RESOLUTION NO. 2024-R_____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CULVER CITY MAKING EXPRESS FINDINGS THAT MODIFICATIONS TO THE 2022 CALIFORNIA BUILDING CODE, 2022 CALIFORNIA RESIDENTIAL CODE, 2022 CALIFORNIA PLUMBING CODE, 2022 CALIFORNIA EXISTING BUILDING CODE, 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, 2022 EXISTING BUILDING CODE, AND 2022 CALIFORNIA MECHANICAL CODE, AS ADOPTED BY ORDINANCE OF THE CITY OF CULVER CITY, ARE REASONABLY NECESSARY BECAUSE OF LOCAL CLIMATIC, GEOLOGICAL OR TOPOGRAPHICAL CONDITIONS.

WHEREAS, on October 10, 2022 the City of Culver City adopted the 2022 California Building Standards Codes, 2022 California Residential Code, 2022 California Plumbing Code, 2022 California Existing Building Code, 2022 California Green Building Standards Code, 2022 Existing Building Code, and 2022 California Mechanical Code (the "Codes"), including certain local amendments.

WHEREAS, on September 19, 2022 the City of Culver City made express findings pursuant to California Health and Safety Code Section 17958.5 before adopting the Codes, including the local amendments thereto, and filed those findings with the California Building Standards Commission.

WHEREAS, the City of Culver City desires to update the express findings for California Residential Code section R105.2 and California Plumbing Code Section 1208.13.1.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF CULVER CITY DOES HEREBY RESOLVE AS FOLLOWS:

1. The provisions relating to amendments of the 2022 California Building Code, 2022 California Residential Code, 2022 California Plumbing Code, 2022

California Existing Building Code, 2022 California Green Building Standards Code, 2022 Existing Building Code, and 2022 California Mechanical Code, that are proposed to be adopted by the City Council are reasonably necessary because of local climatic, geological or topographical conditions that create seismic hazards, landslides, erosion, and local flooding, as well as the negative impact of the amount of energy, air quality, greenhouse gas emission and construction waste in the area, as set forth in this resolution. The summary of the amendments with references to the express findings is provided in the table attached as Exhibit A.

2. Based on Climatic, Geological or Topographical reasons, the City has incorporated amendments to the 2022 California Building Standards Codes in detail in Ordinance No. 2022-007.

3. That the Clerk of the City of Culver City shall file a copy of the change or modifications in the adopted Ordinance No. 2022-007, together with a copy of this Resolution with the California Building Standards Commission, and shall obtain an endorsed copy from said Department to be filed with the City of Culver City.

APPROVED and ADOPTED this _____day of _____ 2024.

YASMINE-IMANI MCMORRIN
City of Culver City, California

ATTEST:

JEREMY BOCCHINO, City Clerk

APPROVED AS TO FORM:

