$</th>
<th>$0.50 \leq S_{ds} &lt; 0.75$</th>
<th>$0.75 \leq S_{ds} \leq 1.00$</th>
<th>$S_{ds} &gt; 1.00$</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Story</td>
<td>G-P$^c$</td>
<td>43</td>
<td>59</td>
<td>75</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>S-W$^d$</td>
<td>21</td>
<td>32</td>
<td>37</td>
<td>48</td>
</tr>
</tbody>
</table>

For S1: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

a. Minimum length of panel bracing of one face of the wall for S-W sheathing shall be at least 4'-0" long or both faces of the wall for G-P sheathing shall be at least 6'-0" long; h/w ratio shall not exceed 2:1. For S-W panel bracing of the same material on two faces of the wall, the minimum length is permitted to be one-half the tabulated value but the h/w ratio shall not exceed 2:1 and design for uplift is required. The 2:1 h/w ratio limitation does not apply to alternate braced wall panels constructed in accordance with Section 2308.9.3.1 or 2308.9.3.2. Wall framing to which sheathing used for bracing is applied shall be nominal 2 inch wide [actual 11/2 inch (38 mm)] or larger members and spaced a maximum of 16 inches on center. Braced wall panel construction types shall not be mixed within a braced wall line.

b. G-P = gypsum board, portland cement plaster or gypsum sheathing boards; S-W = wood structural panels

c. Nailing as specified below shall occur at all panel edges at studs, at top and bottom plates and, where occurring, at blocking:
   - For 1/2-inch gypsum board, 5d (0.113 inch diameter) cooler nails at 7 inches on center;
   - For 5/8-inch gypsum board, No 11 gage (0.120 inch diameter) cooler nails at 7 inches on center;
   - For gypsum sheathing board, 1-3/4 inches long by 7/16-inch head, diamond point galvanized nails at 4 inches on center;
   - For gypsum lath, No. 13 gage (0.092 inch) by 1-1/8 inches long, 19/64-inch head, plasterboard at 5 inches on center;
   - For Portland cement plaster, No. 11 gage (0.120 inch) by 1/2 inches long, 3/16-inch head at 6 inches on center;

d. S-W sheathing shall be a minimum of 15/32" thick nailed with 5d common placed 3/8 inches from panel edges and spaced not more than 6 inches on center and 12 inches on center along intermediate framing members.
Section 2308.12.5 of Division II of Chapter 1 of the CBC is amended to read as follows:

2308.12.5 Attachment of sheathing.
Fastening of braced wall panel sheathing shall not be less than that prescribed in Table 2308.12.4 or 2304.9.1. Wall sheathing shall not be attached to framing members by adhesives. Staple fasteners in Table 2304.9.1 shall not be used to resist or transfer seismic forces in structures assigned to Seismic Design Category D, E or F.

Exception: Staples may be used to resist or transfer seismic forces when the allowable shear values are substantiated by cyclic testing and approved by the building official.

All braced wall panels shall extend to the roof sheathing and shall be attached to parallel roof rafters or blocking above with framing clips (18 gauge minimum) spaced at maximum 24 inches (6096 mm) on center with four 8d nails per leg (total eight 8d nails per clip). Braced wall panels shall be laterally braced at each top corner and at maximum 24 inches (6096 mm) intervals along the top plate of discontinuous vertical framing.

Amend Appendix J section J 101 of Division II of Chapter 1 of the CBC by adding a new section J 101.3 Protection of Adjacent Properties that reads as follows:

J 101.3 Protection of Adjacent Properties
The owner and permittee of any property on which grading has been performed and that requires a grading permit is responsible for the prevention of damage to adjacent property and no person shall excavate on land sufficiently close to the property line to endanger any adjoining public street, sidewalk, alley, or other public or private property without supporting and protecting such property from settling, cracking or other damage that might result. Special precautions approved by the building official shall be made to prevent imported or exported materials from being deposited on the adjacent public way and/or drainage courses. A 30 day excavation notice shall be provided as required by California Civil Code Section 829-834 when the excavation is of sufficient depth and proximity to adjacent lot structures.

Amend Appendix J section J 101 of Division II of Chapter 1 of the CBC by adding a new section J101.4 Safety Precautions that reads as follows:

J101.4 Safety Precautions
1. General
   a) If at any stage of work on an excavation or fill, the building official determines that the work has become or is likely to become dangerous to any person, or is likely to endanger any property, public or private, the building official shall be authorized to require safety precautions to be immediately taken by the property owner as a condition to continuing such permitted work or to require cessation thereof forthwith unless and until it is made safe and to amend the plans for such work.
   b) Safety precautions may include, but shall not be limited to, specifying a flatter exposed slope or construction of additional drainage facilities, berms, terracing, compaction, cribbing, retaining walls or buttress fills, slough walls, desilting basins, check dams, benching, wire mesh and guniting, rock fences, revetments or diversion walls.
   c) Upon the determination of the building official that such safety precautions during grading are necessary, the building official shall provide a notice and order to the permittee to implement same. After receiving such notice, oral or written, it is unlawful for the permittee or any person to proceed with such work contrary to such order.
2. Removal of Ground Cover
   a) The existing vegetative ground cover of any watershed in any hillside area shall not be destroyed, removed or damaged except for routine maintenance pursuant to lawful grading, use or occupancy of the property or to clear hazardous vegetation near structures and roads in areas designated as High Fire Hazard areas.

   b) Whenever ground cover is removed or damaged pursuant to a validly issued grading permit, the permittee shall restore and maintain the affected area with an approved ground cover, or shall accomplish such other erosion control protection measures as may be approved by the building official. Such erosion control shall be completed within thirty days after cessation of the grading work or other work pursuant to a validly issued building permit.

3. Maintenance of Protective Devices
All devices used to protect hillside areas from erosion or landslide damage including, but not limited to, retaining walls, cribbing, terracing, surface and subsurface drainage structures, interceptor drains, check dams, and riprap shall be maintained in good condition and repair as approved by the building official at the time of completion of construction thereof.

Amend Appendix J section J 101 of Division II of Chapter 1 of the CBC by adding a new section J101.5 Protection of Utilities that reads as follows:

J101.5 Protection of Utilities
The owner and permittee of any property on which grading has been performed and that requires a grading permit shall be responsible for the prevention of damage to any public utilities or services.

Amend Appendix J section J 103.2 Exemptions item 1 and add 1-A to read as follows:

J 103.2 Exemptions item 1 and 1-A
1. An excavation which (a) is less than 2 feet (610 mm) in depth, or (b) which does not create a cut slope greater than 5 feet (1524 mm) in height and steeper than one unit vertical in two units horizontal (50 percent slope). This exception shall not apply to cut which exceeds 50 cubic yards (38.3 m3) or which changes the existing drainage pattern.
A. Fill that is less than one foot (305 mm) in depth and placed on natural terrain with a slope flatter than one unit vertical in 10 units horizontal (10 percent slope). This exception shall not apply when the fill exceeds 50 cubic yards (38.3 m3) or when the fill changes the existing drainage pattern.
Appendix V – Voluntary Retrofit Standards are added to the CBC as follows:

APPENDIX V – SECTION V101 - VOLUNTARY EARTHQUAKE HAZARD REDUCTION IN EXISTING TILT-UP CONCRETE WALL BUILDINGS

SECTION V101. PURPOSE.
The purpose of this Chapter is to promote public safety and welfare by reducing the risk of death or injury that may result from the effects of earthquakes on tilt-up concrete wall buildings designed under the building codes in effect prior to January 1, 1976. The provisions of this Chapter are minimum voluntary standards for structural seismic resistance established primarily to reduce the risk of life loss or injury on both subject and adjacent properties and will not necessarily prevent loss of life or injury or prevent earthquake damage to an existing building which complies with these standards. This Chapter provides systematic procedures and standards for identification and classification of tilt-up concrete wall building based on the current use of the building.

SECTION V102. SCOPE.
The provisions of this Chapter shall apply to all buildings designed under building codes in effect prior to January 1, 1976, which, on the effective date of this Chapter have tilt-up concrete walls as defined herein.

SECTION V103. DEFINITIONS.
For purposes of this Chapter, the applicable definitions in Chapter 16, Chapter 19, Chapter 23 and Chapter 11 of ASCE 7, and the following shall apply:

COMMENCED CONSTRUCTION. Construction pursuant to a valid building permit has progressed to the point that one of the called inspections as required by the Department has been made and the work for which the inspection has been called has been judged by the Department to be substantial and has been approved by the Department.

DEPARTMENT. The Division of Building and Safety.

ESSENTIAL BUILDING. For purposes of this Chapter, any building housing a hospital or other medical facility having surgery or emergency treatment areas, fire or police stations, municipal government disaster operations, and communication centers.

TILT-UP CONCRETE WALL. A form of precast concrete panel construction either cast in the horizontal position at the site and after curing, lifted and moved into place in a vertical position, or cast off-site in a fabricator's shop.

SECTION V104. RATING CLASSIFICATIONS.
The rating classification as exhibited in Table No. V1-A is hereby established and each building within the scope of this Chapter shall be placed in one rating classification by the Department. The total occupant load as determined by Section 1004.1 for the entire building plus the occupant load of any adjacent building, which interconnects with the subject building or uses the subject building for exiting purposes, shall be used to determine the rating classification.
SECTION V105. ANALYSIS AND DESIGN.
For the purpose of this section, "anchorage system(s)" shall mean all structural elements, which supports the wall in the lateral direction, including wall anchorage and continuity tie (cross-tie) connectors in subdiaphragms and main diaphragms for retrofit and repairs.

V105.1. Wall Panel Anchorage. Concrete walls shall be anchored to all floors and roofs which provide lateral support for the wall. The anchorage shall provide a positive direct connection between the wall and floor or roof construction capable of resisting a horizontal force equal to 30 percent of the tributary wall weight for all buildings, and 45 percent of the tributary wall weight for essential buildings, or a minimum force of 250 pounds per linear foot of wall, whichever is greater. The required anchorage shall be based on the tributary wall panel assuming simple supports at floors and roof.

V105.2. Special Requirements for Wall Anchors and Continuity Ties. The steel elements of the wall anchorage systems and continuity ties shall be designed by the allowable stress design method using a load factor of 1.7. The 1/3 stress increase permitted by Chapter 12 of ASCE 7 shall not be permitted for materials using allowable stress design methods. The strength design specified in Chapter 19, using a load factor of 2.0 in lieu of 1.4 for earthquake loading, shall be used for design of embedments in concrete. Wall anchors shall be provided to resist out-of-plane forces, independent of existing shear anchors.

EXCEPTION: Existing cast-in-place shear anchors may be used as wall anchors if the tie element can be readily attached to the anchors and if the engineer or architect can establish tension values for the existing anchors through the use of approved as-built plans or testing, and through analysis showing that the bolts are capable of resisting the total shear load while being acted upon by the maximum tension force due to earthquake.

Expansion anchors are not allowed. Attaching the edge of plywood sheathing to steel ledgers is not considered as complying with the positive anchoring requirements of the Code; and attaching the edge of steel decks to steel ledgers is not considered as providing the positive anchorage of this Code unless testing and/or analysis are performed, which establish shear values for the attachment perpendicular to the edge of the deck.

V105.3. Development of Anchor Loads into the Diaphragm. Development of anchor loads into roof and floor diaphragms shall comply with Chapter 12 of ASCE 7.

EXCEPTION: If continuously tied girders are present, then the maximum spacing of the continuity ties is the greater of the girder spacing or 24 feet (7315 mm). In wood diaphragms, anchorage shall not be accomplished by use of toe nails or nails subject to withdrawal, nor shall wood ledgers, top plates or framing be used in cross-grain bending or cross-grain tension. The continuous ties required by Chapter 12 of ASCE 7 shall be in addition to the diaphragm sheathing. Lengths of development of anchor loads in wood diaphragms shall be based on existing field nailing of the sheathing unless existing edge nailing is positively identified on the original construction plans or at the site.
At reentrant corners, continuity collectors may be required for existing return walls not designed as shear walls, to develop into the diaphragm a force equal to the lesser of the rocking or shear capacity of the return wall, or the tributary shear, but not exceeding the capacity of the diaphragm. Shear anchors for the return wall shall be commensurate with the collector force. If a truss or beam, other than rafters or purlins, is supported by the return wall or by a column integral with the return wall, an independent secondary column, is required to support the roof or floor members whenever rocking or shear capacity of the return wall is governing. Seismic deflection shall be determined at the return walls, and fins/canopies at entrances, to ensure deflection compatibility with the diaphragm, by either seismically isolating the element or attaching the element and integrating its load into the diaphragm.

**V105.4. Anchorage at Pilasters.** Anchorage of pilasters shall be designed for the tributary wall anchoring load per Section V105.1 of this Code, considering the wall as a two-way slab. The edge of the two-way slab shall be considered "fixed" when there is continuity at pilasters, and considered "pinned" at roof or floor levels. The pilasters or the walls immediately adjacent to the pilasters shall be anchored directly to the roof framing such that the existing vertical anchor bolts at the top of the pilasters are bypassed without causing tension or shear failure at the top of the pilasters.

**EXCEPTION:** If existing vertical anchor bolts at the top of the pilasters are used for the anchorage, then additional exterior confinement shall be provided. The minimum anchorage at a floor or roof between the pilasters shall be that specified in Section V105.1 of this Code.

**V105.5. Symmetry.** Symmetry of connectors in the anchorage system is required. Eccentricity may be allowed when it can be shown that all components of forces are positively resisted and justified by calculations or tests.

**V105.6. Minimum Roof Member Size.** Wood members used to develop anchorage forces to the diaphragm must be at least 3x for new construction and replacement. All such members must be checked for gravity and earthquake as part of the wall anchorage system. For existing buildings, the member check shall be without the 1/3 stress increase per Section V108.2.

**V105.7. Combination of Anchor Types.** To repair and retrofit existing buildings, a combination of different anchor types of different behavior or stiffness shall not be permitted. The capacity of the new and existing connectors cannot be added.

**V105.8. Prohibited Anchors.** Usage of connectors that were bent and/or stretched from the intended use shall be prohibited.

**V105.9. Crack and Damage Repairs, Evaluation of Existing Structural Alterations.** The engineer shall report any observed structural conditions and structural damage that have imminent life safety effects on the buildings and recommend repairs. Evaluations and repairs shall be reviewed and approved by the Department. The engineer shall also evaluate the effects of alterations such as openings cut in existing wall panels without a permit, that may present immediate life safety hazard and correct when necessary.
V105.10. Miscellaneous. Existing mezzanines relying on the tilt-up walls for vertical and/or lateral support shall be anchored to the walls for the tributary mezzanine load. Walls depending on the mezzanine for lateral support shall be anchored per Sections V105.1, V105.2 and V105.3.

**EXCEPTION:** Existing mezzanines that have independent lateral and vertical support need not be anchored to the walls. Existing interior masonry or concrete walls not designed as shear walls, that extend to the floor above or to the roof diaphragm shall also be anchored for out-of-plane forces per Sections V105.1, V105.2 and V105.3 of this Code. In the in-plane direction, the walls may be isolated or shall be developed into the diaphragm for a lateral force equal to the lesser of the rocking or shear capacity of the wall, or the tributary shear but not exceeding the diaphragm capacity.

**SECTION V110. INFORMATION REQUIRED ON PLANS.**

V110.1. General. In addition to the seismic analysis required elsewhere in this Chapter, the licensed engineer or architect responsible for the seismic analysis of the building shall record the information required by this section on the approved plans.

V110.2. Information Required. The plans shall accurately reflect the results of the engineering investigation and design and show all pertinent dimensions and sizes for plan review and construction. The following shall be provided:

1. Floor plans and roof plans shall show existing framing construction, diaphragm construction, proposed wall anchors, cross-ties and collectors. Existing nailing, anchors, ties and collectors shall also be shown on the plans if these are part of the design, and these structural elements need to be verified in the field.
2. At elevations where there are alterations or damage, details shall show roof and floor heights, dimensions of openings, location and extent of existing damage, and proposed repair.
3. Typical wall panel sections with panel thickness, height, location of anchors shall be provided.
4. Details shall include existing and new anchors and the method of development of anchor forces into the diaphragm framing; existing and/or new cross-ties; existing and/or new or improved support of roof and floor girders at pilasters or walls.

V110.3. Engineer’s or Architect’s Statement.

The responsible engineer or architect shall state on the approved plans, the following:

1. I am responsible for this building’s seismic strengthening design in compliance with the minimum seismic resistance standards of Appendix V Section V105 of the California Building Code, and when applicable:
2. The Registered Deputy Inspector, required as a condition of the use of structural design stresses requiring continuous inspection, will be responsible to me as required by Chapter 17 of the El Segundo Building Code.
SECTION V111. REQUIRED BUILDING MAINTENANCE.

Every building within the scope of this Chapter which has been analyzed to demonstrate compliance or structurally altered to comply with the minimum earthquake standards in this Chapter shall be maintained in conformity with the requirements of this Chapter in effect at the time of such analysis or structural alteration.

TABLE NO. V1-A
RATING CLASSIFICATIONS
Classification Occupant Load
Essential N/A
Group I 300 or more
Group II 100 to 299
Group III 50 to 99
Group IV Less than 50

Appendix V-Cripple Wall is hereby added to the CBC to read as follows:

CHAPTER V – SECTION V201 - VOLUNTARY EARTHQUAKE HAZARD REDUCTION IN EXISTING WOOD FRAME RESIDENTIAL BUILDINGS WITH WEAK CRIPPLE WALLS AND UNBOLTED SILL PLATES

SECTION V201. GENERAL.
V201.1. Purpose.

The provisions of this Chapter are intended to promote public safety and welfare by reducing the risk of earthquake-induced damage to existing wood-framed residential buildings. The voluntary minimum standards contained in this Chapter shall substantially improve the seismic performance of these residential buildings but will not necessarily prevent all earthquake damage. When fully followed, these standards will strengthen the portion of the structure that is most vulnerable to earthquake damage.

Prior to 1960, most wood frame residential buildings were built with raised wood floors supported by short wood stud walls known as cripple walls. These cripple walls are typically braced with weak seismic materials such as portland cement plaster or horizontal wood siding. In addition, wood frame buildings built under building codes in effect prior to July 1938 were not required to be bolted to their foundations. Recent earthquakes have shown that if a building has weak cripple walls or is unbolted, it may fall off its foundation even in moderate earthquakes. Fallen buildings have collapsed, caught fire or needed extensive repairs to restore their occupancy.

This Chapter sets prescriptive standards for strengthening of underfloor enclosures that shall be permitted by the Building Official without requiring plans or calculations prepared by an architect or an engineer. This Chapter also provides a design standard
for the use of alternate materials or an alternate method of construction in lieu of the prescriptive standards. Construction documents for strengthening using alternate materials or methods shall be prepared by an architect or engineer.

V201.2. Scope. The provisions of this Chapter may be applied to light wood frame Group R Occupancies with no more than four dwelling units when they contain one or more of the structural weaknesses specified in Section V203.1. The provisions of this Chapter do not apply to the buildings or elements of the buildings, listed below. These buildings or elements require analysis by an engineer or architect in accordance with Chapter 16 or other approved standards to determine appropriate strengthening.

1. Buildings with a lateral force resisting system using poles or columns embedded in the ground.
2. Cripple walls that exceed four feet (1234 mm) in height.
3. Buildings exceeding three stories in height and any three-story building with cripple wall studs exceeding 14 inches (360 mm) in height.
4. Buildings, or portions of buildings, constructed on a concrete slab on grade or constructed on or into a slope steeper than three horizontal to one vertical.
5. Buildings where the Building Official determines that conditions exist that are beyond the scope of the requirements of this Chapter. The standard details approved by the Building Official and these prescriptive provisions are not intended to be the only acceptable strengthening methods permitted. Alternate details and methods shall be permitted when approved by the Building Official.

V201.3. Alternative Design Procedures. When analysis by an engineer or architect is required or provided for a building within the scope of this Chapter, that analysis shall be in accordance with all requirements of this Code except as provided in this Chapter. The design shall provide strengthening for any structural weakness listed in Section V203 that is at least equivalent to that provided by the prescriptive requirements of this Chapter with respect to strength, deflection, and capacity. The Building Official may require that sufficient evidence be submitted to substantiate that equivalence. The base shear may be determined in accordance with the following:

\[ V = 0.1375 \times W \text{ (V-2)} \]

Where:

- \( V \) = The total design lateral force or shear at the base.
- \( W \) = The total seismic dead load defined in Chapter 12 of ASCE 7

SECTION V202. DEFINITIONS.

For the purpose of this Chapter, in addition to the applicable definitions, symbols and notations in this Code, certain additional terms are defined as follows:

**ADHESIVE ANCHOR** is a fastener placed in hardened concrete or masonry that derives its holding strength from a chemical adhesive compound placed between the wall of the hole and the embedded portion of the anchor.

**ANCHOR SIDE PLATE** is a metal plate or plates used to connect a sill plate to the side of a concrete or masonry stem wall.

**CRIPPLE WALL** is a wood-framed stud wall extending from the top of the foundation to the underside of the lowest floor framing.
EXPANSION ANCHOR is a mechanical fastener placed in hardened concrete or assembled masonry, designed to expand in a self-drilled or pre-drilled hole of a specified size and engage the sides of the hole in one or more locations to develop shear and/or tension resistance to applied loads without grout, adhesive or drypack.

PERIMETER FOUNDATION is a foundation system which is located under the exterior walls of a building.

SNUG-TIGHT is as tight as an individual can torque a nut on a bolt by hand using a wrench with a 10-inch (254 mm) long handle and the point at which the full surface of the plate washer is contacting the wood member and slightly indents the wood surface.

UNREINFORCED MASONRY includes adobe, burned clay, concrete or sand-lime brick, hollow clay or concrete block, hollow clay tile, rubble, cut stone and unburned clay masonry walls in which the area of reinforcement is less than 50 percent of the minimum steel ratios required for reinforced masonry.

SECTION V203. STRUCTURAL WEAKNESSES.

V203.1. General. For the purpose of this Chapter, structural weaknesses shall be as specified below.

1. Sill plates or floor framing which are supported directly on the ground without an approved foundation system.

2. A perimeter foundation system which is constructed of wood posts supported on isolated pad footings.

3. Perimeter foundation systems that are not continuous.

   EXCEPTIONS:

   A. Existing single-story exterior walls not exceeding 10 feet (3084 mm) in length forming an extension of floor area beyond the line of an existing continuous perimeter foundation.

   B. Porches, storage rooms and similar spaces not containing fuel-burning appliances.

4. A perimeter foundation system which is constructed of unreinforced masonry.

5. Sill plates which are not connected to the foundation or are connected with less than what is required by Section V204.3.1.

6. Cripple walls that are not braced in accordance with the requirements of Section V204.4 and Table V2-A.
SECTION V204. STRENGTHENING REQUIREMENTS.

V204.1. General,

V204.1.1. Scope. The structural weaknesses noted in Section V203 shall be strengthened in accordance with the requirements of this section. Strengthening work shall be allowed to include both new construction and alteration of existing construction. Except as provided here, all strengthening work and materials shall comply with the applicable provisions of this Code. All prescribe nailing in this Chapter shall be common nails. Alternate methods of strengthening shall be allowed provided the systems are designed by an engineer or architect and approved by the Building Official.

V204.1.2. Condition of Existing Wood Materials. All existing wood materials which will be a part of the strengthening work shall be in a sound condition and free from defects which substantially reduce the capacity of the member. Any wood material found to contain fungus infection shall be removed and replaced with new material. Any wood material found to be infested with insects or to have been infested shall be strengthened or replaced with new materials to provide a net dimension of sound wood at least equal to its undamaged original dimension.

V204.1.3. Floor Joists Not Parallel to Foundations. Floor joists framed perpendicular or at an angle to perimeter foundations shall be restrained by either a nominal two-inch (51 mm) wide continuous rim joist or a nominal two-inch (51 mm) wide full depth blocking between alternate joists in one- and two-story buildings, and between each joist in three-story buildings. Blocking for multistory buildings must occur at each joist space above a braced cripple wall panel. Existing connections at the top edge of an existing rim joist or blocking need not be verified. The bottom edge connection to either the foundation sill plate or top plate of a cripple wall shall be verified unless a supplemental connection is provided. The minimum existing bottom edge connection shall consist of 8d toe nails spaced six inches (152 mm) apart for a continuous rim joist or three 8d toe nails per block. When this minimum bottom edge connection is not present, or is not verified, a supplemental connection shall be provided.

When an existing continuous rim joist or the minimum existing blocking does not occur, new 1-1/8 inch (29 mm) wood structural panel blocking installed tightly between floor joists and nailed with 10d common nails at four inches on center to the sill or wall top plate shall be provided at the inside face of the cripple wall. In lieu of 1-1/8 inch (29 mm) wood structural panel blocking, tight fitting, full or near full depth two inches nominal width (51 mm) lumber blocking shall be allowed provided it does not split during installation. New blocking is not required where it will interfere with vents or plumbing which penetrates the wall.

V204.1.4. Floor Joists Parallel to Foundations. Where existing floor joists are parallel to the perimeter foundations, the end joist shall be located over the foundation and, except for required ventilation openings, shall be continuous and in continuous contact with any existing foundation sill plate or top plate of the cripple wall. Existing connections at the top edge connection of the end joist need not be verified; however, the bottom edge connection to either the foundation sill plate or the top plate of a cripple wall shall be verified unless a supplemental connection is provided. The minimum bottom edge connection shall be 8d toe nails spaced six inches (152 mm) apart. If this minimum
bottom edge connection is not present or is not verified, a supplemental connection shall be provided.

V204.1.5. Supplemental Connections. Supplemental connections shall provide sufficient strength to transfer the seismic forces. Framing anchors of minimum 18 gauge steel and 12 approved fasteners may be considered to meet this requirement when spaced 32 inches (813 mm) on center for one story buildings, 24 inches (610 mm) on center for two story buildings and 16 inches (406 mm) on center for three story buildings.

EXCEPTION: A supplemental connection is not required when:

1. The structural wood panel sheathing extends from the sill plate to the rim joist or blocking above.

2. The floor sheathing is nailed directly into the sill or top plate of the cripple wall.

V204.1.6. Single Top Plate Ties. When a single top plate exists in the cripple wall, all end joints in the top plate shall be tied. Ties shall be connected to each end of the discontinuous top plate and shall be equal to one of the following:

1. 3-inch by 6-inch (76 mm by 152 mm) by 0.036-inch-thick (0.9 mm) galvanized steel and nailed with six 8d nails at each end.

2. 1-1/2 inches (38 mm) by 12-inch (305 mm) by 0.058 inches (1.47 mm) galvanized steel nailed with six 16d nails at each end.

3. 2-inch by 4-inch by 12-inch wood blocking nailed with six 16d nails at each end.

V204.2. Foundations.

V204.2.1. New Perimeter Foundations. New perimeter foundations shall be provided for structures with the structural weaknesses noted in Items 1 and 2 of Section V203.1. Soil investigations or geotechnical studies are not required for this work unless the building shows signs of excessive settlement or creep.

V204.2.2. Foundation Evaluation by Engineer or Architect. Partial perimeter foundations or unreinforced masonry foundations shall be evaluated by an engineer or architect for the force levels noted in Formula (V2-1). Test reports or other substantiating data to determine existing foundation material strengths shall be submitted for review. When approved by the Building Official, these foundation systems may be strengthened in accordance with the recommendations included with the evaluation in lieu of being replaced.

EXCEPTION: In lieu of testing existing foundations to determine material strengths and when approved by the Building Official, a new nonperimeter foundation system, designed for the forces noted in Formula (V2-1), may be used to resist all exterior wall lateral forces.
V204.2.3. Details for New Perimeter Foundations. All new perimeter foundations shall be continuous and constructed according to the standards for new buildings.

EXCEPTIONS:

1. When approved by the Building Official, the existing clearance between existing floor joists or girders and existing grade below the floor need not comply with Chapter 23. This exception shall not be permitted when buildings are relocated on new foundations.

2. When approved by the Building Official, and when designed by an engineer or architect, partial perimeter foundations may be used in lieu of a continuous perimeter foundation.

V204.3. Foundation Sill Plate Anchorage.

V204.3.1. Existing Perimeter Foundations. When the building has an existing continuous perimeter foundation, all perimeter wall sill plates shall be connected to the foundation in accordance with Table V2-A and this section. Anchors shall be installed with the plate washer installed between the nut and the sill plate. The nut shall be tightened to a snugfit condition after curing is complete for adhesive anchors and after expansion wedge engagement for expansion anchors. The installation of nuts on all anchors shall be subject to verification by the Building Official. Torque testing shall be performed for 25 percent of all adhesive or expansion anchors. Minimum test values shall be 30 foot pounds (41 N-m) for 1/2-inch (12.7 mm) and 40 foot pounds (55 N-m) for 5/8-inch (15.9 mm) diameter anchors.

Anchor side plates shall be permitted when conditions prevent anchor installation vertically through the sill plate. Anchor side plates shall be spaced as required for adhesive or expansion anchors but only one anchor side plate is required on individual pieces of sill plate less than 32 inches (813 mm) in length. Wood structural panel shims shall be used on sill plates for single plate anchor side plates when the foundation stem wall is from 3/16 inch (4.8 mm) to 3/4 inch (19 mm) wider than the sill plate. The shim length shall extend a minimum of two inches (50.8 mm) past each end of the anchor side plate. Two plate anchor side plates shall be used when the total thickness of the required shim exceeds 3/4 inch (19 mm). All anchor side plates, which use lag or wood screws shall pre-drill the sill plate to prevent splitting as required by Section 2304.9. Lag or wood screws shall be installed in the center of the thickness of the existing sill plate. Expansion anchors shall not be used in unreinforced masonry or concrete or masonry grout of poor quality. Adhesive anchors shall be required when expansion anchors will not tighten to the required torque or their installation causes surface cracking of the foundation wall.

V204.3.2. Placement of Anchors. Anchors shall be placed within 12 inches (305 mm), but not less than nine inches (229 mm), from the ends of sill plates and shall be placed near the center of the stud space closest to the required spacing. New sill plates may be installed in pieces when necessary because of existing conditions. The minimum length of new sill plate pieces shall be 30 inches (762 mm).

EXCEPTION: Where physical obstructions such as fireplaces, plumbing or heating ducts interfere with the placement of an anchor, the anchor shall be placed as close to the obstruction as possible, but not less than nine inches (229 mm) from the end of the
plate. Center-to-center spacing of the anchors shall be reduced as necessary to provide the minimum total number of anchors required based on the full length of the wall. Center-to-center spacing shall not be less than 12 inches (305 mm).

V204.3.3. New Perimeter Foundations. Sill plates for new perimeter foundations shall be anchored as required by Chapter 18.

V204.4. Cripple Wall Bracing.

V204.4.1. General.
Exterior cripple walls, not exceeding four feet (1219 mm) in height shall use the prescriptive bracing method listed below. Cripple walls more than four feet (1219 mm) in height require analysis by an engineer or architect in accordance with Chapter 16.

V204.4.1.1. Sheathing Requirements.
Wood structural panel sheathing shall not be less than 15/32-inch (12 mm) thick. When used, plywood panels shall be constructed of five or more plies. All wood structural panels shall be nailed with 8d common nails spaced four inches (102 mm) on center at all edges and at 12 inches (305 mm) on center at each intermediate support with not less than two nails for each stud. Nails shall be driven so that their head or crown is flush with the surface of the sheathing and shall penetrate the supporting member a minimum of 1-1/2 inch (38 mm). When a nail fractures the surface, it shall be left in place and not counted as part of the required nailing. A new 8d nail shall be located within two inches (51 mm) of the discounted nail and hand driven flush with the sheathing surface.

EXCEPTION: No. 6 × 1-1/2 inch (38 mm) wood screws may be used for sheathing nailing when bracing materials are installed on the interior face of studs and cement plaster or other brittle finishes are on the exterior of the sheathed wall. All horizontal joints must occur over nominal two-inch by four-inch (51 mm by 102 mm) blocking installed with the nominal four-inch (102 mm) dimension against the face of the plywood. All vertical joints must occur over studs. Vertical joints at adjoining pieces of wood structural panels shall be centered on existing studs such that there is a minimum 1/8 inch (3.2 mm) between the panels. Nails shall be placed a minimum of 1/2 inch (12.7 mm) from the edges of the existing stud. When such edge distance cannot be maintained because of the width of the existing stud, a new stud shall be added adjacent to the existing and connected with 16d common nails at eight inches (203 mm) on center. A minimum of three such nails shall be provided.

V204.4.2. Distribution and Amount of Bracing.

See Table V2-A for the distribution and amount of bracing required. Bracing for a building with three or more floor levels above cripple wall studs exceeding 14 inches (356 mm) in height must be designed in accordance with Chapter 16.
The braced panel must be at least two times the height of the cripple stud wall but not less than 48 inches (1219 mm) in width. All panels along a wall shall be nearly equal in length and shall be nearly equally spaced along the length of the wall. Braced panels at ends of walls shall be located as near the end as possible.

Where physical obstructions such as fireplaces, plumbing or heating ducts interfere with the placement of cripple wall bracing, the bracing shall then be placed as close to the obstruction as possible. The total amount of bracing required shall not be reduced
because of obstructions but the required length of bracing need not exceed the length of the wall.

Underfloor ventilation openings shall be maintained in accordance with Chapter 12. Braced panels may include underfloor ventilation openings when the height of the solid portion of the panel meets or 75 percent of the height of the cripple stud wall. When the minimum amount of bracing prescribed in Table V2-A cannot be installed due to obstructions along any wall, the bracing must be designed by an architect or engineer in accordance with Chapter 23.

V204.4.3. Stud Space Ventilation. When bracing materials are installed on the interior face of studs forming an enclosed space between the new bracing and existing exterior finish, each braced stud space must be ventilated. Adequate ventilation and access for future inspection shall be provided by drilling on two-inch to three-inch (51 mm to 76 mm) diameter round hole through the sheathing nearly centered between each stud at the top and bottom of the cripple wall. Such holes should be spaced a minimum of one-inch (25 mm) clear from the sill or top plates. In stud spaces containing sill bolts, the hole shall be located on the center line of the sill bolt but not closer than one-inch (25 mm) clear from the nailing edge of the sheathing.

When existing blocking occurs within the stud space, additional ventilation holes shall be placed above and below the blocking or the existing block shall be removed and a new nominal two-inch (51 mm) by four-inch (102 mm) block installed with the nominal four-inch (102 mm) dimension against the face of the plywood. For stud heights less than 18 inches (457 mm) only one ventilation hole need be provided.

V204.4.4. Existing Underfloor Ventilation. Existing underfloor ventilation shall not be reduced without providing equivalent new ventilation as close to the existing as possible. New sheathing may be installed around existing vent openings in braced panels when the length of the panel is increased a distance equal to the length of the vent opening or one stud space minimum.

EXCEPTION: For residential buildings with a post and pier foundation system where a new continuous perimeter foundation system is being installed, ventilation shall be provided in accordance with this Code.

SECTION V205. QUALITY CONTROL.

V205.1. Inspection by the Department. All work shall be subject to inspection by the Building Official including, but not limited to:
1. Placement and installation of new adhesive or expansion anchors or anchor side plates installed in existing foundations.
2. Placement of required blocking and framing anchors.
3. Installation and nailing of new cripple wall bracing.

The torque testing of sill plate anchors per Section V204.3.1 shall be performed by the building inspector.

V205.2. Special Inspection.
Special inspection is not required for sill plate anchors installed in existing foundations regulated by the provisions of this Chapter. Any work may be subject to special inspection when required by the Building Official or when so designated by the architect or engineer of record.

**V205.3. Structural Observation.**

Structural observation is not required for work done under the prescriptive provisions of this Chapter. When construction documents for strengthening are prepared by an architect or engineer and alternate materials or methods are used, structural observation shall be provided as required in Chapter 17.

**V205.4. Engineer's or Architect's Statement.**

When an alternative design is provided per Section V201.3, the responsible engineer or architect shall place the following statement on the approved plans:

1. "I am responsible for this building's seismic strengthening design for the underfloor cripple walls and sill bolting in compliance with the minimum seismic resistance standards of Appendix Chapter V201 of the Building Code." or when applicable:
2. "The Registered Deputy Inspector, required as a condition of the use of structural design stresses requiring continuous inspection, will be responsible to me as required by Chapter 17 of the El Segundo Building Code."

**TABLE V2-A**

**SILL PLATE ANCHORAGE AND CRIPPLE WALL BRACING 1,2,3**

**Number of Stories above Cripple Walls Minimum Sill Plate Connection and Maximum Spacing Amount of Wall Bracing**

One Story Adhesive or expansion anchors shall be 1/2-inch (12.7 mm) minimum diameter spaced at six feet (1829 mm) maximum center to center. Each end and not less than 50% of the wall length. Two Story Adhesive or expansion anchors shall be 1/2-inch (12.7 mm) minimum diameter spaced at four feet (1219 mm) maximum center to center; or 5/8 inch (15.9 mm) spaced at six feet maximum center to center. Each end and not less than 70% of the wall length. Three Story Adhesive or expansion anchors shall be 1/2- inch minimum (12.7 mm) diameter spaced at two feet eight inches (813 mm) maximum center to center; or 5/8-inch minimum (15.9 mm) diameter spaced at four feet (1219 mm) maximum center to center. 100% of the wall length. 1. Plate washers for use with adhesive or expansion anchors shall be two-inch (51 mm) by two- inch (51 mm) by 3/16-inch (4.8 mm) for 1/2-inch (12.7 mm) diameter anchors and 2-1/2-inch (64 mm) by 2-1/2-inch (64 mm) by 1/4-inch (6 mm) for 5/8 inch (15.9 mm) diameter anchors. 2. Existing sill plate anchor bolts shall be permitted to provide all or a portion of the sill plate connection requirement if:

a. the anchor bolt is cast in concrete and in sound condition, and:
b. the diameter size and maximum spacing meets or exceeds the requirements of Table V2-A, and:
c. a new plate washer conforming to footnote 1 is installed, and:
d. the sill plate is connected to a snug tight condition and torque tested per Section V204.3.1.3. Anchor side plates shall be permitted when conditions prevent anchor installation vertically through the sill plate.

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APPENDIX V301 - VOLUNTARY – EARTHQUAKE HAZARD REDUCTION IN EXISTING REINFORCED CONCRETE AND REINFORCED MASONRY WALL BUILDINGS WITH FLEXIBLE DIAPHRAGMS

SECTION V301. PURPOSE.
The purpose of this Chapter is to promote public safety and welfare by reducing the risk of death or injury that may result from the effects of earthquakes on reinforced concrete and masonry wall buildings with flexible diaphragms designed under the building codes in effect prior to January 1, 1995. These buildings are potentially hazardous and prone to significant damage, including possible collapse, in a moderate to major earthquake. These structures typically shelter large numbers of persons and property for retail, food markets, food distribution centers, warehousing, aerospace, industrial/manufacturing and general business and office use. Their continued use after an earthquake is also essential to the local economy and its post-earthquake recovery.