HEATHER BAKER, City Attorney

2022 CALIFORNIA CODE AMENDMENTS WITH CORRESPONDING FINDINGS

EXHIBIT A

2022 CALIFORNIA BUILDING CODE AMENDMENTS

2022 LARUCP NO.	TITLE/DESCRIPTION	JUSTIFICATION FOR AMENDMENT	FINDINGS
	Amend CBC Section 105.1 Permit required	The proposed amendment is to clarify that repaving of parking lots are required to obtain permits as the work has accessibility implications.	A
	Amend CBC Section 105.2 Work exempt from permit	The proposed amendment is to clarify that block/concrete walls taller than 3'6" are required to have building permits as they are not exempted as "fences".	B
	Add CBC Section105.3.1.1 Electric Vehicle Charging Stations Permitting	The proposed addition is the relocation of Chapter 15.14 (Ordinance 2017-13 Section 2) into the CBC and to comply with AB1236, AB970, and Section 65850.7 of the Government Code.	A
	Amend CBC Section 105.3.2 Expiration of Plan Check	The proposed amendment is to allow applicant more time (12 months) to obtain permits and to be aligned with permit expiration	A
	Amend CBC Section 105.5 Expiration of Permits	The proposed amendment to extend permit expiration to 12 months in order to comply with AB 2913 and Section 18938.5 of the Health and Safety Code	A
	Add CBC Section 105.8 Responsibility of permittee	The proposed addition is to clarify the responsibility of the permittee to fully comply with the all the provisions of the codes and regulations	A
	Amend CBC Section 109.4 Work commencing before permit issuance.	The proposed amendment is to discourage illegal construction and impose a penalty on the violators.	A
	Add CBC Section 109.6.1 Plan Check fee refund	The proposed addition is to establish consistency and promote transparency.	A
	Add CBC Section 109.1.2 Permit fee refund	The proposed addition is to establish consistency and promote transparency.	A
	Add CBC Section 109.7 Re-inspections	The proposed addition is to clarify the parameters for re-inspections.	A
	Add CBC Section 110.1.1 Survey certification	To mitigate the potential of having structures build in incorrect locations.	A
	Add CBC Section 113.4 Access Board of Appeals	Compliance with CBC and California Health & Safety Code section 19957.5	A
	Add CBC Section 117 Solar Photovoltaic System	Ordinance 2008-004	A
	Add CBC Section 118 Sand Blasting	Ordinance 2003-015	A
	Adoption of Appendix F	Establish standards for rodent proofing	G
	Adoption of Appendix G	Establish standards for flood resistant construction	E
	Adoption of Appendix H	Establish standards for signs	C
	Adoption of Appendix I	Establish standards for patio covers	C
	Adoption of Appendix J	Establish standards for grading	D
	Adoption of Appendix N	Establish standards for replicable buildings	H
	Adoption Appendix P	Establish standards for emergency housing	B
15-01	Amend CBC Section 1507.3.1 Deck Requirements	This amendment will reduce the failure of concrete and clay tile roofs during a significant earthquake. and is in accordance with the scope and objectives of the CBC.	B
16-01	Add CBC Sections 1613.5 and 1613.5.1 Amendments to ASCE 7	The proposed modification to limit mixed structural system to two stories is intended to improve quality of construction by reducing potential damages that may result from vertical irregularities of the structural system in buildings subject to	B

		high seismic load 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 CBC.	
16-02	Add CBC Section 1613.5.2 Wood Diaphragms	The proposed modification to require special anchorage of the diaphragm to the wall and limit the allowable shear will address special needs for concrete and masonry construction with flexible wood diaphragm 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 CBC.	B
16-03	Add CBC Section 1613.5.3 Structural Separation	The proposed modification to omit the importance factor in the equation ensures that a safe seismic separation distance is maintained for important facilities from adjoining structures 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 CBC.	B
16-04	Add CBC Section 1613.6 Seismic Design Provisions for Hillside Buildings	The proposed modification establishes design parameters to better mitigate and limit property damage that are the results of increased seismic forces which are imparted upon hillside buildings and structures 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 CBC.	B,C,D
16-05	Add CBC Section 1613.7 Suspended Ceilings	The proposed modification requiring safe design and construction requirements for ceiling suspension systems to resist seismic loads is intended to minimize the amount of damage within a building and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CBC.	B
17-01	Amend CBC Section 1704.6 Structural Observations	The proposed modification to require the registered design professional in responsible charge for the structural design to observe the construction will help ensure acceptable standards of workmanship is provided and to improve the quality of the observation 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 CBC.	B
17-02	Amend CBC Section 1704.6.1 Structural Observations for Seismic Resistance	The proposed modification to require the registered design professional in responsible charge for the structural design to observe the construction will help ensure acceptable standards of workmanship is provided and to improve the quality of the observation 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 CBC.	B
17-03	Amend CBC Section 1705.3 Concrete Construction	The proposed modification to require special inspection for concrete with a compressive strength greater than 2,500 psi to improve quality of control during construction and therefore	B