The provisions of this Chapter are minimum standards for structural seismic resistance established primarily to reduce the risk of loss of life or injury on both subject and adjacent properties and will not necessarily prevent all earthquake damage to an existing building which complies with these standards. This Chapter shall not require existing electrical, plumbing, mechanical or fire safety systems to be altered unless they constitute a hazard to life or property.

This Chapter provides voluntary retrofit standards for deficient wall anchorage systems on structures that are not subject to the mandatory provisions of Chapter When fully followed, these standards will strengthen the portion of the structure that is most vulnerable to earthquake damage.

SECTION V302. SCOPE.
The voluntary provisions of this Chapter shall apply to existing buildings of the following types:
1. Cast-in-place reinforced concrete or masonry wall buildings with flexible diaphragms designed under building codes in effect prior to January 1, 1995.
2. Tilt-up concrete wall buildings with flexible diaphragms designed under the building codes in effect prior to January 1, 1995, but after January 1, 1976. All tilt-up concrete wall buildings designed under the Building Code in effect prior to January 1, 1976 are subject to the mandatory provisions of this Chapter All existing reinforced masonry or concrete buildings with flexible diaphragms, including tilt-up concrete wall buildings, designed under the Building Code in effect on or after January 1, 1995, shall be designed in conformance with Chapter 16.

SECTION V303. DEFINITIONS.
For the purposes of this Chapter, the applicable definitions in Chapter 2, Chapter 16, Chapter 19 and Chapter 23 of this Code; Chapter 1, Chapter 3, Chapter 4, Chapter 5, Chapter 6 and Chapter 11 of ASCE 7, and the following shall apply:

ANCHORAGE SYSTEM is the system of all structural elements and connections, which support the concrete or masonry wall in the lateral direction, including diaphragms and subdiaphragms, wall anchorage and continuity or cross tie connectors in subdiaphragms and main diaphragms.
COMMENCED CONSTRUCTION is construction pursuant to a valid building permit that has progressed to the point that one of the called inspections as required by the Department has been made and the work for which the inspection has been called has been judged by the Department to be substantial and has been approved by the Department.

EXISTING BUILDING is an erected building for which a legal building permit and a certificate of occupancy have been issued.

FLEXIBLE DIAPHRAGM is any diaphragm constructed of wood structural panel, diagonal or straight wood sheathing, metal decking without a structural concrete topping, or horizontal rod bracing.

HISTORICAL BUILDING is any building designated or currently in the process of being designated as a historical building by an appropriate federal, state or City jurisdiction.

REINFORCED CONCRETE WALL is a concrete wall that has 50 percent or more of the reinforcing steel required for reinforced concrete in Chapter 19.

REINFORCED MASONRY WALL is a masonry wall that has 50 percent or more of the reinforcing steel required by Chapter 21.

RETROFIT is strengthening or structurally improving the lateral force resisting system of an existing building by alteration of existing or addition of new structural elements.

TILT-UP CONCRETE WALL is a form of precast concrete panel construction either cast in the horizontal position at the site and after curing, lifted and moved into place in a vertical position, or cast off-site in a fabricator's shop.

SECTION V304. ANALYSIS AND DESIGN.

V304.1. Wall Panel Anchorage. Concrete and masonry walls shall be anchored to all floors and roofs which provide lateral support for the wall. The anchorage shall provide a positive direct connection between the wall and floor or roof construction capable of resisting a horizontal force equal to 30 percent of the tributary wall weight for all buildings, and 45 percent of the tributary wall weight for essential buildings, or a minimum force of 250 pounds per linear foot of wall, whichever is greater. The required anchorage shall be based on the tributary wall panel assuming simple supports at floors and roof.

EXCEPTION: An alternate design may be approved by the Building Official when justified by well established principles of mechanics.

V304.2. Special Requirements for Wall Anchors and Continuity Ties. The steel elements of the wall anchorage systems and continuity ties shall be designed by the allowable stress design method using a load factor of 1.7. The 1/3 stress increase permitted by Chapter 16 shall not be permitted for materials using allowable stress design methods. The strength design specified in Chapter 19 using a load factor of 2.0 in lieu of 1.4 for earthquake loading, shall be used for the design of embedment in
concrete. Wall anchors shall be provided to resist out-of-plane forces, independent of existing shear anchors.

EXCEPTION: Existing cast-in-place shear anchors may be used as wall anchors if the tie element can be readily attached to the anchors and if the engineer or architect can establish tension values for the existing anchors through the use of approved as-built plans or testing, and through analysis showing that the bolts are capable of resisting the total shear load while being acted upon by the maximum tension force due to seismic loading. Criteria for analysis and testing shall be determined by the Building Official. Expansion anchors are not allowed without special approval of the Building Official. Attaching the edge of plywood sheathing to steel ledgers is not considered as complying with the positive anchoring requirements of the Code; and attaching the edge of steel decks to steel ledgers is not considered as providing the positive anchorage of this Code unless testing and analysis are performed, which establish shear values for the attachment perpendicular to the edge of the deck.

V304.3. Development of Anchor Loads into the Diaphragm. Development of anchor loads into roof and floor diaphragms shall comply with Chapter 12 of ASCE 7.

EXCEPTION: If continuously tied girders are present, then the maximum spacing of the continuity ties is the greater of the girder spacing or 24 feet (7315 mm). In wood diaphragms, anchorage shall not be accomplished by use of toe nails or nails subject to withdrawal, nor shall wood ledgers, top plates or framing be used in cross-grain bending or cross-grain tension. The continuous ties required by Chapter 12 of ASCE 7 shall be in addition to the diaphragm sheathing. Lengths of development of anchor loads in wood diaphragms shall be based on existing field nailing of the sheathing unless existing edge nailing is positively identified on the original construction plans or at the site. At reentrant corners, continuity collectors may be required for existing return walls not designed as shear walls, to develop into the diaphragm a force equal to the lesser of the rocking or shear capacity of the return wall, or the tributary shear but not exceeding the capacity of the diaphragm. Shear anchors for the return wall shall be commensurate with the collector force. If a truss or beam other than rafters or purlins is supported by the return wall or by a column integral with the return wall, an independent secondary column is required to support the roof or floor members whenever rocking or shear capacity of the return wall is governing.

V304.4. Anchorage at Pilasters. Anchorage of pilasters shall be designed for the tributary wall anchoring load per Section V304.1 of this Code, considering the wall as a two-way slab. The edge of the two-way slab shall be considered "fixed" when there is continuity at pilasters, and considered "pinned" at roof or floor levels. The pilasters or the walls immediately adjacent to the pilasters shall be anchored directly to the roof framing such that the existing vertical anchor bolts at the top of the pilasters are bypassed without causing tension or shear failure at the top of the pilasters.

EXCEPTION: If existing vertical anchor bolts at the top of the pilasters are used for the anchorage, then additional exterior confinement shall be provided. The minimum anchorage at a floor or roof between the pilasters shall be that specified in Section V304.1 of this Code.

V304.5. Symmetry. Symmetry of connectors in the anchorage system is required. Eccentricity may be allowed when it can be shown that all components of forces are positively resisted and justified by calculations or tests.
V304.6. Minimum Roof Member Size. Wood members used to develop anchorage forces to the diaphragm shall be of minimum nominal width for new construction and replacement. All such members must be designed for gravity and earthquake forces as part of the wall anchorage system. For existing structural members, the allowable stresses shall be without the 1/3 stress increase per Section V304.2.

V304.7. Combination of Anchor Types. To repair and retrofit existing buildings, a combination of different anchor types of different behavior or stiffness shall not be permitted. The capacity of the new and existing connectors cannot be added.

V304.8. Prohibited Anchors. Usage of connectors that were bent or stretched from the intended use shall be prohibited.

V304.9. Crack and Damage Repairs, Evaluation of Existing Structural Alterations. The engineer or architect shall report any observed structural conditions and structural damage that have imminent life safety effects on the buildings and recommend repairs. This includes alterations such as openings cut in existing wall panels without a building permit. Evaluations and repairs shall be reviewed and approved by the Department.

V304.10. Miscellaneous. Existing mezzanines relying on the concrete or masonry walls for vertical or lateral support shall be anchored to the walls for the tributary mezzanine load. Walls depending on the mezzanine for lateral support shall be anchored per Sections V304.1, V304.2 and V304.3 of this Code.

EXCEPTION: Existing mezzanines that have independent lateral and vertical support need not be anchored to the concrete or masonry walls. Existing interior masonry or concrete walls not designed as shear walls, which extend to the floor above or to the roof diaphragm shall also be anchored for out-of-plane forces per Section V304.1, V304.2 and V304.3 of this Code. In the in-plane direction, the walls may be isolated or shall be developed into the diaphragm for a lateral force equal to the lesser of the rocking or shear capacity of the wall, or the tributary shear but not exceeding the diaphragm capacity.

V304.11. Historical Buildings. Qualified historical buildings shall be permitted to use alternate building standards or deviations from this Chapter in order to preserve their original or restored architectural elements and features.

SECTION V305. MATERIALS OF CONSTRUCTION.
All materials permitted by this Code.

SECTION V306. INFORMATION REQUIRED ON PLANS.

V306.1. General. In addition to the seismic analysis required elsewhere in this Chapter, the licensed engineer or architect responsible for the seismic analysis of the building shall record the information required by this section on the approved plans.

V306.2. Information Required. The plans shall accurately reflect the results of the engineering investigation and design and show all pertinent dimensions and sizes for plan review and construction. The following shall be provided:
1. Floor plans and roof plans shall show the existing framing construction, diaphragm construction, proposed wall anchors, cross-ties and collectors. Existing nailing, anchors, ties and collectors shall also be shown on the plans if these are part of the design, and these structural elements need to be verified in the field.
2. At elevations where there is alterations or damage, the details shall show the roof and floor heights, dimensions of openings, location and extent of existing damage, and proposed repair.
3. Typical concrete or masonry wall sections with wall thickness, height, and location of anchors shall be provided.
4. Details shall include the existing and new anchors and the method of development of anchor forces into the diaphragm framing; existing and new cross-ties, existing and new or improved support of the roof and floor girders at pilasters or walls.

**V306.3. Engineer's or Architect's Statement.** The responsible engineer or architect shall state on the approved plans, the following:
1. "I am responsible for this building's seismic strengthening design of the tilt-up concrete wall anchorage system in compliance with the minimum seismic resistance standards of Chapter V3 of the El Segundo Building Code." or when applicable:
2. "The Registered Deputy Inspector, required as a condition of the use of structural design stresses requiring continuous inspection, will be responsible to me as required by Section 1704 of the El Segundo Building Code."

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**SECTION 8: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION.** The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., "CEQA") and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the "State CEQA Guidelines") because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment.

**SECTION 9: SAVINGS CLAUSE.** Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance's effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

**SECTION 10: SEVERABILITY.** If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.
SECTION 11: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 11: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of __________, 2013.

Bill Fisher, Mayor

APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By: ______________________________________
Karl H. Berger
Assistant City Attorney

ATTEST:

STATE OF CALIFORNIA  )
COUNTY OF LOS ANGELES  )  SS
CITY OF EL SEGUNDO  )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. ___ was duly introduced by said City Council at a regular meeting held on the _____ day of __________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _____ day of __________, 2013, and the same was so passed and adopted by the following vote:

AYES: __________________________
NOES: __________________________
ABSENT: _________________________
ABSTAIN: _________________________

Tracy Weaver, City Clerk
ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2013 EDITION OF THE CALIFORNIA ELECTRICAL CODE.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to adopt certain uniform codes that are set forth in Health and Safety Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code § 50022.2, et seq., the City may adopt other uniform codes by reference;

C. It is in the public interest to adopt the 2013 Edition of the California Electrical Code ("CEC") with the changes set forth in this Ordinance;

D. At least one copy of the CEC was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing

SECTION 2: Chapter 2 to Title 13 of the El Segundo Municipal Code ("ESMC") is amended in its entirety to read as follows:

CHAPTER 2

ELECTRICAL CODE

SECTION:

13-2-1: California Electrical Code Adopted.

13-2-1: ADOPTION OF CALIFORNIA ELECTRICAL CODE, 2013 EDITION. Pursuant to California Government Code § 50022.1 to 50022.8, the California Electrical Code, 2013 Edition, published at Title 24, Part 3, of the California Code of Regulations, including Annexes A thru G ("CEC") is adopted by reference, subject to the amendments, additions and deletions set forth below. One true copy of the CEC, is on file in the office of the Building Official and is available for public inspection as required by law.
SECTION 3: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., "CEQA") and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the "CEQA Guidelines") because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.

SECTION 4: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance’s effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

SECTION 5: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 6: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 7: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of __________, 2013.

_____________________________  
Bill Fisher,  
Mayor
APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By: ________________________________
    Karl H. Berger
    Assistant City Attorney

\ATTEST:

STATE OF CALIFORNIA  )  SS
COUNTY OF LOS ANGELES )
CITY OF EL SEGUNDO   )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. ____ was duly introduced by said City Council at a regular meeting held on the _____ day of ____________, 2010, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _____ day of ____________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

______________________________
Tracy Weaver, City Clerk
ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2013 EDITION OF THE CALIFORNIA PLUMBING CODE WITH AMENDMENTS.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to adopt certain uniform codes that are set forth in Health and Safety Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code § 50022.2, et seq., the City may adopt other uniform codes by reference;

C. It is in the public interest to adopt the 2013 Edition of the California Plumbing Code ("CPC") with the changes set forth in this Ordinance;

D. Amendments have been made to Codes are hereby found to be either administrative or procedural in nature or concern themselves with subjects not covered in such Codes. The changes made include provisions making each of said Codes compatible with other Codes enforced by the City.

E. At least one copy of the CPC was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing

SECTION 2: Chapter 5 to Title 13 of the El Segundo Municipal Code ("ESMC") is amended in its entirety to read as follows:

CHAPTER 5

PLUMBING CODE

SECTION:

13-5-1: California Plumbing Code Adopted.

published at Title 24, Part 4, of the California Code of Regulations, including Appendices A, B, D, I, and L ("CPC") is adopted by reference, subject to the amendments, additions and deletions set forth below. One true copy of the CPC, is on file in the office of the Building Official and is available for public inspection as required by law.

SECTION 3: ESMC Section 13-5-2 is amended to the California Plumbing Code including the adopted appendices is hereby amended as follows:

Section 103.3 of the CPC is hereby amended to read as follows:

CPC Section 103.3, Permit Issuance, is deleted in its entirety. The 2013 California Building Code, as incorporated into the El Segundo Municipal Code, will govern the administration of the CPC.

Section 103.4 of the CPC is hereby amended to read as follows:

CPC Section 103.4 Fees, is deleted in its entirety. The 2013 California Building Code, as incorporated into the El Segundo Municipal Code, will govern the administration of the CPC.

SECTION 4: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., "CEQA") and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the "CEQA Guidelines") because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.

SECTION 5: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance's effective date. Any such repealed
part will remain in full force and effect for sustaining action or prosecuting
violations occurring before the effective date of this Ordinance.

SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is
deemed invalid by a court of competent jurisdiction, the city council intends that
such invalidity will not affect the effectiveness of the remaining provisions or
applications and, to this end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire
Ordinance or its application is deemed invalid by a court of competent
jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance
will be rendered void and cause such ESMC provision or other the city ordinance
to remain in full force and effect for all purposes.

SECTION 8: EFFECTIVE DATE. This Ordinance will take effect on January 1,
2014.

PASSED AND ADOPTED this ___ day of _________, 2013.

Bill Fisher,
Mayor

APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By: Karl H. Berger
   Assistant City Attorney
ATTEST:

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
CITY OF EL SEGUNDO

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. _____ was duly introduced by said City Council at a regular meeting held on the _____ day of _____________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _____ day of _____________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Tracy Weaver, City Clerk
ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2013 EDITION OF THE CALIFORNIA MECHANICAL CODE WITH AMENDMENTS.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to adopt certain uniform codes that are set forth in Health and Safety Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code §§ 50022.2, et seq., the City may adopt other uniform codes by reference;

C. It is in the public interest to adopt the 2013 Edition of the California Mechanical Code ("CMC") with the changes set forth in this Ordinance;

D. Amendments have been made to Codes are hereby found to be either administrative or procedural in nature or concern themselves with subjects not covered in such Codes. The changes made include provisions making each of said Codes compatible with other Codes enforced by the City.

E. At least one copy of the CMC was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing

SECTION 2: Chapter 6 to Title 13 of the El Segundo Municipal Code ("ESMC") is amended in its entirety to read as follows:

CHAPTER 6

MECHANICAL CODE

SECTION:

13-6-1: California Mechanical Code Adopted.
13-6-2: Amendments to California Mechanical Code.

13-6-1: ADOPTION OF CALIFORNIA MECHANICAL CODE, 2013 EDITION. Pursuant to California Government Code §§ 50022.1 to 50022.8, the California Mechanical Code, 2013 Edition,
published at Title 24, Part 4, of the California Code of Regulations, including Appendices A through D ("CMC") is adopted by reference, subject to the amendments, additions and deletions set forth below. One true copy of the CMC, is on file in the office of the Building Official and is available for public inspection as required by law.

SECTION 3: ESMC Section 13-6-2 is amended to the California Mechanical Code including the adopted appendices is hereby amended as follows:

Section 110.0 of the CMC is hereby amended to read as follows:

CMC Section 110.0, Board of Appeals, is deleted in its entirety. The 2013 California Building Code, as incorporated into the El Segundo Municipal Code, will govern the administration of the CMC.

Section 114.0 of the CMC is hereby amended to read as follows:

CMC Section 114.0 Permits, is deleted in its entirety. The 2013 California Building Code, as incorporated into the El Segundo Municipal Code, will govern the administration of the CMC.

Section 115.0 of the CMC is hereby amended to read as follows:

CMC Section 115.0 Fees, is deleted in its entirety. The 2013 California Building Code, as incorporated into the El Segundo Municipal Code, will govern the administration of the CMC.

SECTION 4: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION.
The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., "CEQA") and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the "CEQA Guidelines") because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.
SECTION 5: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance's effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 8: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of ________, 2013.

Bill Fisher,  
Mayor

APPROVED AS TO FORM  
MARK HENSLEY, CITY ATTORNEY

By:  
Karl H. Berger  
Assistant City Attorney
ATTEST:

STATE OF CALIFORNIA )
COUNTY OF LOS ANGELES ) SS
CITY OF EL SEGUNDO )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. _____ was duly introduced by said City Council at a regular meeting held on the _____ day of ________________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _____ day of ________________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

______________________________
Tracy Weaver, City Clerk
ORDINANCE NO.

AN ORDINANCE ADOPTING BY REFERENCE THE 2013 EDITION OF THE CALIFORNIA FIRE CODE, CHAPTERS 1, DIVISION 2, 3, and 4, AND SECTIONS 503, 510.2 AND 1103.2 OF THE INTERNATIONAL FIRE CODE, 2012 EDITION, AND AMENDING THESE CODES THROUGH EXPRESS FINDINGS OF LOCAL NECESSITY.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds that certain local climatic, geological, or topographical conditions exist as follows:

A. Climatic - The City experiences periods of extremely high temperatures accompanied by low humidity and high winds each year. These conditions could create an environment in which the Fire Department may be unable to control fires occurring in vegetation as well as structures not having built in fire protection.

B. Geological - The City is located in a seismically active area. A significant earthquake could render the Fire Department incapable of providing adequate fire protection. In that instance, built-in fire protection would be relied upon for controlling most structural fires.

C. After due consideration, the City Council finds and determines that due to these local climatic, geological, or topographical conditions that amendments, additions, and deletions to the California Fire Code, 2007 Edition, are reasonably necessary to provide sufficient and effective levels of fire safety for the protection of life, health and property. Specifically, these amendments are made as follows:

1. CFC § 503 – Provides a means of ensuring that fire department access to buildings and fire hydrants is provided uniformly in the City during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.

2. CFC § 505.1, 505.1.1 – Provides a means of ensuring that fire department access to buildings and fire hydrants is provided uniformly in the City during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.

3. CFC § 510.2 and 1103.2 – Provides a means of ensuring that safe and efficient firefighting operations are conducted in buildings with limited radio reception during periods of low humidity and high...
winds, potential seismic activity, or in areas of restricted access present in the City.

4. CFC § 605.11.3.2.1 – Provides roof access on residential structures for firefighter smoke and heat ventilation operations that will provide adequate protection during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.

5. CFC § 901.4.7 – 910.1. Provides a means of ensuring that fire protection systems are installed and maintained in a manner that will provide adequate protection during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.

6. CFC 903.3.5.3 – Requires that fire sprinkler systems are designed to allow for water reduction during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.

7. CFC § 915.1 – 915.8.2.6. Requires the installation of fire protection and life safety equipment in new mid-rise buildings/structures that increase the fire and life safety of the structures/buildings in order to provide adequate fire protection during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.

8. CFC § 1030.9. Requires fire escapes to be kept clear, maintained and an annual inspection by a certified individual to ensure the fire escapes are operable due to potential seismic activity.

9. CFC § 5601.2 and 5601.3 Prohibits the general use of fireworks, including "Safe and Sane" fireworks and authorizes the fire code official to confiscate fireworks in order to reduce the danger from fire during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.

10. CFC Appendix B § B105.2. Reduces the available fire flow reduction to 50 percent to increase site available fire flow to provide adequate fire protection and life safety during periods of low humidity and high winds, potential seismic activity, or in areas of restricted access present in the City.
SECTION 2: Chapter 10 to Title 13 of the El Segundo Municipal Code ("ESMC") is amended in its entirety to read as follows:

"CHAPTER 10
13-10-2: FIRE CODE

A. SECTIONS:
13-10-1: ADOPTION OF CODES.
13-10-2: AMENDMENTS, ADDITIONS, AND DELETIONS.
13-10-3: ADDING APPENDIX M TO THE CFC.
13-10-4: GEOGRAPHICAL LIMITS.

13-10-1: ADOPTION OF CODES.
Pursuant to California Government Code §§ 50022.1 to 50022.8, the City adopts and incorporates by reference the California Fire Code, 2013 Edition ("CFC"), including Appendixes A, B, and C published drafted and published by the International Code Council, 500 New Jersey Avenue NW, 6th Floor, Washington DC, 20001-2070 and the California Building Standards Commission, 2525, Natoma Park Drive, Ste 130, Sacramento, California 95833. The City also adopts and incorporates by reference Chapters 1, Division 2, 3, 4, and Section 503 of the International Fire Code, 2012 Edition, published by the International Code Council, not included in the California Building Standards Code, as modified and amended by this chapter. Should the changes set forth below conflict with the provisions of any other locally adopted code, these changes will prevail. The CFC and the IFC will apply to all occupancies within the City's jurisdiction. One (1) true copy of each code is on file with the City Clerk and is available for public inspection as required by law.

13-10-2: AMENDMENTS, ADDITIONS, AND DELETIONS.
After due consideration, the City Council has found that as a result of existing local climatic, geological, or topographical conditions that amendments, additions, and deletions to the CFC are reasonably necessary to provide sufficient and effective levels of fire safety for the protection of life, health and property. Therefore, the CFC is amended, added to, or deleted from, as set forth below:

§ 104.10 Investigations. The Fire Department is authorized to promptly investigate the cause, origin and circumstances of each and every fire, explosion, unauthorized release of hazardous materials, or any other hazardous condition within the City. If it appears to the bureau of investigation that such fire is suspicious in origin, it is authorized to take immediate charge of all physical evidence relating to the cause of fire and to pursue investigation to its conclusion.

§ 104.10.1 Assistance from other agencies. The Police Department and other public agencies are authorized to assist the Fire Department in its investigations when requested to do so.
§ 104.10.2 Technical assistance. When there is a fire, explosion, hazardous materials incident or other potential life or serious property threatening situation, the fire code official can request the owner to or operator to hire a private fire protection or hazardous materials investigator, acceptable to the fire code official and at the expense of the owner or operator, to provide a full report of the incident, including, without limitation, such matters as origin, cause, circumstances or proposed solution to the problem.

§ 104.11.4 Financial Responsibility. Any person who personally, or through another, willfully, negligently, or in violation of law, sets a fire, allows a fire to be set, or allows a fire kindled or attended by him/her to escape from his/her control, allows any hazardous material to be handled, stored, disposed of, or transported in a manner not in accordance with this Code, State law or nationally recognized Standards, allows any hazardous material to escape from his/her control, allows continuation of a violation of this Code is liable for the expense of fighting the fire or for the expenses incurred during a hazardous materials incident, and such expense will be a charge against that person.

§ 105.2 Application for Permit. Applications for permits will be made to the fire prevention office in such form and detail as prescribed by the fire code official. Applications for permits must be accompanied by such plans as required by the fire code official. Any applicable permit fees must be paid at the time of application for the permit.

§ 105.6.48 Battery systems. To install or operate stationary storage battery systems having a liquid capacity of more than 50 gallons (189 L) for flooded lead acid, nickel cadmium (NiCad) and valve-regulated lead acid (VRLA), or 1,000 pounds (454 kg) for lithium-ion, used for facility standby power, emergency power or uninterruptible power supplies. See Section 608.

§ 105.6.49 Woodworking. To operate a business which conducts woodworking, or operates as a cabinet shop or other similar purposes.

§ 105.7.13 Rooftop obstructions. A construction permit is required to install or modify solar photovoltaic power systems, rooftop gardens or landscaped roofs.

§ 106.2.1 Inspection requests. It is the duty of the holder of the permit or their duly authorized agent to notify the fire code official when work is ready for inspection. It is the duty of the permit holder to provide access to and means for inspection of such work that are required by this code. Every request for inspection must be filed not less than two working days before such inspection is desired. Such request may be in writing or by telephone.

§ 108.4 Filing fee and application. The City will assess a fee in an amount set by resolution at the time that an appellant files an appeal of any order, decisions, or determination made by the fire code official relative to the application and
interpretation of this Code. The fee is refundable should the appellant prevail in a decision by the Board. The appeal must be taken by filing a written notice of appeal, in letterform, to the Board of Appeals. The Board’s decision constitutes the City’s final decision.

§ 109.4 Violation penalties. Persons who violate a provision of this code or fail to comply with any of its requirements or who erects, installs, alters, repairs or does work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, is guilty of a misdemeanor, punishable by a fine of not more than $1,000 dollars or by imprisonment not exceeding 6 months, or both such fine and imprisonment. Each day that a violation continues after due notice has been served constitutes a separate offense.

§ 202 GENERAL DEFINITIONS are amended to add and/or modify the following definitions to read as follows:

“Administrator” means the City Manager, or designee, of the city of El Segundo.

“Building Access” means an exterior door opening conforming to all of the following:

1. Suitable and available for fire department use, opening onto or adjacent to a public way or a fire department access road as described in Section 902.

2. Located not more than 2 feet (609.6 mm) above adjacent ground level.

3. Leading to a space, room or area having foot traffic communication capabilities with the remainder of the building.

4. Designed to permit access with the use of keys available in an approved key lock box.

“Fire Code Official” is the Fire Chief or a duly authorized representative.

“Low-Rise Building” is any building that is less than four stories in height from the lowest level of fire department access. Measurement will be from the topside of the highest floor level that can be occupied to the lowest floor level of building access, as defined in Section 202.

“Mid-Rise Building” is any building having space used for human occupancy four complete stories or more in height while being 75 feet (22,860 mm) or less in height and not defined as a high-rise building by Section 202. Measurement will be from the topside of the highest floor level that can be occupied to the lowest floor level of-building access, as defined in Section 202.
"Open Burning" is the burning of materials wherein products of combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber. Open burning does not include road flares, smudgepots and similar devices associated with safety or occupational uses typically considered open flames. For the purpose of this definition, a chamber must be regarded as enclosed when, during the time combustion occurs, only apertures, ducts, stacks, flues or chimneys necessary to provide combustion air and permit the escape of exhaust gas are open.

§ 307.1.1 Prohibited Open Burning. Open flame, open burning, recreational burning, fires in outdoor fireplaces or portable fireplaces that is offensive or objectionable because of smoke emissions or when atmospheric conditions or local circumstances make such fires hazardous is prohibited.

§ 308.1.4 Open-flame cooking devices. is deleted

§ 311.5 Placards. is deleted

§ 405.2 Table 405.2 Footnote 'a'
  a. The frequency in all school levels are allowed to be modified in accordance with Section 408.3.2. Secondary level schools need only conduct evacuation drills twice each school year.

§ 408.1 General. is deleted

§ 408.2 Group A occupancies. is deleted

§ 408.3 Group E occupancies and Group R-2 college and university buildings. is deleted

§ 408.5 I occupancies. is deleted

§ 408.6 Group I-2 occupancies. is deleted

§ 408.7 Group I-3 occupancies. is deleted

§ 408.8 Group R-1 occupancies. is deleted

§ 408.9 Group R-2 occupancies. is deleted

§ 408.10 Group R-4 occupancies. is deleted

§ 408.11 Covered mall buildings. is deleted

§ 503, Fire Apparatus Access Roads is adopted with the following amendments:
§ 503.1.1 Buildings and facilities. Approved fire apparatus access roads must be
provided for every facility, building or portion of a building hereafter constructed or
moved into or within the jurisdiction. The fire apparatus access road must comply
with the requirements of this section and extend to within 150 feet (45,720 mm) of all
portions of the facility and all portions of the exterior walls of the of the first story of
the building as measured by an approved route around the exterior of the building or
facility. The fire code official has the authority to designate fire apparatus access
roads on private property.

Exception: The fire code official is authorized to increase to dimension of 150
feet (45,720 mm) where:

1. The building is equipped throughout with an approved automatic sprinkler
system installed in accordance with Section 903.3.1.1, 903.1.2 or 903.3.1.3.

2. Fire apparatus access roads cannot be installed because of location on
property, topography, waterways, nonnegotiable grades or other similar
conditions, and an approved alternative means of fire protection is provided.

3. There are not more than two Group R-3 or Group U occupancies.

§ 503.2.1 Dimensions. Fire apparatus access roads must have an unobstructed
width of not less than 20 feet (6096 mm) exclusive of shoulders, except for approved
security gates in accordance with Section 503.6, and an unobstructed vertical
clearance of not less than 15 feet (4572 mm).

Exception:

1. When serving only one Group R, Division 3 or Group U Occupancy the
unobstructed width of the access road may be 12 feet (3658 mm).

§ 503.2.1.1 Access roads with vehicle parking. No access roads can be less than
32 feet (9754 mm) in width if the vehicle parking is permitted on one side of the
access road and not less than 40 feet (12,192 mm) if vehicle parking is permitted on
both sides of the access road. To permit the free passage of vehicles, access roads
designated for vehicle parking on only one side must have signs or markings
prohibiting the parking of vehicles on the traffic flow side of the roadway.

§ 503.2.1.2 Road divider. An access road divider into separate adjacent one-way
traffic lanes by a curbed divider or similar obstacle must not be less than 15 feet
(4572 mm) in unobstructed width on each side of the divider.

§ 503.2.4 Turning radius. The inside turning radius of a fire apparatus access road
must be a minimum of 60 feet, outside and 40 feet, inside.
§ 503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads cannot be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 must be maintained at all times. Speed bumps and speed humps must be approved before installation.

§ 505.1 Address numbers. Approved address numbers and letters must be placed on all new and existing buildings and units in such a location as to be plainly visible and legible from the street or road fronting such buildings and units. Numbers and letters must be at least four (4) inches in height for residential, six (6) inches in height for commercial, and twelve (12) inches in height for industrial buildings and units and may not be located on doors or other areas that can be obstructed from view. The numbers and letters will be in a color that contrasts with their background and must be in the City’s approved numbering sequence. Commercial and industrial buildings and units that are served by an alley must also have approved address numbers and letters posted in a visible location near the primary door to the alley.

§ 505.1.1 Directory. For complexes and large buildings, a directory or premises map with approved addressing must be installed and maintained at a location and in format as approved by the fire code official.

§ 507.5.1.1 Hydrant for sprinkler systems and standpipe systems. Buildings equipped with an automatic sprinkler system or a standpipe system installed in accordance with Sections 903 or 905 must have a fire hydrant within 80 feet of the fire department connection.

Exception: The distance may be permitted to exceed 80 feet where approved by the fire code official.

§ 510.2 Emergency responder radio coverage in existing buildings. is adopted

§ 605.11.3.2.1 Residential building smoke and heat ventilation. Panels/modules installed on the roof of residential buildings must be located only on one side of any ridge in order to allow for Fire Department smoke and heat ventilation operations. The opposite ridge must have the panels/modules located no higher than 3 feet below the ridge.

Exceptions:
1. Where the solar panels/modules are spaced a minimum 5 feet from the ridge.
2. Where the building is protected throughout by a fire sprinkler system installed in accordance with the applicable NFPA Standard.
3. Where the building is provided with approved skylights and/or smoke and heat vents located in approved locations per the El Segundo Fire Department.

§ 805 Upholstered Furniture and Mattress In New and Existing Buildings. is deleted
§ 808 Furnishings Other Than Upholstered Furniture and Mattresses or Decorative Materials in New and Existing Buildings. is deleted

§ 901.4.7 Partial fire sprinkler systems. Where in this Code or the Building Code a partial fire sprinkler system is required, the fire sprinkler system must be installed, modified or extended to protect the entire building or structure.

§ 901.11 Problematic systems. In the event of a failure of a fire protection system or 2 or more alarms in a week where the fire code official finds no evidence of a situation requiring a response, the fire code official is authorized to require the building owner or occupant to provide a fire watch until the system is repaired. Fire watch personnel must be provided with at least one approved means for notification of the Fire Department and their only duty is to perform constant patrols of the protected premises and keep watch for fires.

§ 903.2.11.3 Building 4 stories or more in height. An automatic sprinkler system must be installed throughout all buildings having usable floor area four stories or more above grade, or buildings attached thereto.

Exceptions:

1. Airport control towers
2. Open parking structures.
3. Occupancies in Group F-2.

§ 903.2.20 Structures in the Smoky Hollow Specific Plan Area. An automatic sprinkler system must be provided throughout every facility or building hereafter constructed within the Smoky Hollow Specific Plan Area.

§ 903.3.1.2.2 Protection of attached garages. Residential occupancies protected by an automatic sprinkler system in accordance with NFPA 13R must have automatic sprinklers installed in attached garages and in other areas as required by the fire code official.

§ 903.3.1.3.1 Protection of attached garages. Residential occupancies protected by an automatic sprinkler system in accordance with NFPA 13D must have automatic sprinklers installed in attached garages and in other areas as required by the fire code official.

§ 903.3.5.3 Hydraulically calculated systems. The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity.

§ 903.3.8 Shutoff valves. Sprinkler shut off valves are required on each floor of buildings three stories or greater in height.

§ 905.5.3 Intentionally blank.
§ 907.6.5 Monitoring. All fire alarm and detection systems must be monitored by an approved central station as defined in NFPA 72. A (UL) Underwriters Laboratories Certificate or (FM) Factory Mutual Placard must be provided and maintained by a UL Listed or FM Approved fire alarm contractor who provides runner service in accordance with the 2013 Edition of NFPA 72, Chapter 26 for all newly installed fire alarm systems in commercial occupancies. This regulation applies to all fire alarm systems that are newly installed in commercial occupancies for which permits are required by the El Segundo Fire Department on or after January 1, 2014. Any existing fire alarm system in a commercial occupancy wherein the fire alarm control unit and alarm system components are to be replaced is considered newly installed for the purposes of this section.

Exception. Supervisory service is not required for:

1. Single and multiple-station smoke alarms required by Section 907.2.11.
2. Smoke detectors in Group I-3 occupancies.
3. Automatic sprinkler systems in one and two-family dwellings.

§ 910.1 General. Where required by this Code or otherwise installed, smoke and heat vents or mechanical smoke exhaust systems and draft curtains must conform to the requirements of this section.

Exceptions:

1. Frozen food warehouses used solely for storage of Class I and II commodities where protected by an approved automatic sprinkler system.

2. Where areas of buildings are equipped with early suppression fast-response (ESFR) sprinklers, smoke and heat venting must be provided by mechanical smoke exhaust systems in accordance with Section 910.4 within these areas.

SECTION 915 MID-RISE BUILDINGS

SECTION 915.1 General

§ 915.1.1 Scope. In addition to other applicable provisions of this code, other laws and regulations, and any policies of the fire code official, the provisions of this article apply to every mid-rise building, of any type construction, newly constructed after the adoption of this Code, or which undergoes a complete renovation that requires the complete vacancy of the building.

Exceptions: The following structures, while defined as mid-rise buildings, are not subject to this article:
1. Buildings used exclusively as open parking garage;

2. Buildings where all floors above the third floor (9,144 mm) level are used exclusively as open parking garage;

1. Buildings such as power plants, lookout towers, steeples, grain houses, and similar structures with non-continuous human occupancy, when so determined by the fire code official;

2. Buildings used exclusively for jails, prisons and hospitals.

§ 915.1.2 Definitions. For definitions of MID-RISE BUILDING and BUILDING ACCESS, see Section 202.

§ 915.2 Building Access.

§ 915.2.1 Building Access. Building access must be provided and approved by the fire code official.

§ 915.3 Fire and Life Safety Requirements.

§ 915.3.1 Automatic Fire Sprinklers. Every mid-rise building must be protected throughout by an automatic fire sprinkler system that is designed and installed in conformance with NFPA 13. A shut-off valves and a water flow alarm device must be provided for each floor.

§ 915.3.2 Standpipes. Every mid-rise building must be provided with a class I standpipe system in each required stairway. The standpipe system must be interconnected with the fire sprinkler system. The system must consist of 2½ inch hose valves provided for each floor level above or below grade. Two hose outlets must also be located on the roof, outside of each stair shaft enclosure that penetrates the roof. Hose connections must be located in the exit vestibule, unless otherwise approved by the fire code official.

§ 915.3.3 Smoke Detection. Smoke detectors must be provided in accordance with this section. Smoke detectors must be connected to an automatic fire alarm system installed in accordance with NFPA 72. The actuation of any detector required by this section will operate the emergency voice alarm signaling system and will place into operation all equipment necessary to prevent the circulation of smoke through air return and exhaust ductwork.

§ 915.3.3.1 Location. Smoke detectors must be located as follows:
1. In every elevator machinery room and in all elevator lobbies. Elevator lobby detectors must be connected to an alarm verification zone or be listed as a releasing device.

2. In the main return-air and exhaust-air plenum of each air-conditioning system. Such device must be located in a serviceable area downstream of the last duct inlet.