		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 CBC.	
17-04	Amend CBC Section 1705.13 Special Inspections for Seismic Resistance	The proposed modification to require special inspections for detached one- or two-family dwellings not exceeding two stories above grade plane assigned to Seismic Design Category D, E and F will help ensure that acceptable standards of workmanship and quality of construction are provided and therefore needs 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 CBC	B
18-01	Amend CBC Section 1807.1.4 Permanent Wood Foundation System	The proposed modification to prohibit the use of wood foundation systems as well as limit prescriptive design provisions in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms and therefore needs 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 CBC.	C
18-02	Amend CBC Section 1807.1.6 Prescriptive Design of Concrete and Masonry Foundation Walls	The proposed modification to prohibit prescriptive design provisions for foundation walls as plain concrete have performed poorly in withstanding the cyclic forces resulting from seismic events and to require the walls to be designed by a registered design professional to ensure that the proper analysis of the structure takes into account the surrounding condition 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 CBC.	B
18-03	Amend CBC Section 1807.2 Retaining Walls	The proposed modification to prohibit the use of wood foundation systems as well as limit prescriptive design provisions in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms and therefore needs 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 CBC.	C
18-04	Amend CBC Section 1807.3.1 Limitations	The proposed modification to prohibit the use of wood foundation systems as well as limit prescriptive design provisions in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms and therefore needs 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 CBC.	C
18-05	Amend CBC Section 1809.3 Stepped Footings	The proposed modification to require minimum reinforcement in stepped footings is intended to improve performance of buildings and structures and therefore need to be incorporated into the code to assure that new buildings and structures and additions or alterations to existing buildings or	B,D

		structures are designed and constructed in accordance with the scope and objectives of the CBC.	
18-06	Amend CBC Section 1809.7 and Table 1809.7 Prescriptive Footings for Light-Frame Construction	The proposed modification to limit the use of the prescriptive design provisions and under-reinforced or plain concrete is to ensure that the proper analysis of the structure takes into account the surrounding condition 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 CBC.	B
18-07	Amend CBC Section 1809.12 Timber Footings	The proposed modification to prohibit the use of timber footings in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms 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 CBC.	C
18-08	Amend CBC Section 1810.3.2.4 Timber	The proposed modification to prohibit the use of timber deep foundation in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms 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 CBC.	C
19-01	Amend CBC Section 1905.1.7 ACI 318, Section 14.1.4	The proposed modification to require minimum reinforcement to address the problem of poor performance of plain or under-reinforced footings during a seismic event 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 CBC.	B
19-02	Amend CBC Section 1905.1 and Add Sections 1905.1.9 thru 1905.1.11 General	The proposed modification to increase confinement in critical columns, limiting the use of highly gravity loaded walls, and increase concrete coverage in thin slabs will have to prevent failure of the structure 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 CBC.	B
23-01	Amend CBC Section 2304.10.2 Fastener Requirement	The proposed modification to limit the use of staple fasteners to resist or transfer seismic load improve the performance of buildings and structures during a seismic event 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 CBC.	B
23-02	Add CBC Section 2304.10.3.1 Quality of Nails	The proposed modification to require mechanically driven nails to have the same dimensions as hand-driven nail will result in improved quality of construction and performance of wood structural panel shear walls 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 CBC.	B

23-03	Amend CBC Section 2304.2.8 Wood Used in Retaining Walls and Cribs	The proposed modification to prohibit the use of wood in retaining or crib walls in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms 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 CBC.	B,C
23-04	Add CBC Section 2305.4 Hold-down Connectors	The proposed modification to establish minimum performance requirements for hold-down connectors will reduce failure of wood structural panel shear walls due to excessive deflection 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 CBC.	B
23-05	Amend CBC Section 2306.2 Wood-Frame Diaphragms	The proposed modification to place design and construction limits on staples as fasteners used in wood structural panel or diaphragms not substantiated with cyclic testing will help to maintain minimum quality of construction and performance standards of structures 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 CBC.	B
23-06	Amend CBC Section 2306.3 Wood-Frame Shear Walls	The proposed modification to place design and construction limits on stapled nail fasteners used in wood structural panel shear walls or diaphragms not substantiated with cyclic testing will help to maintain minimum quality of construction and performance standards of structures 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 CBC.	B
23-07	Add CBC Section 2307.2 Wood-Frame Shear Walls	The proposed modification to place design and construction limits on stapled nail fasteners used in wood structural panel shear walls or diaphragms not substantiated with cyclic testing will help to maintain minimum quality of construction and performance standards of structures 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 CBC.	B
23-08	Amend CBC Table 2308.6.1 Wall Bracing Requirements	The proposed modification to provide specific detailing requirements will improve the performance of buildings and structures and therefore needs to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CBC.	B
23-09	Amend CBC Sections 2308.6.5, 2308.6.5.1 and 2308.6.5.2, and Figures 2308.6.5.1 and 2308.6.5.2 Alternative Bracing	The proposed modification requiring minimum sheathing thickness and nailing type and size will help to maintain minimum quality of construction and performance standards of structures and therefore needs to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CBC.	B