3. At each connection to a vertical duct or riser serving two or more stories from a return-air duct or plenum of an air conditioning system. In Group R-1 and R-2 Occupancies, an approved smoke detector may be used in each return-air riser carrying not more than 5,000 cubic feet per minute and serving not more than 10 air inlet openings.

4. For Group R-1 and R-2 Occupancies, in all corridors serving as a means of egress for an occupant load for 10 or more.

§ 915.3.4 Smoke Control. A passive or active smoke control system must be provided for all mid-rise buildings whenever a complete floor is in excess of 55 feet (16.764 mm) from the lowest point of Fire Department access. Such system must be mechanical and must be designed, installed and tested to be in compliance with Section 909.

§ 915.3.5 Fire Alarm System. An approved and listed, automatic and manual, fully addressable and electronically supervised fire alarm system must be provided in conformance with this code and any policies of the Fire Prevention Division.

§ 915.3.6 Emergency voice alarm signaling system. The operation of any automatic or manual fire alarm initiating device must automatically sound an alert tone followed by a pre-recorded voice instruction giving appropriate information and direction on a general or selective basis to entire building, occupied and normally non-occupied areas.

§ 915.3.6.1 Pre-recorded instructions. The content of the voice alarm instruction must be approved by the El Segundo Fire Department.

§ 915.3.6.2 Manual override. A manual override for emergency voice communication must be provided for all paging zones.

§ 915.4 Central Control Station.

§ 915.4.1 General. A central control station room for fire department–operations must be provided. The location and accessibility of the central control station room must be approved by the fire department. The room must be separated from the remainder of the building by not less than one-hour, fire resistive occupancy
separation. The room must be a minimum of 96 square feet with a minimum dimension of 8 feet. It must contain the following as a minimum:

1. The voice alarm and public address panels.
2. The fire alarm annunciator panel.
3. Elevator annunciator panel when the building exceeds 55 feet in height
4. Status indicators and controls of air handling systems.
5. Controls for unlocking stairwell doors.
6. Annunciator panels for emergency and stand-by power status.
7. Annunciator panels for fire pump status.
8. Complete building plans set.
10. Elevator control switches for switching of emergency power.

§ 915.4.2 Annunciation identification. Control panels in the central control station must be permanently identified as to function. Water flow, automatic fire detection and manually activated fire alarms, supervisory and trouble signals must be monitored by an approved, UL listed Central Monitoring Station or Proprietary Monitoring Station and annunciated in the central control station by means of an audible and visual indicator. For the purposes of annunciation, zoning must be in accordance with the following:

1. When the system serves more than one building, each building must be considered separately.
2. Each floor must be considered a separate zone.
3. When one or more risers serve the same floor, each riser must be considered a separate zone.

§ 915.5 Elevators.

§ 915.5.1 Standards. Elevators and elevator lobbies must be provided and must comply with the California Building Code and the following:

§ 915.5.2 General. At least one elevator cab must be assigned for Fire Department use, which serves all floors of the building. All provisions hereinafter are in reference to said elevator cab(s).

§ 915.5.2.1 Size. The size of the elevator cab must have dimensions as specified in Section 915.5.2.1.1.

§ 915.5.2.1.1 Ambulance Stretcher. The elevator cab must be provided with adequate dimensions to accommodate an ambulance type stretcher in accordance with the provisions of Section 3002.4a.1 of California Building Code.

§ 915.6 Standby Power.
§ 915.6.1 General. An on-site standby power system conforming to the Electrical Code must be provided. In the event of failure of the normal power source, the standby power system must provide an alternate source of electrical power to serve at least the designated loads as set forth in Section 915.6.2 at full power. The system may consist of an on-site generator or a system of batteries, or both. The installation must be in accordance with this code, nationally recognized standards, and any policies of the fire code official.

§ 915.6.2 Loads. The power load requirements for sizing the standby power system must include, without limitation to the following:

1. Exit signs and exit path illumination;
2. Fire alarm system;
3. Elevator(s) assigned for fire department use;
4. Electrically driven fire pumps (if provided);
5. Smoke control systems;
6. Stairwell pressurization;
7. Lighting circuits supplying all elevator cabs, elevator lobbies, generator room, fire pump room, and other areas designated by the fire code official.

§ 915.6.3 Fuel Supplies. On-site fuel supplies for prime movers of a standby power generator must be sufficient for at least 48 hours at the generator’s listed full load. Where fuel supplies require automatic transfer into a primary tank from a secondary fuel storage tank, the fuel transfer system must be provided with redundant fuel pumps to insure reliability. The fuel supply tank provided must be capable of storing at least 200% of the calculated amount of fuel needed.

§ 915.7 Emergency Electrical System

§ 915.7.1 General. Electrical systems and equipment specified in Section 915.6 are classed as emergency systems and must be installed in accordance with this code, NFPA 110, NFPA 111 and policies of the fire code official. Such systems must operate within 10 seconds of failure to normal power supply. Such emergency power supply may be separate from the standby power required for fire pumps and elevators assigned for fire department use.

§ 915.7.2 Emergency Systems. The following are classed as emergency systems:

1. Exit signs and means of egress illumination
2. Fire alarm system
3. Fire detection system
4. Sprinkler alarm system
5. Elevator cab lighting
6. Smoke control systems.

§ 915.8 Means of Egress

§ 915.8.1 General. Means of egress must comply with the provisions of Section 915.8.

§ 915.8.1 Stairway enclosures. All stairways used for exiting must be protected by an exit enclosure designed in accordance with the California Building Code, Section 1020.1 and this Section.

§ 915.8.2.1 Construction. Construction of stairway enclosures must in accordance with the California Building Code, Section 1005.3.3.2.

§ 915.8.2.2 Extent of Enclosure. Stairway enclosures must be continuous and must fully enclose all portions of the stairway. Exit enclosure must exit directly to the exterior of the building or include an exit passageway on the ground floor, leading to the exterior of the building. Each exit enclosure must extend completely through the roof and be provided with a door that leads onto the roof.

§ 915.8.2.3 Openings and Penetrations. Openings and Penetrations must be as specified in the California Building Code, Section 1020.1.1.

§ 915.8.2.4 Pressurized Enclosures. A pressurized stairway enclosure must be provided for all mid-rise buildings whenever a complete floor is in excess of 55 feet (16.764 mm) from the lowest point of Fire Department access. The pressurized stairway must be designed and pressurized as specified in the California Building Code, Section 909.20.

§ 915.8.2.4.1 Vestibules. Pressurized stairway enclosures, serving Mid-Rise buildings must be provided with a pressurized entrance vestibule on each floor that complies with the California Building Code, Section 909.20.

§ 915.8.2.4.1.1 Vestibule Size. Vestibule size must be not less than 44 inches in width and not less than 72 inches in the direction of travel.

§ 915.8.2.4.1.2 Vestibule Construction. Vestibules must have walls, ceilings and floors of not less than two-hour fire resistive construction.
§ 915.8.2.4.1.3 Vestibule Doors. Vestibule doors must comply with California Building Code, Section 909.20.

§ 915.8.2.4.1.4 Pressure Differences. The minimum pressure difference within a vestibule must comply with California Building Code, Section 909.20.

§ 915.8.2.4.1.5 Standpipes. Fire Department standpipe connections and valves serving the floor must be within the vestibule and located in a manner so as not to obstruct egress when hose lines are connected and charged.

§ 915.8.2.5 Locking of Stairway doors. All stairway doors that are locked to prohibit access from the stairway side must have the capability of being unlocked simultaneously, without unlatching, upon a signal from the fire control room. Upon failure of normal electrical service, or activation of any fire alarm, the locking mechanism must automatically retract to the unlocked position. Hardware for locking of stairway doors must be State Fire Marshal listed and approved by the fire code official by permit before installation. Stairway doors located between the vestibules and stairway shaft must not be locked.

§ 915.8.2.6 Communications. A telephone or other two-way communications system connected to an approved emergency service which operates continuously must be provided at not less than every third floor in each required exit stairway vestibule.

§ 1030.10 Fire escape maintenance. Fire escapes must be kept clear and unobstructed at all times, must be maintained in good working order at all times and must receive an annual inspection by a Los Angeles Fire Department Regulation 4 certified individual. The inspection records must remain on site for Fire Department review.

§ 1103.2 Emergency responder radio coverage is existing buildings. is adopted

§ 3304.8 Fire retardant plastic sheathing and tarpaulins. Fire retardant tarpaulins and sheeting must be used to barricade construction areas from occupied building spaces and to provide floor or wall protection in occupied buildings.

§ 3206.2 Table 3206.2, Footnote 'j' is amended to read as follows:

j. Smoke and heat removal must be accomplished by mechanical ventilation in accordance with Section 910.4 when storage areas are protected by early suppression fast response (ESFR) sprinkler systems installed in accordance with NFPA 13.

§ 5601.2 Fireworks. The manufacturing, possession, storage sale, use and handling of fireworks, including without limitation, “Safe and Sane” fireworks, is prohibited
Exceptions:
1. Storage of fireworks in accordance with the requirements for low order explosives in Title 19, California Code of Regulations, Chapter 10.
2. Storage of fireworks, 1.4G in accordance with the Building Code.
3. Use and handling of fireworks for professional display in accordance with Title 19, California Code of Regulations, Chapter 6.

§ 5601.3 Seizure of Fireworks. The fire code official has the authority to seize, take and remove fireworks stored, sold, offered for sale, used or handled in violation of the provisions of Title 19, California Code of Regulations, Chapter 6 and California Health and Safety Code, Chapter 9.

Appendix B § B105.2 Buildings other than one- and two-family dwellings. The minimum fire-flow and flow duration for buildings other than one- and two-family dwellings is specified in Table B105.1

Exception: A reduction in required fire-flow up to 50 percent, as approved, is allowed when the building is protected with an approved automatic sprinkler system installed in accordance with Section 903.1.1 or 903.1.2. The resulting fire-flow must not be less than 1,500 gallons per minute (5678 L/min) for the prescribed duration as specified in Table B105.1

13-10-3: A new Appendix K Temporary Haunted Houses, Ghost Walks, And Similar Amusement Uses is added to the CFC to read as follows:

SECTION K101
GENERAL

§ K101.1 Scope. These regulations apply to temporary Haunted Houses, Ghost Walks, or similar amusement uses, where decorative materials and confusing sounds and/or visual effects are present.

§ K101.2 Permits. An operational permit is required for Haunted Houses, Ghost Walks, or similar amusement uses in accordance with Appendix K101.2.

§ K101.2.1 Permit documents. The permit application must include a dimensioned site plan and floor plan.

A site plan showing the following:
1. The proximity of the event building(s) to other structures or hazardous areas.
2. The path of travel from the event building or area to the public way.
3. The location of exterior evacuation assembly points.
A floor plan showing the following:

1. Dimensions of the area being used (include total square footage, width, and types of exits, aisles, or interior exit pathways, etc.).
2. The path of travel must include the layout of any mazes, mirrors or other display items that may confuse the egress paths.
3. A brief description of what will be depicted in each room or area along the walk or course including the type of special effects to be utilized.
4. Location of exits, exit signs, and emergency lighting.
5. Location of electrical panel(s) and light switches.
6. Identification of what the normal or prior use of the structure(s) being used is (e.g., auditorium, school, church).
7. Accessible egress routes.
8. When required, areas of refuge.
9. When required by Section 318.9, fire alarm panel location, manual fire alarm boxes, and horn/strobe locations.
10. Portable fire extinguisher locations.
11. The location and fuel capacity of all generators.

§ K101.3 El Segundo Department of Planning and Building Safety approval.
Approval to operate a temporary amusement haunted house or similar use or to change the approved use of an existing building, or portion thereof, for temporary amusement haunted house or similar use or to change the approved use of an existing building, or portion thereof, for temporary amusement haunted house or similar use requires approved by the El Segundo Department of Planning and Building Safety before the Fire Department's final construction document approval and issuance of an operational permit.

SECTION K102
DEFINITIONS

§ K102.1 [CFC 202] DECORATIVE MATERIALS. All materials applied over the building interior finish for decorative, acoustical or other effect (such as curtains, draperies, fabrics, streamers and surface coverings) and all other materials utilized for decorative effect (such as batting, cloth, cotton, hay, stalks, straw, vines, leaves, trees, moss and similar items), including foam plastics and materials containing foam plastics. Decorative materials do not include floor coverings, ordinary window shades, interior finish and materials 0.025 inch (0.64 mm) or less in thickness applied directly to and adhering tightly to a substrate.

§ K102.2 HAUNTED HOUSE. A building or structure usually used during the Halloween season for amusement or entertainment purposes. A Haunted House may or may not be considered a Special Amusement Building depending on the layout and effects employed.

§ K102.3 GHOST WALKS. Similar to Haunted Houses and may include both indoor and outdoor areas where the means of egresses are similarly not readily identifiable.
§ 102.4 [CBC 411.2] SPECIAL AMUSEMENT BUILDING. A special amusement building is any temporary or permanent building or portion thereof that is occupied for amusement, entertainment or educational purposes and that contains a device or system that conveys passengers or provides a walkway along, around or over a course in any direction so arranged that the means of egress path is not readily apparent due to visual or audio distractions or is intentionally confounded or is not readily available because of the nature of the attraction or mode of conveyance through the building or structure.

SECTION K103
GENERAL REQUIREMENTS

§ 103.1 Allowable structures. Temporary Amusement Haunted Houses, Ghost Walks, and similar amusement uses which meet the definition of a Special Amusement Building can only be located in structures that comply with the provisions for Special Amusement Buildings in accordance with the California Building Code when the planned layout and effects employed meet the definition of a Special Amusement Building.

§ 103.2 Tents or membrane structures. Tents and membrane structures may be used when in compliance with all applicable requirements of this Appendix and when the total floor area of the tent is less than 1,000 square feet and the travel distance to an exit from any location is less than 50 feet.

§ 103.3 Fire evacuation plans. A fire safety and evacuation plan that complies with Section 404 of the California Fire Code must be submitted and approved.

§ 103.4 Staffing. The event must be adequately staffed by qualified person(s) to control the occupant load and assist patrons in exiting should an evacuation become necessary. Staffing level is determined upon review of plans and may be established at the discretion of the Fire Code Official.

§ 103.5 Occupant load. Maximum occupant load must conform with Chapter 10 Table 1004.1.1. A sign stating maximum occupancy must be posted in a visible location near the entrance. The attendant(s) must control the flow of patrons so as not to exceed this limit.

§ 103.6 Exits. Exiting must be in accordance with Chapter 10 and this Section.

1. Two exits must be provided from each room with an occupant load of 50 or more. Required exit doors shall swing in the direction of egress.
2. Illuminated exit signs must be provided at each exit serving an occupant load of 50 or more.
3. Exit doors with a lock or latch are prohibited when serving an occupant load of 50 or more unless it constitutes panic hardware.
4. When tents or membrane structures are approved for use, curtains are not be allowed to cover the exits.
5. Emergency lighting must be provided in exit pathways.
6. Exhibits and decorative materials cannot obstruct, confuse, or obscure exits, exit pathways, exit signs, or emergency lights.
7. Additional exit pathway markings, such as low level exit signs and directional exit path markings may be required.

§ K103.7 Fire protection. Temporary Amusement Haunted Houses, Ghost Walks, and similar amusement uses which meet the definition of a Special Amusement Building must be provided with fire protection systems in accordance with Appendix K103. 7.

Exception: When the total floor area of Haunted Houses or indoor portions of Ghost Walks are less than 1,000 square feet and the travel distance to an exit is less than 50 feet.

§ K103.7.1 Fire sprinkler protection. An automatic fire sprinkler system is required for Haunted Houses and indoor portions of Ghost Walks. Fire sprinkler systems must comply with Section 903.

§ K103.7.2 Fire detection systems. An approved automatic fire detection system shall be provided in accordance with Section 907.2.12 as required for special amusement buildings.

§ K103.7.3 Alarm. Activation of any single smoke detector, the fire sprinkler system, or other automatic fire detection device shall be in accordance with Section 907.2.12.1.

§ K103.7.4 Emergency voice alarm. Special amusement buildings must provide an emergency voice/alarm communication system in accordance with Section 907.2.12.3.

§ K103.7.5 Portable fire extinguishers. See Section K103.16.

§ K103.8 Electrical. When required, a permit shall be obtained from the local Building Official.

§ K103.8.1 Extension cords. Extension cords shall be UL listed and must be appropriate for the intended use.

§ K103.8.2 Power taps. Only UL listed relocatable power taps with overcurrent protection may be used when the number of outlets provided is inadequate. Power strips must be plugged directly into the outlet, and cannot be plugged into one another in series.
§ K103.8.3 String lighting. Manufacturer’s installation instructions must be followed for the maximum allowable number of string lights that can be connected. When connecting string lights together, the total amperage of all string lights must be calculated to ensure they do not exceed the amperage for the extension cord and circuit.

§ K103.8.4 Protection. All extension cords and power strips must be adequately protected from foot traffic.

§ K103.8.5 Portable generators. When portable generators are utilized, they must be diesel fuel type and located a minimum of 20 feet away from all structures.

§ K103.8.6 Additional electrical requirements. See California Fire Code Section 605 for additional electrical requirements.

§ K103.9 Decorative materials and interior finishes. Interior wall, ceiling, and floor finishes must be Class A rated in accordance with the California Building Code. Also see California Fire Code Chapter 8.

§ K103.9.1 Decorative materials. All decorative materials must be inherently flame retardant, or be treated with a California State Fire Marshal (SFM) listed flame retardant material. If the decorative material is treated SFM listed flame retardant material by a non-SFM licensed applicator, the SFM labeled container and sales receipt must be provided to the fire code official for inspection purposes. Also see Fire Code Chapter 8.

§ K103.9.2 Flame test. Flame retardant material testing must be completed in accordance with Section 803.5 of the California Fire Code as referenced from the California Code of Regulations, Title 19, Division 1, Article 3, Section 3.21(a) and (b). Proof of testing shall be provided.

§ K103.9.3 Placement of decorative materials. Decorative materials, props and/or performer platforms cannot obstruct, confuse, or obscure exits, exit signs, exit pathways, emergency lighting or any component of fire protection systems and equipment (e.g. fire extinguishers, fire alarm systems, fire sprinklers, etc.) inside or outside the building.

§ K103.10 Smoke generators. The fire code official may restrict use of smoke-generating equipment if it is determined to be incompatible with smoke alarm(s). Care and consideration must be used with respect to smoke generator and smoke alarm locations. Smoke generator and smoke alarm locations shall be approved by the fire code official.

§ K103.11 Display of motor vehicles. Display of motor vehicles must be in accordance with Section 2402.18 of the California Fire Code.

§ K103.12 Inspections. A fire and life safety inspection must be conducted by the fire code official before any haunted house, ghost walk or special amusement building is made available for public use.
§ K103.13 Signs. "NO SMOKING" signs must be conspicuously posted at the main entrance and throughout the exhibit.

K103.14 Prohibited areas. Inside storage or use of flammable and/or combustible liquids, gases, and solids is prohibited. Open flames are prohibited.

§ K103.15 Maintenance. Good housekeeping must be maintained throughout exhibit and exit pathways, at all times. The means of egress system cannot be obstructed during event operations.

§ K103.16 Portable fire extinguishers. Fire extinguishers must have a minimum 2A-10B:C rating. Fire extinguishers must be properly mounted and be visible and accessible at all times. Clearly identify locations with signs or reflective tape. Fire extinguishers must be located within 50 feet travel distance from anywhere in the building or structure.

13-10-4: GEOGRAPHICAL LIMITS
Geographic limits referred to in certain sections of this Code are established as follows:

Establishment of limits of districts in which storage of flammable or combustible liquids in outside aboveground tanks is prohibited.
The limits referred to in Sections 5704.2.9.6.1 and 5706.2.4.4 in which the storage of Class I flammable liquids or Class II combustible liquids in aboveground tanks outside of buildings is restricted are established as the City of El Segundo’s corporate boundaries.

Exceptions: Such use is allowed in the following zoning districts:

1. The storage of Class I flammable liquids or Class II combustible liquids in aboveground tanks outside of buildings is allowed in M-1 and M-2, Zones;
2. The storage of Class II combustible liquids in aboveground tanks outside of buildings is allowed in C-0, MM, MU-N, MU-S or P-F Zones;

Establishment of limits of districts in which storage of liquefied petroleum gases is to be restricted.
The limits referred to in Section 6104.2 in which storage of liquefied petroleum gas in excess of an aggregate of 2,000 gallons water capacity is restricted are established as the City of El Segundo’s corporate boundaries.

Exceptions:

1. The storage of liquefied petroleum gas in excess of an aggregate of 2,000 gallons water capacity is allowed in the M-2 Zone, when located at least one-half (1/2) mile from property zoned or designated for residential use and...
at least one-half (1/2) mile from existing residential development with a
density greater than one (1) dwelling unit per acre and at least one-half (1/2)
mile from any hotel or motel.

2. The storage of liquefied petroleum gas in excess of an aggregate of 2,000
gallons water capacity is allowed in M-1 Zone with a Conditional Use Permit
issued by the Planning Department.

SECTION 4: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City
Council determines that this ordinance is exempt from review under the California
Environmental Quality Act (California Public Resources Code §§ 21000, et seq.,
"CEQA") and the regulations promulgated thereunder (14 California Code of
Regulations §§ 15000, et seq., the "CEQA Guidelines") because it consists only of
minor revisions and clarifications to an existing code of construction-related regulations
and specification of procedures related thereto and will not have the effect of deleting or
substantially changing any regulatory standards or findings required therefor. This
ordinance, therefore, is an action being taken for enhanced protection of the
environment and that does not have the potential to cause significant effects on the
environment. Consequently, it is categorically exempt in accordance with CEQA
Guidelines §§ 15301 as a minor alteration of existing public or private structures
involving no expansion of use; 15305 as a minor alteration in land use limitations which
do not result in any changes in land use or density; and 15308 as an action taken by a
regulatory agency as authorized by California law to assure maintenance or protection
of the environment.

SECTION 5: SAVINGS CLAUSE. Repeal or amendment of any provision of the ESMC
or any other city regulation does will not affect any penalty, forfeiture, or liability incurred
before, or preclude prosecution and imposition of penalties for any violation occurring
before, this Ordinance's effective date. Any such repealed part will remain in full force
and effect for sustaining action or prosecuting violations occurring before the effective
date of this Ordinance.

SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is deemed
invalid by a court of competent jurisdiction, the city council intends that such invalidity
will not affect the effectiveness of the remaining provisions or applications and, to this
end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance
or its application is deemed invalid by a court of competent jurisdiction, any repeal of the
ESMC or other the city ordinance by this Ordinance will be rendered void and cause
such ESMC provision or other the city ordinance to remain in full force and effect for all
purposes.

SECTION 8: The City Clerk is directed to certify the passage and adoption of this
Ordinance; cause it to be entered into the City of El Segundo's book of original
ordinances; make a note of the passage and adoption in the records of this meeting;
and, within fifteen (15) days after the passage and adoption of this Ordinance, cause it to be published or posted in accordance with California law.

SECTION 9: This Ordinance will become effective on January 1, 2014.

PASSED AND ADOPTED this _____ day of __________, 2013.

__________
Bill Fisher, Mayor
ATTEST:
STATE OF CALIFORNIA )
COUNTY OF LOS ANGELES ) SS
CITY OF EL SEGUNDO )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. _______ was duly introduced by said City Council at a regular meeting held on the _____ day of ________________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _____ day of ________________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

______________________________
Tracy Weaver, City Clerk

APPROVED AS TO FORM:
Mark D. Hensley, City Attorney

By: _____________________________
Karl H. Berger
Assistant City Attorney
ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2013 EDITION OF THE CALIFORNIA ENERGY CODE.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to adopt certain uniform codes that are set forth in Health and Safety Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code § 50022.2, et seq., the City may adopt other uniform codes by reference;

C. It is in the public interest to adopt the 2013 Edition of the California Energy Code ("CEC");

D. At least one copy of the CEC was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing.

SECTION 2: Chapter 15 to Title 13 of the El Segundo Municipal Code ("ESMC") is amended in its entirety to read as follows:

CHAPTER 15

ENERGY CODE

SECTION:


SECTION 3: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION.
The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., "CEQA") and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the "CEQA Guidelines") because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.

SECTION 5: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance's effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 8: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of __________, 2013.

Bill Fisher,
Mayor
I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. _____ was duly introduced by said City Council at a regular meeting held on the _____ day of _____________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _____ day of _____________, 2013, and the same was so passed and adopted by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

______________________________
Tracy Weaver, City Clerk
ORDINANCE NO. ______

AN ORDINANCE INCORPORATING THE 2013 CALIFORNIA RESIDENTIAL CODE ("CRC") BY REFERENCE AND AMENDING THE CRC BASED UPON LOCAL CLIMATIC, TOPOGRAPHIC, AND GEOLOGICAL CONDITIONS.

The council of the city of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. In accord with Health & Safety Code § 17958.7, it is in the public interest to adopt the California Residential Code ("CRC") with the changes set forth in this Ordinance.

B. Pursuant to the requirements of Health & Safety Code Section 17958.7, the City Council finds that there are local geological conditions justifying the CRC amendments set forth below.

The City of El Segundo and the greater Los Angeles region is a densely populated area having buildings and structures constructed over and near a vast array of fault systems capable of producing major earthquakes, including but not limited to the recent 1994 Northridge Earthquake. The proposed modifications emphasize that the design concern is for seismic-force-resisting elements and therefore need to be incorporated into the code to assure that new buildings and structures and additions or alterations to existing buildings or structures are designed and constructed in accordance with the scope and objectives of the International Building Code. Experts predict a major earthquake in our area within the next 50 years. This situation creates the need for both additional fire protection measures and automatic on-site fire protection of building occupants since a multitude of fires may result from breakage of gas and electric lines as a result of an earthquake. After due consideration, the City Council finds and determines that due to local climatic, geological, or topographical conditions, the structural and fire protection amendments to the 2013 CRC are necessary to give buildings a reasonable degree of structural integrity and fire life safety to help protect public health and safety in the event of a seismic event;

Additional amendments have been made to Codes are hereby found to be either administrative or procedural in nature or concern themselves with subjects not covered in such Codes. The changes made include provisions making each of said Codes compatible with other Codes enforced by the City.

C. The specific amendments of the CRC that fulfill this requirement are:

1. Amend CRC Section R105.2 Work exempt from permit
2. Amend CRC Section R105.3.2 Expiration of Plan Check
3. Amend CRC Section R105.5 Expiration of Permits
4. Add CRC section R109.5 Re-inspections
5. Amend CRC Section 112.3 Board of appeals
6. Amend CRC Section R301.1.3.2 Wood frame Structures
7. Amend CRC Table R301.2.2.1.1 and Section R301.2.2.1.2 Seismic Design Category
8. Amend CRC Section R301.2.2.2.5 Irregular Buildings
9. Amend CRC Section R301.2.2.3.8 Anchorage of Equipment
10. Amend CRC Section R401.1 Foundation Application
11. Amend CRC Section R403.1 General Footings
12. Amend CRC Section R404.2 Wood Foundation Walls
13. Amend CRC Section R501.1 Application
14. Amend CRC Section R503.2.4 Openings In Horizontal Diaphragms
15. Amend CRC Table R602.3(1) Fastener Schedule
16. Amend CRC Table R602.3(2) Alternate Attachment
17. Amend CRC Table R602.10.1.3(3) and Table R602.10.1.3(4) Bracing Requirement
18. Amend CRC Table R692.10.1.(4) Intermittent Bracing
19. Amend CRC Table R602.10.1.(5) Minimum Length of Braced Wall Panels
20. Amend CRC Figure R602.10.6.1 Alternate Braced Wall Panel
21. Amend CRC Figure R602.10.6.2 Portal Frame
22. Amend CRC Figure R602.10.6.4 Continuous Sheathed Portal Frame
23. Delete CRC Section R602.10.9.1 Braced Wall Panel
24. Amend CRC Section R606.2.4 Parapet Walls
25. Amend CRC Section R606.12.2.2.3 Reinforcement for Masonry
26. Amend CRC Section R602.3.2 Single Top Plate
27. Amend CRC Section R803.2.4 Openings in Horizontal Diaphragms
28. Amend CRC Section R1001.3.1 Vertical Reinforcing
D. At least one copy of the CBC was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing.

SECTION 2: El Segundo Municipal Code ("ESMC") § 13-16-1 is added in its entirety to read as follows:

CHAPTER 16
RESIDENTIAL CODE

13-16-1: California Residential Code Adopted
13-16-2: Amendments to California Residential Code


SECTION 3: ESMC § 13-16-2 is added to read as follows:

“13-16-2: AMENDMENTS TO THE CALIFORNIA RESIDENTIAL CODE:

Number 14 is added to Section 105.2 of the 2013 Edition of the California Residential Code:

Section R105.2 Work exempt from permit.

14. Block wall and concrete fences not over 3 ft 6 inches.
Section R105.3.2 of the 2013 Edition of the California Residential Code is hereby amended to read as follows:

SECTION 105.3.2 EXPIRATION OF PLAN CHECK.

An application for a permit for any proposed work shall be deemed to have been abandoned 12 months after the date of filing and no permit shall be issued until the plans are rechecked and approved and a new fee is paid.

EXCEPTION: The Building Official may grant extensions of time if a permit applicant submits in writing sufficient evidence that unusual conditions or circumstances precluded the securing of the permit within the allocated time.

Section R105.5 of the 2013 Edition of the California Residential Code:

SECTION 105.5 EXPIRATION OF PERMITS.

Every permit issued shall be valid for a period of three (3) years from the date thereof, provided that any permit shall expire on the one hundred and eightieth (180) day from date of issuance if the work permitted there under has not been commenced; or shall expire whenever the Department determines the work authorized by any permit has been suspended, discontinued or abandoned for a continuous period of 180 days.
EXCEPTION: The Building Official may grant extensions of time if a permit applicant submits in writing sufficient evidence that unusual conditions or circumstances precluded from the work being completed. An extension of time may require conditions of approval and additional fees.

Section 109.5 of Division II of Chapter 1 of the CBC is hereby added to read as follows:
Section 109.5 Re-inspections. A re-inspection fee in the amount set by the building official may be assessed for each inspection or re-inspection when such portion of work for which inspection is called is not complete or when corrections called are not made. This section is not to be interpreted as requiring re-inspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for such inspection or re-inspection. Re-inspection fees may be assessed when the inspection record card is not posted or otherwise available on the work site, the approved plans are not readily available to the inspector, for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the building official. In instances where re-inspection fees have been assessed, no additional inspection of the work will be performed until required fees have been paid.

Section R112.3 Board of Appeals.

The board of appeals shall consist of members of the Planning Commission. The term of a board of appeals member will coincide with the term of service as a Planning Commissioner and will terminate should the member cease serving as a Planning Commissioner. The building official is the secretary to the board. The board may adopt reasonable rules and regulations for conducting its investigations and will render all its decisions and findings on contested matters, in writing to the building official, with a duplicate copy for any appellant or contestant affected by such decision or finding, and may recommend to the city council appropriate new legislation.

Three members of the board constitute a quorum. The Planning Chairperson is the board's chairperson and in the chairperson's absence the board will select a temporary chairperson.

The city will assess a $250.00 charge, or a higher amount set by resolution, at the time that an appellant file appeal of any order, decisions, or determination made by the building official relative to the application and interpretation of this code. The filing fee is refundable should the appellant prevail in a decision by the board. The appeal must be taken by filing a written notice of appeal, in letterform, to the board of appeals. The board's decision constitutes the city's final decision.
Section R301.1.3.2 of the 2013 Edition of the California Residential Code is amended to read as follows:

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

The building official shall require construction documents to be approved and stamped by a California licensed architect or engineer for all dwellings of woodframe construction more than one story in height or with a basement located in Seismic Design Category D₂, D₁, D₂ or E.
Table R301.2.2.1.1 and Section R301.2.2.1.2 of the 2013 Edition of the California Residential Code are amended to read as follows:

**TABLE R301.2.2.1.1**

<table>
<thead>
<tr>
<th>CALCULATED S&lt;sub&gt;ds&lt;/sub&gt;</th>
<th>SEISMIC DESIGN CATEGORY</th>
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<tr>
<td>S&lt;sub&gt;ds&lt;/sub&gt; ≤ 0.17g</td>
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<td>D&lt;sub&gt;1&lt;/sub&gt;</td>
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<tr>
<td>0.83g &lt; S&lt;sub&gt;ds&lt;/sub&gt; ≤ 1.00g</td>
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<tr>
<td>1.00g &lt; S&lt;sub&gt;ds&lt;/sub&gt;</td>
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**R301.2.2.1.2 Alternative determination of Seismic Design Category E.**

Buildings located in Seismic Design Category E in accordance with Figure R301.2(2) are permitted to be reclassified as being in Seismic Design Category D<sub>2</sub> provided one of the following is done:

1. A more detailed evaluation of the seismic design category is made in accordance with the provisions and maps of the *California Building Code*. Buildings located in Seismic Design Category E per Table R301.2.2.1.1, but located in Seismic Design Category D per the *California Building Code*, may be designed using the Seismic Design Category D<sub>2</sub> requirements of this code.

2. Buildings located in Seismic Design Category E that conform to the following additional restrictions are permitted to be constructed in accordance with the provisions for Seismic Design Category D<sub>2</sub> of this code:
   
   2.1. All exterior shear wall lines or braced wall panels are in one plane vertically from the foundation to the uppermost story.
   
   2.2. Floors shall not cantilever past the exterior walls.
   
   2.3. The building is within all of the requirements of Section R301.2.2.2.5 for being considered as regular.
   
   1.4. For buildings over one story in height, the calculated S<sub>ds</sub> shall not exceed 1.25g.

Items 1, 3 and 5 of Section R301.2.2.2.5 of the 2013 Edition of the California Residential Code are amended to read as follows:

**R301.2.2.2.5 Irregular Buildings**

When exterior shear wall lines or braced wall panels are not in one plane vertically from the foundation to the uppermost story in which they are required.

3. When the end of a braced wall panel occurs over an opening in the wall below

5. When portions of a floor level are vertically offset.
Section R301.2.2.3.8 is added to Chapter 3 of the 2013 Edition of the California Residential Code to read as follows:

R301.2.2.3.8 Anchorage of Mechanical, Electrical, or Plumbing Components and Equipment.
Mechanical, electrical, or plumbing components and equipment shall be anchored to the structure. Anchorage of the components and equipment shall be designed to resist loads in accordance with the International Building Code and ASCE 7, except where the component is positively attached to the structure and flexible connections are provided between the component and associated ductwork, piping, and conduit; and either

1. The component weighs 400 lb (1,780 N) or less and has a center of mass located 4 ft (1.22 m) or less above the supporting structure; or

2. The component weighs 20 lb (89N) or less or, in the case of a distributed system, 5 lb/ft (73 N/m) or less.
Section R401.1 of the 2013 Edition of the California Residential Code is amended to read as follows:

R401.1 Application.
The provisions of this chapter shall control the design and construction of the foundation and foundation spaces for all buildings. In addition to the provisions of this chapter, the design and construction of foundations in areas prone to flooding as established by Table R301.2(1) shall meet the provisions of Section R322. Wood foundations shall be designed and installed in accordance with AF&PA PWF.

Exception: The provisions of this chapter shall be permitted to be used for wood foundations only in the following situations:

1. In buildings that have no more than two floors and a roof.

2. When interior basement and foundation walls are constructed at intervals not exceeding 50 feet (15 240 mm).

Wood foundations in Seismic Design Category D₀, D₁ or D₂ shall not be permitted.

Exception: In non-occupied, single-story, detached storage sheds and similar uses other than carport or garage, provided the gross floor area does not exceed 200 square feet, the plate height does not exceed 12 feet in height above the grade plane at any point, and the maximum roof projection does not exceed 24 inches.

Sections R403.1.2, R403.1.3 and R403.1.5 of the 2013 Edition of the California Residential Code are amended to read as follows:

R403.1.2 Continuous footing in Seismic Design Categories D₀, D₁, and D₂.
The braced wall panels at exterior walls of buildings located in Seismic Design Categories D₀, D₁ and D₂ shall be supported by continuous footings. All required interior braced wall panels in buildings shall be supported by continuous footings.

R403.1.3 Seismic reinforcing.
Concrete footings located in Seismic Design Categories D₀, D₁ and D₂, as established in Table R301.2(1), shall have minimum reinforcement. Bottom reinforcement shall be located a minimum of 3 inches (76 mm) clear from the bottom of the footing.

In Seismic Design Categories D₀, D₁ and D₂ where construction joint is created between a concrete footing and a stem wall, a minimum of one No. 4 bar shall be installed at not more than 4 feet (1219 mm) on center. The vertical bar shall extend to 3 inches (76 mm) clear of the bottom of the footing, have a standard hook and extend a minimum of 14 inches (357 mm) into the stem wall.

In Seismic Design Categories D₀, D₁ and D₂ where a grouted masonry stem wall is supported on a concrete footing and stem wall, a minimum of one No. 4 bar shall be installed at not more than 4 feet (1219 mm) on center. The vertical bar shall extend to 3 inches (76 mm) clear of the bottom of the footing and have a standard hook.

In Seismic Design Categories D₀, D₁ and D₂ masonry stem walls without solid grout and vertical reinforcing are not permitted.

Exception: In detached one- and two-family dwellings located in Seismic Design Category A, B or C which are three stories or less in height and constructed with stud bearing walls, isolated plain concrete footings, supporting columns or pedestals are permitted.
R403.1.5 Slope. The top surface of footings shall be level. The bottom surface of footings shall be permitted to have a slope not exceeding one unit vertical in 10 units horizontal (10-percent slope). Footings shall be stepped where it is necessary to change the elevation of the top surface of the footing or where the surface of the ground slopes more than one unit vertical in 10 units horizontal (10-percent slope).

For structures located in Seismic Design Categories D<sub>0</sub>, D<sub>1</sub> or D<sub>2</sub>, stepped footings shall be reinforced with four No. 4 rebar. Two bars shall be placed at the top and bottom of the footings as shown in Figure R403.1.5.

![Diagram of stepped footing](image)

**STEPED FOUNDATIONS**

**FIGURE R403.1.5**

**STEPPED FOOTING**
Section R404.2 of the 2013 Edition of the California Residential Code is amended to read as follows:

R404.2 Wood foundation walls. Wood foundation walls shall be constructed in accordance with the provisions of Sections R404.2.1 through R404.2.6 and with the details shown in Figures R403.1(2) and R403.1(3). Wood foundation walls shall not be used for structures located in Seismic Design Category D₀, D₁ or D₂.
Section R501.1 of the 2013 Edition of the California Residential Code is amended to read as follows:

**R501.1 Application.**
The provisions of this chapter shall control the design and construction of the floors for all buildings including the floors of attic spaces used to house mechanical or plumbing fixtures and equipment. Mechanical or plumbing fixtures and equipment shall be attached (or anchored) to the structure in accordance with Section R301.2.2.3.8
Section R503.2.4 is added to Chapter 5 of the 2013 Edition of the California Residential Code to read as follows:

**R503.2.4 Openings in horizontal diaphragms.**
Openings in horizontal diaphragms with a dimension perpendicular to the joist that is greater than 4 feet (1.2 m) shall be constructed in accordance with Figure R503.2.4.