23-10	Amend CBC Section 2308.6.8.1 Foundation Requirements	The proposed modification to require continuous footings under braced wall lines will improve performance of buildings or structure during a seismic event and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CBC.	B
23-11	Amend CBC Section 2308.6.9 Attachment of Sheathing	The proposed modification to provide specific detailing requirements will improve the performance of buildings and structures and therefore needs to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CBC.	B
31-01	Amend CBC Section 3115 Intermodal Shipping Containers	The proposed amendment addresses structural designs specific to intermodal shipping containers, reduce environmental impact of unused and unrecycled intermodal shipping containers, and increase sustainability by reducing consumption of traditional construction materials. The proposed modification needs to be incorporated into the code to assure that new buildings and additions to existing buildings utilizing intermodal shipping containers are designed and constructed in accordance with the scope and objectives of the CBC and California Green Building Standards Code.	F
	Amend CBC Section 3307 Protection of Adjoining and Nearby Property and Persons	Ordinance 2016-012 Section 2.	A
	Add CBC Section J101.3 Hazards	The proposed modification is to clarify that the owner and permittee is responsible for the prevention of hazards and what actions can be taken to remove hazardous conditions.	A
	Add CBC Section J101.4 Safety Precautions	The proposed modification is to clarify that the owner and permittee is responsible to provide safety precautions and what actions can be taken to enforce it.	A
	Add CBC Section J101.5 Protection of Utilities	The proposed modification is to clarify that the owner and permittee is responsible for the prevention of damage to any public utilities or services.	A
	Add CBC Section J101.6 Protection of Adjacent Properties	The proposed modification is to clarify that the owner and permittee is responsible for the prevention of damage to adjacent property and their obligation to provide 30-day notice of excavation as required by the State.	A
	Add CBC Section J101.7 Storm water control measures	The proposed modification is to put in place precautionary measures necessary to protect adjacent water courses and public private property from damage by erosion, flooding, and deposition of mud, debris and construction-related pollutants originating from the site during grading.	A
	Add CBC Section J101.8 Conditions of approval	The proposed modification is to establish the authority for setting the conditions of approval for a grading permit.	A
	Add CBC Section J101.9 Rules and regulations	The proposed modification is to establish rules and regulations associated with the grading permit.	A
	Amend CBC Section J103.2 Exemptions.	The proposed modification is to establish exemptions for grading permit.	A
	Add CBC Section J103.3 Permit issuance	The proposed modification is to establish exemptions for grading permit.	A
	Add CBC Section J103.4 Grading fees	The proposed modification provides the framework for establish a fee for grading plan review and inspection services.	A

	Add CBC Section J104.2.1 Grading Designation	The proposed modification establishes the designation of regular grading and engineered grading.	A
	Add CBC Section J104.2.2 Regular grading requirements	The proposed modification is to establish the requirements that is needed on a regular grading plan.	A
	Add CBC Section J104.2.3 Engineered grading requirements	The proposed modification is to establish the requirements that is needed on an engineer grading plan.	A
	Add CBC Section J109.5 Disposal	The proposed modification is to establish provisions for means of discharging water from a site.	A
	Add CBC Section J112 Hillside Grading Requirements and Permitting	Ordinance 2022-007	
	Add CBC Section J113 Hillside Drainage	Ordinance 2003-19	
	Add CBC Section J114 National Pollutant Discharge Elimination System (NPDES) Compliance	The proposed modification clarifies the responsibility of the owner to comply with the National Pollutant Discharge Elimination System.	A