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**FIGURE R503.2.4**
**OPENINGS IN HORIZONTAL DIAPHRAGMS**

---

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

a. Blockings shall be provided beyond headers.
b. Metal ties not less than 0.056 inch [1.47 mm (16 galvanized gage)] by 1.5 inches (38 mm) wide with eight 16d common nails on each side of the header-joist intersection. The metal ties shall have a minimum yield of 53,000 psi (227 MPa).
c. Openings in diaphragms shall be further limited in accordance with Section R301.2.2.2.5.
Lines 37 and 38 of Table R602.3(1) of the 2013 Edition of the California Residential Code are amended to read as follows:

### Table R602.3(1)—continued

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION OF BUILDING MATERIALS</th>
<th>DESCRIPTION OF FASTENERS&lt;sup&gt;a, b&lt;/sup&gt;</th>
<th>SPACING OF FASTENERS&lt;sup&gt;a, c&lt;/sup&gt;</th>
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<tr>
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<td>Edges (inches)&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Intermediate supports (inches)&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
</tbody>
</table>
| 32    | 1/4"- 1/4"                        | 6d common 2 1/4" x 0.113"
|       |                                  | 8d common 2 1/4" x 0.131"
| 33    | 1/4"- 1/4"                        | 8d common 2 1/4" x 0.131"
| 34    | 1/4"- 1/4"                        | 10d common 3 1/4" x 0.148"
|       |                                  | 8d 2 1/4" x 0.131"
|       |                                  | Deformed nail |
| 35    | 1/4" structural celullose fiberboard sheathing | 1/4" galvanized roofing nail, 1/4" crown or 1" crown | 3 |
|       |                                  | Staple 16 ga., 1/4" long |
| 36    | 1/4" structural celullose fiberboard sheathing | 1/4" galvanized roofing nail, 1/4" crown or 1" crown | 3 |
|       |                                  | Staple 16 ga., 1/4" long |
| 37<sup>a</sup> | 1/4" gypsum sheathing | 1/4" galvanized roofing nail; staple galvanized, 1/4" long; 1/4" screws, Type W or S | 7 |
| 38<sup>a</sup> | 1/4" gypsum sheathing | 1/4" galvanized roofing nail; staple galvanized, 1/4" long; 1/4" screws, Type W or S | 7 |

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION OF BUILDING MATERIALS</th>
<th>DESCRIPTION OF FASTENERS&lt;sup&gt;a, b&lt;/sup&gt;</th>
<th>SPACING OF FASTENERS&lt;sup&gt;a, c&lt;/sup&gt;</th>
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<tr>
<td></td>
<td></td>
<td>Edges (inches)&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Intermediate supports (inches)&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
</tbody>
</table>
| 39    | 1/4" and less                     | 6d deformed 2 1/4" x 0.120"
|       |                                  | 8d common 2 1/4" x 0.131"
| 40    | 1/4"- 1/4"                        | 8d common 2 1/4" x 0.131"
|       |                                  | 8d deformed 2 1/4" x 0.120"
| 41    | 1/4"- 1/4"                        | 10d common 3 1/4" x 0.148"
|       |                                  | 8d deformed 2 1/4" x 0.120"

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s, 1 KPa = 0.095 MPa.

a. All nails are smooth-common, box or deformed shank except where otherwise stated. Nails used for framing and sheathing connections shall have minimum average bonding yield strength at: 90 ksi for shank diameter of 0.192 inch (20d common nail), 90 ksi for shank diameters larger than 0.142 inch but not larger than 0.177 inch, and 100 ksi for shank diameters of 0.142 inch or less.
b. Staples are 16 gauge wire and have a minimum 1/4"-inch on diameter crown width.
c. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.
d. Four-foot by 8-foot or 4-foot by 9-foot panels shall be applied vertically.
e. Spacing of fasteners not included in this table shall be based on Table R602.3(2).
f. For regions having basic wind speed of 110 mph or greater, 8d deformed (2 1/4" x 0.120") nails shall be used for attaching plywood and wood structural panel roof sheathing to framing within minimum 48-inch distance from gable end walls. If the mean roof height is more than 25 feet, up to 35 feet maximum.
g. For regions having basic wind speed of 100 mph or less, nails for attaching wood structural panel roof sheathing to gable end wall framing shall be spaced 6 inches on center. When basic wind speed is greater than 100 mph, nails for attaching panel roof sheathing to intermediate supports shall be spaced 6 inches on center for minimum 48-inch distance from ridge, eave and gable end walls; and 4 inches on center to gable end wall framing.
h. Gypsum sheathing shall conform to ASTM C 1396 and shall be installed in accordance with GA 253. Fiberoad sheathing shall conform to ASTM C 208.
i. Spacing of fasteners on roof sheathing panel edges applies to panel edges supported by framing members and required blocking. Blocking of roof or floor sheathing panel edges perpendicular to the framing members need not be provided except as required by other provisions of this code. Floor perimeter shall be supported by framing members or solid blocking.
j. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule, provide two toe nails on one side of the rafter and tee nails from the ceiling joist to top plate in accordance with this schedule. The tee nail on the opposite side of the rafter shall not be required.

<sup>a</sup> Use of staples in braced wall panels shall be prohibited in Seismic Design Category D₁, D₂, or D₃.

Footnote "b" of Table R602.3(2) of the 2013 Edition of the California Residential Code is amended to read as follows:

Table R602.3(2) Alternate Attachments to Table R602.3(1)
b. Staples shall have a minimum crown width of 7/16-inch on diameter except as noted. Use of staples in roof, floor, subfloor, and braced wall panels shall be prohibited in Seismic Design Category D₀, D₁, or D₂.
Table R602.10.3(3) of the 2013 Edition of the California Residential Code is amended to read as follows:

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

- **SOIL CLASS D**
- WALL HEIGHT = 10 FEET
- 10 PSF FLOOR DEAD LOAD
- 15 PSF ROOF/CEILING DEAD LOAD
- BRACED WALL LINE SPACING ≤ 25 FEET

| Seismic Design Category | Story Location | Braced Wall Line Length (feet) | Method LIB | Method GB | Methods DWB, SFH, PBS, PCP, 
| HPS, CS-SF, CS-G | Method WSP | Methods CS-WSP, CS-G |
|------------------------|----------------|-------------------------------|------------|-----------|--------------------------------|
| C                      | 10             | 2.5                           | 2.5        | 2.5       | 1.6    | 1.4 |
|                        | 20             | 5.0                           | 5.0        | 5.0       | 3.2    | 2.7 |
|                        | 30             | 7.5                           | 7.5        | 7.5       | 4.8    | 4.1 |
|                        | 40             | 10.0                          | 10.0       | 10.0      | 6.4    | 5.4 |
|                        | 50             | 12.5                          | 12.5       | 12.5      | 8.0    | 6.8 |
| (townhouses only)      | 10             | NP                            | 4.5        | 4.5       | 3.0    | 2.6 |
|                        | 20             | NP                            | 9.0        | 9.0       | 6.0    | 5.1 |
|                        | 30             | NP                            | 13.5       | 13.5      | 9.0    | 7.7 |
|                        | 40             | NP                            | 18.0       | 18.0      | 12.0   | 10.2 |
|                        | 50             | NP                            | 22.5       | 22.5      | 15.0   | 12.8 |
|                        | 10             | NP                            | 6.0        | 6.0       | 4.5    | 3.8 |
|                        | 20             | NP                            | 12.0       | 12.0      | 9.0    | 7.7 |
|                        | 30             | NP                            | 18.0       | 18.0      | 13.5   | 11.5 |
|                        | 40             | NP                            | 24.0       | 24.0      | 18.0   | 15.3 |
|                        | 50             | NP                            | 30.0       | 30.0      | 22.5   | 19.1 |
| **D_o**                | 10             | NP                            | -4.9 - 5.8 | -4.9 - 5.8 | 1.8  | 1.6 |
|                        | 20             | NP                            | -3.9 - 11.0 | -3.9 - 11.0 | 3.6  | 3.1 |
|                        | 30             | NP                            | -6.8 - 15.6 | -6.8 - 15.6 | 5.4  | 4.6 |
|                        | 40             | NP                            | -11.0 - 22.0 | -11.0 - 22.0 | 7.2  | 6.1 |
|                        | 50             | NP                            | -13.0 - 27.0 | -13.0 - 27.0 | 9.0  | 7.7 |
|                        | 10             | NP                            | -5.0 - NP | -5.0 - NP | 3.8    | 3.2 |
|                        | 20             | NP                            | -10.0 - NP | -10.0 - NP | 7.5    | 6.4 |
|                        | 30             | NP                            | -14.0 - NP | -14.0 - NP | 11.3   | 9.6 |
|                        | 40             | NP                            | -21.0 - NP | -21.0 - NP | 15.0   | 12.8 |
|                        | 50             | NP                            | -26.0 - NP | -26.0 - NP | 18.8   | 16.0 |
|                        | 10             | NP                            | -7.0 - NP | -7.0 - NP | 5.3    | 4.5 |
|                        | 20             | NP                            | -14.0 - NP | -14.0 - NP | 10.5   | 9.0 |
|                        | 30             | NP                            | -21.0 - NP | -21.0 - NP | 15.8   | 13.4 |
|                        | 40             | NP                            | -29.0 - NP | -29.0 - NP | 21.0   | 17.9 |
|                        | 50             | NP                            | -36.0 - NP | -36.0 - NP | 26.3   | 22.3 |

(continued)
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<tr>
<th>Seismic Design Category</th>
<th>Story Location</th>
<th>Braced Wall Line Length (feet)</th>
<th>Method LIB</th>
<th>Method GB</th>
<th>Method DWB, SFB, PBS, PCP, HPS, CS-SPF</th>
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<th>Methods CS-SPF, CS-G</th>
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</tr>
<tr>
<td></td>
<td></td>
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<td>NP</td>
<td>30.0</td>
<td>10.0</td>
<td>30.0</td>
<td></td>
</tr>
<tr>
<td>D1</td>
<td></td>
<td>10</td>
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<td>20</td>
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<td>12.0</td>
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<td>12.0</td>
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<td></td>
<td></td>
<td>30</td>
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<td>13.5</td>
<td>16.0</td>
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<tr>
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<td>18.0</td>
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<tr>
<td></td>
<td></td>
<td>50</td>
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<td>30.0</td>
<td>22.5</td>
<td>30.0</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>10</td>
<td>NP</td>
<td>7.0</td>
<td>5.1</td>
<td>7.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20</td>
<td>NP</td>
<td>13.0</td>
<td>10.2</td>
<td>13.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>NP</td>
<td>19.5</td>
<td>15.3</td>
<td>19.5</td>
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<tr>
<td></td>
<td></td>
<td>40</td>
<td>NP</td>
<td>29.5</td>
<td>20.4</td>
<td>29.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>50</td>
<td>NP</td>
<td>39.5</td>
<td>25.5</td>
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<td></td>
<td>10</td>
<td>NP</td>
<td>8.0</td>
<td>2.5</td>
<td>8.0</td>
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<td></td>
<td></td>
<td>20</td>
<td>NP</td>
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<td>5.0</td>
<td>16.0</td>
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</tr>
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<td>30</td>
<td>NP</td>
<td>24.0</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>40</td>
<td>NP</td>
<td>32.0</td>
<td>10.0</td>
<td>32.0</td>
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<td>12.5</td>
<td>40.0</td>
<td></td>
</tr>
<tr>
<td>D2</td>
<td></td>
<td>10</td>
<td>NP</td>
<td>7.5</td>
<td>5.5</td>
<td>7.5</td>
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<td></td>
<td></td>
<td>20</td>
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<td>11.0</td>
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<td></td>
<td>30</td>
<td>NP</td>
<td>22.5</td>
<td>16.5</td>
<td>22.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>40</td>
<td>NP</td>
<td>30.0</td>
<td>22.5</td>
<td>30.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>50</td>
<td>NP</td>
<td>37.5</td>
<td>27.5</td>
<td>37.5</td>
<td></td>
</tr>
</tbody>
</table>

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

a. Linear interpolation shall be permitted.
b. Wall bracing lengths are based on a soil site class "D." Interpretation of bracing length between the S_0 values associated with the Seismic Design Categories shall be permitted when a site-specific S_0 value is determined in accordance with Section 1613.3 of the International Building Code.
c. Method LIB shall have gypsum board fastened to at least one side with nails or screws per Table R602.3.1 for exterior sheathing or Table R302.3.5 for interior gypsum board. Spacing of fasteners at panel edges shall not exceed 8 inches.
d. Method CS-SPF applies in SDC C only.
e. Methods GB and PCP braced wall panel h/w ratio shall not exceed 1:1 in SDC C0, D1, or D2. Methods DWB, SFB, PBS, and HPS are not permitted in SDC C0, D1, or D2.
Table R602.10.4 of the 2013 Edition of the California Residential Code is amended to read as follows:

<table>
<thead>
<tr>
<th>TABLE R602.10.4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>METHODS, MATERIAL</strong></td>
</tr>
<tr>
<td><strong>LIF</strong> Let-in-bracing</td>
</tr>
<tr>
<td><strong>DWB</strong> Diagonal wood boards</td>
</tr>
<tr>
<td><strong>WSP</strong> Wood structural panel (See Section R604)</td>
</tr>
<tr>
<td><strong>ECWS</strong> Wood Structural Panels with Stone or Masonry Veneer (See Section R602.10.6.5)</td>
</tr>
<tr>
<td><strong>SFR</strong> Structural fiberboard sheathing</td>
</tr>
<tr>
<td><strong>GB</strong> Gypsum board</td>
</tr>
<tr>
<td><strong>PB</strong> Particleboard sheathing (See Section R605)</td>
</tr>
<tr>
<td><strong>PCP</strong> Portland cement plaster</td>
</tr>
<tr>
<td><strong>BPS</strong> Hardboard panel siding</td>
</tr>
<tr>
<td><strong>ABW</strong> Alternate braced wall</td>
</tr>
</tbody>
</table>

(continued)
<table>
<thead>
<tr>
<th>METHODS, MATERIAL</th>
<th>MINIMUM THICKNESS</th>
<th>FIGURE</th>
<th>CONNECTION CRITERIA¹</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Fasteners</td>
</tr>
<tr>
<td>PFIH</td>
<td>7/16&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portal frame with hold-downs</td>
<td></td>
<td></td>
<td>See Section R602.10.6.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PFG</td>
<td>7/16&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portal frame at garage</td>
<td></td>
<td></td>
<td>See Section R602.10.6.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS-WSP</td>
<td>9/16&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuously sheathed wood structural panel</td>
<td></td>
<td></td>
<td>See Method CS-WSP</td>
</tr>
<tr>
<td></td>
<td>15/32&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9d common 2 1/2&quot; x 12&quot; nails</td>
<td>8d common 2 1/2&quot; x 12&quot; nails</td>
<td>Exterior sheathing per Table R602.2.34</td>
</tr>
<tr>
<td></td>
<td>30&quot; edge distance to panel edge</td>
<td>30&quot; edge distance to panel edge</td>
<td>Interior sheathing per Table R602.2.11 or R602.2.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS-G²</td>
<td>7/16&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuously sheathed wood structural panel adjacent to garage openings</td>
<td></td>
<td></td>
<td>See Method CS-WSP</td>
</tr>
<tr>
<td></td>
<td>15/32&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9d common 2 1/2&quot; x 12&quot; nails</td>
<td>8d common 2 1/2&quot; x 12&quot; nails</td>
<td>Exterior sheathing per Table R602.2.34</td>
</tr>
<tr>
<td></td>
<td>30&quot; edge distance to panel edge</td>
<td>30&quot; edge distance to panel edge</td>
<td>Interior sheathing per Table R602.2.11 or R602.2.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS-FT</td>
<td>7/16&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuously sheathed portal frame</td>
<td></td>
<td></td>
<td>See Section R602.10.6.4</td>
</tr>
<tr>
<td></td>
<td>15/32&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9d common 2 1/2&quot; x 12&quot; nails</td>
<td>8d common 2 1/2&quot; x 12&quot; nails</td>
<td>Exterior sheathing per Table R602.2.34</td>
</tr>
<tr>
<td></td>
<td>30&quot; edge distance to panel edge</td>
<td>30&quot; edge distance to panel edge</td>
<td>Interior sheathing per Table R602.2.11 or R602.2.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS-SPB³</td>
<td>7/16&quot; or 3/16&quot; for maximum 16 stud spacing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuously sheathed structural fiberboard</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Footnotes:

1. Applies to ponds next to garage door opening when supporting gable end wall or roof load only. May only be used on one wall of the garage. In Seismic Design Categories D₅, D₆, and D₇ roof covering dead load may not exceed 8 psf.
2. Garage openings adjacent to a Method CS-G panel shall be provided with a header in accordance with Table R502.5(1). A full height clear opening shall not be permitted adjacent to a Method CS-G panel.
3. Method CS-SPB does not apply in Seismic Design Categories D₅, D₆, and D₇ and in areas where the wind speed exceeds 100 mph.
4. Method applies to detached one- and two-family dwellings in Seismic Design Categories D₅ through D₇ only.
5. Use of steel in braced wall panels shall be prohibited in SDC D₅, D₆, or D₇.
Figure R602.10.6.1 of the 2013 Edition of the California Residential Code is amended to read as follows:

**METHOD ABW—ALTERNATE BRACED WALL PANEL**

- **Panel Length:** Per Table R602.10.5
- **Top Plate:** Shall be continuous over braced wall panel
- **For Panel Splice (if needed):** Adjoining panel edges shall meet over and be fastened to common framing
- **Common- or Finishing-Nails:** @ 4" O.C. at panel edges, for single story and @ 4" O.C. panel edges for the first of 2 stories
- **Studs under header as required**
- **Common- or Finishing-Nails:** @ 12" O.C. at interior supports
- **Minimum reinforcing of foundation:** One #2 bar top and bottom lap bars ≥ minimum, 24" minimum
- **Minimum footing size under opening:** Is 12" x 12". Turned-down side shall be permitted at door opening
Figure R602.10.6.2 of the 2013 Edition of the California Residential Code is amended to read as follows:

**Figure R602.10.6.2**

**METHOD PFH—PORTAL FRAME WITH HOLD-DOWNS**

**AT DETACHED GARAGE DOOR OPENINGS**
Table R602.10.5 of the 2013 Edition of the California Residential Code is amended to read as follows:

<table>
<thead>
<tr>
<th>METHOD (See Table R602.10.4)</th>
<th>MINIMUM LENGTH (inches)</th>
<th>CONTRIBUTING LENGTH (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8 feet</td>
<td>9 feet</td>
</tr>
<tr>
<td>DWB, WSP, SF, PB, PCP, HPS, BV-WSP</td>
<td>48</td>
<td>48</td>
</tr>
<tr>
<td>GB</td>
<td>48</td>
<td>48</td>
</tr>
<tr>
<td>LIB</td>
<td>55</td>
<td>62</td>
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<tr>
<td>ABW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SDC A, B and C, wind speed &lt; 110 mph</td>
<td>28</td>
<td>32</td>
</tr>
<tr>
<td>SDC D, D₁, and D₂, wind speed &lt; 110 mph</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>PFH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supporting roof only</td>
<td>+4/24</td>
<td>+6/24</td>
</tr>
<tr>
<td>Supporting one story and roof</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>PFG</td>
<td>24</td>
<td>27</td>
</tr>
<tr>
<td>CS-G</td>
<td>24</td>
<td>27</td>
</tr>
<tr>
<td>CS-FI²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjacent clear opening height (inches)</td>
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<td></td>
</tr>
<tr>
<td>≤ 64</td>
<td>24</td>
<td>27</td>
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<td>68</td>
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<td>136</td>
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<td>140</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>144</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s.