2022 CALIFORNIA RESIDENTIAL CODE AMENDMENTS

2022 LARUCP NO.	TITLE/DESCRIPTION	JUSTIFICATION FOR AMENDMENT	
	Add CRC § R105.1.1 Sandblasting	Ordinance 2003-015	A
	Amend CRC § R105.2 Work exempt from permit	The proposed amendment is to clarify that block/concrete walls taller than 3'6" are required to have building permits as they are not exempted as "fences".	B
	Add CRC Section R105.3.1.1 Expedited Streamlined Permitting Process for Small Residential Rooftop Solar Energy Systems	The proposed addition is the relocation of Subchapter 15.14 (Ordinance 2017-13 Section 2) into the CBC and to comply with AB1236 and Section 65850.7 of the Government Code.	A
	Add CRC Section § R105.3.1.2 Electric Vehicle Charging Stations Permitting	The proposed addition is the relocation of Chapter 15.14 (Ordinance 2017-13 Section 2) into the CBC and to comply with AB1236 and Section 65850.7 of the Government Code.	A
	Amend CRC § R105.3.2 Expiration of Plan Check	The proposed amendment is to allow applicant more time (12 months) to obtain permits and to be aligned with permit expiration	A
	Amend CRC § R105.5 Expiration of Permits	The proposed amendment to extend permit expiration to 12 months in order to comply with AB 2913 and Section 18938.5 of the Health and Safety Code	A
	Amend CRC § R105.8 Responsibility of permittee	The proposed addition is to clarify the responsibility of the permittee to fully comply with the all the provisions of the codes and regulations	A
	Add CRC § R108.5.1 Plan Check fee refund	The proposed addition is to establish consistency and promote transparency.	A
	Add CRC § R108.5.2 Permit fee refund	The proposed addition is to establish consistency and promote transparency.	A
	Amend CRC § R108.6 Work commencing before permit issuance.	The proposed amendment is to discourage illegal construction and impose a penalty on the violators.	A
	Add CRC § R109.1.7 Survey certification	To mitigate the potential of having structures build in incorrect locations.	A
	Add CRC § R109.5 Re-inspections	The proposed addition is to clarify the parameters for re-inspections	A
	Adoption of Appendix AH	Establish standards for patio covers	C
	Adoption of Appendix AI	Establish standards for private sewage disposal	D
	Adoption of Appendix AJ	Establish standards for existing buildings and structures	C, D
	Adoption of Appendix AK	Establish standards for sound transmission	E
	Adoption of Appendix AO	Establish standards for automatic vehicular gates	B
	Adoption of Appendix AQ	Establish standards for tiny houses	C, D, E
	Adoption of Appendix AX	Establish standards for swimming pool safety act	C, D, E

	Adoption of Appendix AZ	Establish standards for emergency housing	B
R3-01	Amend CRC Section R301.1.3.2 Wood frame Structures	The proposed modification to require construction documents for wood frame construction greater than one story in height or with a basement to be approved and stamped by a California licensed architect or engineer is intended to assure that both the structural design and prescriptive requirement of the code are properly utilized and presented 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 CRC.	C
R3-02	Add CRC Section R301.1.5 Seismic Design Provisions for Buildings on Slopes Steeper than 33%	The proposed modification establishes design parameters to better mitigate and limit property damage that are the results of increased seismic forces which are imparted upon hillside buildings and structures 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 CRC.	B,C
R3-03	Amend CRC Section R301.2.2.6 Irregular Buildings	The proposed amendment limits the type of irregular conditions within buildings that may lead to higher structural damage during a seismic event and therefore needs 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 California Residential Code and consistent with the requirements in the ASCE 7-16.	B
R3-04	Add CRC Section R301.2.2.11 Anchorage of Mechanical, Electrical, or Plumbing Components and Equipment	The proposed modification to limit the equipment weight is intended to reduce injuries, save lives, and minimize structural damages and therefore needs 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 CRC.	B
R4-01	Amend CRC Section R401.1 Application	The proposed modification to prohibit the use of wood foundation systems as well as limit prescriptive design provisions in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms 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 CRC.	C
	Add CRC § R401.5 Grading	The proposed modification to include the structural provision of the hillside construction under the CBC	C
R4-02	Amend CRC Sections R403.1.2, R403.1.3.6, R403.1.5 General Footings	The proposed modification to require continuous footings under braced wall lines, require reinforcement in one- and two-family dwelling, and minimum reinforcement in stepped footings will improve performance of buildings or structure during a seismic event and minimize potential problems or deficiencies and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CRC.	D
R4-03	Amend CRC Section R404.2 Wood Foundation Walls	The proposed modification to prohibit the use of wood foundation wall in an effort to mitigate potential problems or deficiencies due to the proliferation of wood-destroying organisms and therefore	C

		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 CRC.	
R5-01	Amend CRC Section R501.1 Application	The proposed modification to limit the equipment weight is intended to reduce injuries, save lives, and minimize structural damages and therefore needs 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 CRC.	B
R5-02	Add CRC Section R503.2.4 Openings In Horizontal Diaphragms	The proposed modification to require specific detailing at large floor openings is intended to address the poor performance of floor diaphragms with openings and limit or reduce property damages during a seismic event and therefore needs 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 CRC.	B
R6-01	Amend CRC Table R602.3(1) Fastening Schedule	The proposed modification to place design and construction limits on staples as fasteners used in wood structural panel or diaphragms not substantiated with cyclic testing will help to maintain minimum quality of construction and performance standards of structures 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 CRC.	B
R6-02	Amend CRC Section R602.3.2 and Table R602.3.2 Top Plate	The proposed modification to eliminate the usage of a single top plate will help to maintain minimum quality of construction and performance standards of structures 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 CRC.	B
R6-03	Amend CRC Table R602.3(2) Alternate Attachments to Table R602.3(1)	The proposed modification to place design and construction limits on staples as fasteners used in wood structural panel or diaphragms not substantiated with cyclic testing will help to maintain minimum quality of construction and performance standards of structures 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 CRC.	B
R6-04	Amend CRC Section R602.10.2.3 Minimum Number of Braced Wall Panels	The proposed modification reduces the aspect ratio help to maintain minimum quality of construction and performance standards of structures and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CRC.	B
R6-05	Amend CRC Table R602.10.3(3) Bracing Requirements Based on Seismic Design Category	The proposed modification to increase the length and limit the location where shear walls sheathed with lath, plaster or gypsum board are used will help to ensure that multi-level building will reach its performance objective in resisting higher levels of seismic loads 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	B

		constructed in accordance with the scope and objectives of the CRC.	
R6-06	Amend CRC Table R602.10.4 Bracing Methods	The proposed modification to place design and construction limits on stapled nail fasteners used in wood structural panel shear walls not substantiated with cyclic testing and requiring minimum sheathing thickness and nailing type and size will help to maintain minimum quality of construction and performance standards of structures and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CRC.	B
R6-07	Amend CRC Table R602.10.5 Minimum Length of Braced Wall Panels	The proposed modification ensures that the structural integrity with respect to “maximum shear wall aspect ratios” is maintained, therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CRC.	B
R6-08	Amend CRC Figure R602.10.6.1 Method ABW - Alternate Braced Wall Panel	The proposed modification requiring minimum sheathing thickness and nailing type and size will help to maintain minimum quality of construction and performance standards of structures and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CRC.	B
R6-09	Amend CRC Figure R602.10.6.2 Method PFH - Portal Frame with Hold-downs at Detached Garage Door Openings	The proposed modification requiring minimum sheathing thickness and nailing type and size will help to maintain minimum quality of construction and performance standards of structures and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CRC.	B
R6-10	Amend CRC Figure R602.10.6.4 Method CS-PF - Continuously Sheathed Portal Framed Construction	The proposed modification requiring minimum sheathing thickness and nailing type and size will help to maintain minimum quality of construction and performance standards of structures and therefore need to be incorporated into the code to assure that new buildings and additions to existing buildings are designed and constructed in accordance with the scope and objectives of the CRC.	B
R6-11	Amend CRC Section R606.4.4 Parapet Walls	The proposed modification to not allow the use of unreinforced masonry is intended to prevent non-ductile failures and sudden structural collapses and therefore needs 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 CRC.	B
R6-12	Amend CRC Section R606.12.2.2.3 Reinforcement Requirements for Masonry Elements	The proposed modification to increase reinforcements will ensure that the ductility requirements for buildings in high seismic region meet the intent of the code and limit potential property damages 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 CRC.	B
R8-01	Add CRC Section R803.2.4 Openings in Horizontal Diaphragms	The proposed modification to require specific detailing at large roof openings is intended to address the poor performance of roof diaphragms with openings and limit or reduce property damages during a seismic event and therefore needs to be incorporated into the code to assure that new buildings and	B

		structures and additions or alterations to existing buildings or structures are designed and constructed in accordance with the scope and objectives of the CRC.	
R9-01	Amend CRC Section R905.3.1 Deck Requirements	This amendment will reduce the failure of concrete and clay tile roofs during a significant earthquake and is in accordance with the scope and objectives of the CRC.	B
R10-01	Amend CRC Section R1001.3.1 Vertical Reinforcing	The proposed modification to anchor masonry chimneys into concrete foundation will reduce injuries, save lives, and minimize structural damages and therefore needs 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 CRC.	B