NP = Not Permitted.

a. Lineal interpolation shall be permitted.
b. Use the actual length when it is greater than or equal to the minimum length.
c. Maximum header height for PFH is 10 feet in accordance with Figure R602.10.6.2, but wall height may be increased to 12 feet with pony wall.
d. Maximum header height for PFG is 10 feet in accordance with Figure R602.10.6.3, but wall height may be increased to 12 feet with pony wall.
e. Maximum header height for CS-FI is 10 feet in accordance with Figure R602.10.6.4, but wall height may be increased to 12 feet with pony wall.
Figure R602.10.6.1 of the 2013 Edition of the California Residential Code is amended to read as follows:

- Panel length per Table R602 10.5
- Top plate shall be continuous over braced wall panel
- For panel splice if needed
- Adjoining panel edges shall meet over and be fastened to common framing
- 8d common or galvanized nails @ 6" O.C. at panel edges for single story and @ 4" O.C. panel edges for the first of 2 stories
- Studs under header as required
- 8d common or galvanized nails @ 12" O.C. at interior supports
- Min. reinforcing of foundation, one #1 bar top and bottom lap bars 4" minimum
- 24" minimum footing size under opening is 12' x 12', a parapet window shall be permitted for floor openings

**FIGURE R602.10.6.1**
**METHOD ABW—ALTERNATE BRACED WALL PANEL**
Figure R602.10.6.2 of the 2013 Edition of the California Residential Code is amended to read as follows:

**METHOD PFH—PORTAL FRAME WITH HOLD-DOWNS AT DETACHED GARAGE DOOR OPENINGS**
Figure R602.10.6.4 of the 2013 Edition of the California Residential Code is amended to read as follows:

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

FIGURE R602.10.6.4
METHOD CS-PF-CONTINUOUSLY SHEATHED PORTAL FRAME PANEL CONSTRUCTION
Section R602.10.9.1 of the 2013 Edition of the California Residential Code is deleted in its entirety.

Section R606.2.4 of the 2013 Edition of the California Residential Code is amended to read as follows:

**R606.2.4 Parapet walls.**
Unreinforced solid masonry parapet walls shall not be less than 8 inches (203 mm) thick and their height shall not exceed four times their thickness. Unreinforced hollow unit masonry parapet walls shall be not less than 8 inches (203 mm) thick, and their height shall not exceed three times their thickness. Masonry parapet walls in areas subject to wind loads of 30 pounds per square foot (1.44 kPa) or located in Seismic Design Category D0, D1, or D2, or on townhouses in Seismic Design Category C shall be reinforced in accordance with Section R606.12.

Section R606.12.2.2.3 of the 2013 Edition of the California Residential Code is amended to read as follows:

**R606.12.2.2.3 Reinforcement requirements for masonry elements.** Masonry elements listed in Section R606.12.2.2 shall be reinforced in either the horizontal or vertical direction as shown in Figure R606.11(3) and in accordance with the following:

1. Horizontal reinforcement. Horizontal joint reinforcement shall consist of Horizontal reinforcement shall be provided within 16 inches (406 mm) of the top and bottom of these masonry elements.

2. Vertical reinforcement. Vertical reinforcement shall consist of at least one No. 4 bar spaced not more than 48 inches (1219 mm). Vertical reinforcement shall be within 8 inches (406 mm) of the ends of masonry walls.
Exception of Section R602.3.2 of the 2013 Edition of the California Residential Code is amended to read as follows:

Exception: In other than Seismic Design Category D₀, D₁, or D₂, a single top plate may be installed in stud walls, provided the plate is adequately tied at joints, corners and interesting walls by a minimum 3-inch-by-6-inch by a 0.036-inch-thick (76 mm by 152 mm by 0.914 mm) galvanized steel plate that is nailed to each wall or segment of wall by six 8d nails on each side, provided the rafters or joists are centered over the studs with a tolerance of no more than 1 inch (25 mm). The top plate may be omitted over lintels that are adequately tied to adjacent wall sections with steel plates or equivalent as previously described.

Section R803.2.4 is added to Chapter 8 of the 2013 Edition of the California Residential Code to read as follows:

R803.2.4 Openings in horizontal diaphragms.
Openings in horizontal diaphragms shall conform with Section R503.2.4.

Section R1001.3.1 of the 2013 Edition of the California Residential Code is amended to read as follows:

R1001.3.1 Vertical reinforcing.
For chimneys up to 40 inches (1016 mm) wide, four No. 4 continuous vertical bars adequately anchored into the concrete foundation shall be placed between wythes of solid masonry or within the cells of hollow unit masonry and grouted in accordance with Section R609. Grout shall be prevented from bonding with the flue liner so that the flue liner is free to move with thermal expansion. For chimneys more than 40 inches (1016 mm) wide, two additional No. 4 vertical bars adequately anchored into the concrete foundation shall be provided for each additional flue incorporated into the chimney or for each additional 40 inches (1016 mm) in width or fraction thereof.

SECTION 3: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “State CEQA Guidelines”) because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment.

SECTION 4: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance’s effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.
SECTION 5: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 6: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 7: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of _______, 2013.

______________________________
Bill Fisher, Mayor

______________________________
Tracy Weaver
City Clerk

APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By: ________________________________
Karl H. Berger
Assistant City Attorney
ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 2013 EDITION OF THE CALIFORNIA GREEN BUILDING STANDARDS CODE.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to adopt certain uniform codes that are set forth in Health and Safety Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code § 50022.2, et seq., the City may adopt other uniform codes by reference;

C. It is in the public interest to adopt the 2013 Edition of the California Green Building Standards Code ("CGBSC");

D. At least one copy of the CGBSC was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing.

SECTION 2: Chapter 17 to Title 13 of the El Segundo Municipal Code ("ESMC") is amended in its entirety to read as follows:

CHAPTER 17

GREEN BUILDING STANDARDS CODE

SECTION:

13-17-1: California Green Building Standards Code Adopted.

SECTION 3: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “CEQA Guidelines”) because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.

SECTION 5: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance’s effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.
SECTION 8: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of ________ , 2013.

________________________
Bill Fisher,
Mayor

APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By: _______________________
Karl H. Berger
Assistant City Attorney

ATTEST:

STATE OF CALIFORNIA )
COUNTY OF LOS ANGELES ) SS
CITY OF EL SEGUNDO )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. ____ was duly introduced by said City Council at a regular meeting held on the ____ day of ____________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the ____ day of ______________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

________________________
Tracy Weaver, City Clerk
ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 1997 EDITION OF THE
UNIFORM HOUSING CODE.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to
adopt certain uniform codes that are set forth in Health and Safety
Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code § 50022.2, et seq., the City
may adopt other uniform codes by reference;

C. It is in the public interest to adopt the 1997 Edition of the
Uniform Housing Code;

D. At least one copy of the 1997 Uniform Housing Code was
filed with the City Clerk of the City was available for public
inspection for at least fifteen (15) days preceding the date of
the hearing

SECTION 2: Chapter 1 to Title 13 of the El Segundo Municipal Code ("ESMC")
is amended in its entirety to read as follows:

CHAPTER 1

HOUSING CODE

SECTION:

13-1-6: Uniform Housing Code Adopted.

13-1-6: ADOPTION OF THE UNIFORM HOUSING CODE
1997 EDITION. Pursuant to California Government Code §
50022.1 to 50022.8, the Uniform Housing Code, 1997 Edition,
published by the International Council of Building Officials is
adopted by reference, One true copy of the CPC, is on file in the
office of the Building Official and is available for public inspection as
required by law.
SECTION 4: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., "CEQA") and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the "CEQA Guidelines") because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.

SECTION 5: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance’s effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 8: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of ________, 2013.

_________________________
Bill Fisher,
Mayor
APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By: ________________________________
Karl H. Berger
Assistant City Attorney

ATTEST:

STATE OF CALIFORNIA )
COUNTY OF LOS ANGELES ) SS
CITY OF EL SEGUNDO )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. _____ was duly introduced by said City Council at a regular meeting held on the ______ day of ______________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the ______ day of ______________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

__________________________
Tracy Weaver, City Clerk
ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE 1997 EDITION OF THE UNIFORM CODE FOR THE ABATEMENT OF DANGEROUS BUILDINGS.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to adopt certain uniform codes that are set forth in Health and Safety Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code § 50022.2, et seq., the City may adopt other uniform codes by reference;

C. It is in the public interest to adopt the 1997 Edition of the Uniform Code for Abatement of Dangerous Buildings;

D. At least one copy of the 1997 Edition of the Uniform Code for the Abatement of Dangerous Buildings was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing

SECTION 2: Chapter 1 to Title 13 of the El Segundo Municipal Code ("ESMC") is amended in its entirety to read as follows:

CHAPTER 1

UNIFORM CODE FOR THE ABATEMENT OF DANGEROUS BUILDINGS

SECTION:


office of the Building Official and is available for public inspection as required by law.

SECTION 4: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “CEQA Guidelines”) because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.

SECTION 5: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance’s effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.

SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.
SECTION 8: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ____ day of __________, 2013.

Bill Fisher,
Mayor

APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By:
Karl H. Berger
Assistant City Attorney

ATTEST:

STATE OF CALIFORNIA   )
COUNTY OF LOS ANGELES   )    SS
CITY OF EL SEGUNDO     )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. ____ was duly introduced by said City Council at a regular meeting held on the ____ day of ______________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _______ day of ______________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

__________________________
Tracy Weaver, City Clerk
ORDINANCE NO. _____

AN ORDINANCE ADOPTING POST DISASTER ASSESSMENT STANDARDS.

The Council of the City of El Segundo does ordain as follows:

SECTION 1: FINDINGS. The City Council finds and declares as follows:

A. Health and Safety Code § 17958 requires the City is required to adopt certain uniform codes that are set forth in Health and Safety Code § 17922 and published in the California Code of Regulations;

B. Pursuant to Government Code § 50022.2, et seq., the City may adopt other uniform codes by reference;

C. It is in the public interest to adopt the Post Disaster Assessment Standards;

D. At least one copy of the Post Disaster Assessment Standards was filed with the City Clerk of the City was available for public inspection for at least fifteen (15) days preceding the date of the hearing.

SECTION 2: Chapter 1 to Title 13 of the El Segundo Municipal Code ("ESMC") is added in its entirety to read as follows:

CHAPTER 1

POST DISASTER ASSESSMENT STANDARDS

SECTION:

13-1-8: Post Disaster Assessment Standards Adopted.

SECTION 3: ESMC Section 13-1-8 is added to read as follows:

Section 13-1-8 Post Disaster Assessment

Chapter 1. Post Disaster Safety Assessment Placards

Section 1-1 Intent:
This chapter establishes standard placards to be used to indicate the condition of a structure for continued occupancy after any disaster. The Chapter further
authorizes the Building Safety Department, as well as authorized representatives of the department, to post the appropriate placard at each entry point of a building or structure upon completion of a safety assessment.

**Section 1-2 Application of Provisions:**
The provisions of this article are applicable following each disaster for which a local emergency has been declared by The City Council, State, or Federal Government, to all buildings and structures of all occupancies regulated by the City.

**Section 1-3 Definition:**
SAFETY ASSESSMENT: means a visual, nondestructive examination of a building or structure for the purpose of determining whether continued occupancy should be permitted following a disaster.

**Section 1-4 Placards:**
A. The following are descriptions of the official jurisdiction placards to be used to designate whether buildings or structures may be occupied after a disaster. The format of the placard is provided in the “Post Disaster Safety Assessment Plan” published by the California Governor’s Office of Emergency Services.
   1. GREEN “INSPECTED — Lawful Occupancy Permitted” is to be posted on any building or structure where no apparent structural hazard has been found. This placard is not intended to mean that there is no damage to the building or structure.
   2. YELLOW “LIMITED ENTRY” is to be posted on each building or structure that has been damaged where the damage has resulted in some form of restriction to the continued occupancy. The individual who posts this placard shall note in general terms the type of damage encountered.
   3. RED “UNSAFE – Do Not Enter or Occupy” is to be posted on each building or structure that has been damaged such that continued occupancy poses a threat to life or safety. Buildings or structures posted with this placard shall not be entered under any circumstances except as authorized in writing by the Building Safety Department. El Segundo City approved safety assessment teams shall be authorized to enter these buildings at any time. This placard is not to be used or considered as a demolition order. The individual who posts this placard shall note in general terms the type of damage encountered.

B. The name of the department, its address and phone number shall be permanently affixed to each placard.

C. Once it has been attached to a building or structure, a placard shall not be removed, altered or covered until done so by an authorized representative of the City of El Segundo Building Safety Department.
Chapter 2 Post-disaster Demolition

Section 2-1 Intent:
This chapter establishes demolition criteria for all buildings and structures damaged as a result of a disaster for which a local emergency has been declared by The City Council, State, or Federal Government, to the degree where demolition is a viable alternative to repair.

Section 2-2 Application of Provisions:
The provisions of this article are applicable following each disaster for which a local emergency has been declared by The City Council, State, or Federal Government, to all buildings and structures of all occupancies regulated by the City.

Section 2-3 Definition:
EVENT: Any occurrence, which results in the declaration of an emergency, and shall include but not limited to, fires, wind storms, earthquakes and floods.
CONDEMN AND CONDEMNED: Shall also mean no person shall enter the building or structure for any reason without the express written permission of The Director of Planning Building Safety or his designee.

Section 2-4 Demolition Criteria:
A. If after the event, and during any state of emergency, The Director of Planning Building Safety determines that any building or structure poses an imminent threat to public health and safety and that protection of the public health and safety requires immediate demolition of the building or structure, or a portion of a building or structure, the Director or his designee shall, without contacting the owner or providing a hearing to the property owner, order that said building or structure be demolished immediately. Upon the order of the Director or designee, the City shall immediately demolish said building or structure. Such demolition shall be performed in the interest of public health and safety without condemnation hearings otherwise required by this municipal code.

B. If after the event, The Director of Planning Building Safety determines that any building or structure poses a hazard, but not an imminent threat to the public health and safety, The Director or his designee shall notify the building owner of such determination, and the reasons thereof by certified mail return receipt deposited in the United States mail no later than five days after the determination is made. The notice shall set forth the date, time, and place of a hearing which the The Director or his designee shall conduct, and also state that during the hearing the building owner may present any evidence to explain why the building or structure should not be condemned. The decision of The Director or his designee to condemn the building or structure unless all required repairs are made shall be final. In
making the final decision, the Director or his designee shall consider: 1) All evidence presented at the hearing by the owner or his or her representative; 2) The nature of the hazard presented by the building or structure; and 3) The likelihood of personal injury or death occurring if the building or structure; and 3) The likelihood of personal injury or death occurring if the building or structure is not condemned.

C. For any building or structure which the owner has decided to demolish rather than repair, the owner, or owner’s representative, shall follow the established procedures for securing a demolition permit.

13-1-8: ADOPTION OF THE POST DISASTER ASSESSMENT STANDARDS. Pursuant to California Government Code § 50022.1 to 50022.8, the Post Disaster Assessment Standards is adopted. One true copy of the CPC, is on file in the office of the Building Official and is available for public inspection as required by law.

SECTION 4: CALIFORNIA ENVIRONMENTAL QUALITY ACT EXEMPTION. The City Council determines that this ordinance is exempt from review under the California Environmental Quality Act (California Public Resources Code §§ 21000, et seq., “CEQA”) and the regulations promulgated thereunder (14 California Code of Regulations §§ 15000, et seq., the “CEQA Guidelines”) because it consists only of minor revisions and clarifications to an existing code of construction-related regulations and specification of procedures related thereto and will not have the effect of deleting or substantially changing any regulatory standards or findings required therefor. This ordinance, therefore, is an action being taken for enhanced protection of the environment and that does not have the potential to cause significant effects on the environment. Consequently, it is categorically exempt in accordance with CEQA Guidelines §§ 15301 as a minor alteration of existing public or private structures involving no expansion of use; 15305 as a minor alteration in land use limitations which do not result in any changes in land use or density; and 15308 as an action taken by a regulatory agency as authorized by California law to assure maintenance or protection of the environment.

SECTION 5: SAVINGS CLAUSE. Repeal of any provision of the ESMC or any other city ordinance herein will not affect any penalty, forfeiture, or liability incurred before, or preclude prosecution and imposition of penalties for any violation occurring before, this Ordinance’s effective date. Any such repealed part will remain in full force and effect for sustaining action or prosecuting violations occurring before the effective date of this Ordinance.
SECTION 6: SEVERABILITY. If any part of this Ordinance or its application is deemed invalid by a court of competent jurisdiction, the city council intends that such invalidity will not affect the effectiveness of the remaining provisions or applications and, to this end, the provisions of this Ordinance are severable.

SECTION 7: VALIDITY OF PREVIOUS CODE SECTIONS. If this the entire Ordinance or its application is deemed invalid by a court of competent jurisdiction, any repeal of the ESMC or other the city ordinance by this Ordinance will be rendered void and cause such ESMC provision or other the city ordinance to remain in full force and effect for all purposes.

SECTION 8: EFFECTIVE DATE. This Ordinance will take effect on January 1, 2014.

PASSED AND ADOPTED this ___ day of ________, 2013.

________________________________________
Bill Fisher,
Mayor

APPROVED AS TO FORM
MARK HENSLEY, CITY ATTORNEY

By: _____________________________________
Karl H. Berger
Assistant City Attorney
ATTEST:

STATE OF CALIFORNIA  )
COUNTY OF LOS ANGELES   )    SS
CITY OF EL SEGUNDO     )

I, Tracy Weaver, City Clerk of the City of El Segundo, California, do hereby certify that the whole number of members of the City Council of said City is five; that the foregoing Ordinance No. _____ was duly introduced by said City Council at a regular meeting held on the _______ day of ________________, 2013, and was duly passed and adopted by said City Council, approved and signed by the Mayor, and attested to by the City Clerk, all at a regular meeting of said Council held on the _______ day of ________________, 2013, and the same was so passed and adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

______________________________
Tracy Weaver, City Clerk
I. Background and Discussion

The treatment of animals is regulated at both the Federal and State levels. The federal Animal Welfare Act regulates breeders, while State law provides consumer protection and welfare standards for animals sold in pet stores and by breeders. However, animal advocacy organizations argue that those existing standards are not always adhered to and/or are insufficient to protect animals. Proponents of bans on the retail sales of dogs and cats seek to reduce the demand for animals often bred in so-called “puppy mills” and “kitten factories”, and increase adoption of animals from local shelters and humane societies.

As a result, several cities nationwide, including at least thirteen (13) California cities have adopted ordinances banning the retail sale of dogs and cats in recent years. Some of the cities include Hermosa Beach, West Hollywood, Burbank, Glendale, Los Angeles, and San Diego.

II. Recommendation

Direct staff to complete the research and prepare an Ordinance to amend El Segundo Municipal Code (ESMC) to ban the retail sale of dogs and cats. Alternatively discuss and take other possible action related to this item.