2022 CALIFORNIA EXISTING BUILDING CODE AMENDMENTS

2022 LARUCP NO.	TITLE/DESCRIPTION	JUSTIFICATION FOR AMENDMENT	
	Appendix A1, A2, A3	Voluntary seismic strengthening	B
	Soft Story	Seismic strengthening – Ordinance	B

2022 CALIFORNIA PLUMBING CODE AMENDMENTS

2022 LARUCP NO.	TITLE/DESCRIPTION	JUSTIFICATION FOR AMENDMENT	
	Appendix A, B, D, H, I, L	Seismicity	B
	Section 1208.13.1	The amendment will reduce hazards after a seismic event by automatically shutting off the gas.	B

2022 CALIFORNIA MECHANICAL CODE AMENDMENTS

2022 LARUCP NO.	TITLE/DESCRIPTION	JUSTIFICATION FOR AMENDMENT	
	Appendix A-G	Seismicity	B

REACH CODE STANDARDS AMENDMENTS

2022 LARUCP NO.	TITLE/DESCRIPTION	JUSTIFICATION FOR AMENDMENT	
	Add CALGreen Section 4.106.3.1 Water permeable surfaces for low-rise residential buildings.	The proposed amendment is to establish a requirement for permeable paving to facilitate on-site retention of storm water by ground infiltration.	G
	Add CALGreen Section 5.106.3 Water permeable surfaces for other than low-rise residential buildings.	The proposed amendment is to establish a requirement for permeable paving to facilitate on-site retention of storm water by ground infiltration.	G
	Add CALGreen Section 4.305.2 Gray water.	The proposed amendment is to establish a requirement for integrating gray water plumbing fixtures into buildings to facilitate on-site retention of suitable gray water.	G
	Add CALGreen Section 4.304.2 Landscape irrigation controls for low-rise residential buildings.	The proposed amendment is to establish a requirement for outdoor landscape irrigation controls that will utilize either evapotranspiration data or moisture sensor data to regulate the use of potable water for landscape purposes and increase water conservation.	G
	Add CALGreen Section 5.304.2 Landscape irrigation controls for other than low-rise residential buildings.	The proposed amendment is to establish a requirement for outdoor landscape irrigation controls that will utilize either evapotranspiration data or moisture sensor data to regulate the use of potable water for landscape purposes and increase water conservation.	G

	Add CALGreen Section 4.509 Light pollution reduction for low-rise residential buildings.	The proposed amendment is to establish a requirement for backlight, up-light and glare (BUG) for outdoor lighting associated with residential construction to reduce light pollution.	H
	Modify CALGreen Section 4.408.1 Construction waste management.	The proposed amendment is to establish increased salvage and reuse criteria for demolition and construction debris to reduce environmental pollutants.	H
	Modify CALGreen Section 5.408.1 Construction waste management.	The proposed amendment is to establish increased salvage and reuse criteria for demolition and construction debris to reduce environmental pollutants.	H
	Add CBC Section 701A.5.1 Vegetation management plan.	The proposed amendment is to establish a requirement for the submission of a vegetation management/fuel modification plan for projects located in the Wildland-Urban Interface (WUI) to reduce the risk of structural ignition due to burning embers.	G
	Add CRC Section R337.1.5.1 Vegetation management plan.	The proposed amendment is to establish a requirement for the submission of a vegetation management/fuel modification plan for projects located in the Wildland-Urban Interface (WUI) to reduce the risk of structural ignition due to burning embers.	G
	Add CBC Section 701A.1.1 Class-A fire resistant roof assembly.	The proposed amendment is to establish a requirement that roofing assemblies for buildings constructed in the Wildland-Urban Interface (WUI) have a Class-A fire resistance rating to reduce the potential for structural ignition due to burning embers.	G
	Add CRC Section R337.5.1.1 Class-A fire resistant roof assembly.	The proposed amendment is to establish a requirement that roofing assemblies for buildings constructed in the Wildland-Urban Interface (WUI) have a Class-A fire resistance rating to reduce the potential for structural ignition due to burning embers.	G

EXPRESS FINDINGS

A. Local Administrative Finding – This amendment is necessary for administrative clarification. It does not modify a Building Standards pursuant to Sections 17958 and 18941.5 of the California Health and Safety Code and does not require an express finding to be made pursuant to Sections 17958.5 and 17958.7 of the California Health and Safety Code. This amendment established administrative standards for the effective enforcement of building standards 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 Codes.

B. Local Geological Conditions – The City of Culver City 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 1987 Whittier Narrows Earthquake, the 1971 San Fernando Earthquake and the 1933 Long Beach Earthquake. The proposed modification will reduce the failures, injuries, save lives, and minimize structural damages and therefore needs 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 Codes.

C. Local Climatic and Geological Conditions – The City of Culver City 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. In addition, the region is within a climate system capable of producing major winds, fire and rain related disasters, including but not limited to those caused by the Santa Ana winds and El Nino (or La Nina) subtropical-like weather. This region is especially susceptible to more active termite and wood attacking insects and microorganisms.

D. Local Topographical and Geological Conditions – The City of Culver City 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. Additionally, the topography within the City includes significant hillsides with narrow and winding access that makes timely response challenging and difficult. The hilly terrain with potential hazards such as slides, erosion, and local flood can be mitigated with the proposed amendments.

E. Local Climatic Condition – The City of Culver City is a densely populated area having buildings and structures constructed within heavily traveled traffic corridors and highways, near and within the proximity of airports and/or ports, near the ocean, and within flood prone areas. This impacts the quality of the air, causes higher decibel noise level, and increases the risk of rising sea or flood levels. The proposed modifications will help to address and significantly reduce local air and noise pollutions, greenhouse gas emissions, and will improve the health and welfare of the region's residents, businesses and visitors and reduce the rise in sea or flood levels that could put at risk the region's homes and businesses, public facilities, airports and/or ports. Therefore, this amendment needs 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 California Green Building Standards Code.

F. Local Climatic and Geological Conditions – The City of Culver City 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 region is further impacted by construction of buildings and structures utilizing tradition construction materials that impact the amount of energy, air quality, greenhouse gas emission and construction waste in the area. The proposed amendment addresses structural designs specific to intermodal shipping containers, reduce environmental impact of unused and unrecycled intermodal shipping containers, and increase sustainability by reducing consumption of traditional construction materials. The proposed modification needs to be incorporated into the code to assure that new buildings and additions to existing buildings utilizing intermodal shipping containers are designed and constructed in accordance with the scope and objectives of the California Building Code and California Green Building Standards Code.

G. Local Climatic Conditions: The City of Culver City is a densely populated area located in a region of Southern California that is subject to extended drought conditions and dry seasonal winds. The severe drought conditions have an adverse effect on local water supply and the dry seasonal winds increase the risk of fires within the very high fire hazard severity zones by causing vegetation to dry excessively. During a fire event, dry seasonal winds are capable of casting burning embers from structures and vegetation onto other buildings which can result in conflagration. This amendment is necessary to mitigate the local shortages of water, reduce water waste, increase ground water recharge, and reduce the increased risk of fire spread that can occur due to reduced water supply and wind-driven fire events.

H. Local Geologic and Climatic Conditions: The City of Culver City is a densely populated area that is affected by various sources of pollution that affect local air quality, visual light quality and landfill waste. Local climatic conditions cause atmospheric inversion of trapped air, which amplifies the adverse effects of particulate and light pollution that are trapped and reflected back to earth. Due to geologically high ground water within the Los Angeles Basin, pollutants that leach from landfill waste can contaminate critical ground water reserves. Air pollutants generated by automobiles have an adverse effect on pulmonary function and can contribute to long-term health problems. Light pollutants generated by excessive or improperly directed night-time lighting can have an adverse effect on human sleep patterns and may disrupt healthy circadian rhythm. Excessive disposal of construction and demolition wastes result in increased pollutants in ground water beneath landfills and excessive greenhouse gas emissions as buried waste decomposes. This amendment is necessary to mitigate the effects of environmental pollution by reducing gas-powered vehicular trips, landfill waste, and excessive outdoor lighting.