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201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

OSAMA YOUNAN, P.E.
GENERAL MANAGER
SUPERINTENDENT OF BUILDING

JOHN WEIGHT
EXECUTIVE OFFICER

March 27, 2024

CF # 22-1226

Honorable City Council
John Ferraro Council Chamber
Room 340, City Hall
City of Los Angeles

PROPOSED ORDINANCE AMENDING CHAPTER IX OF THE LOS ANGELES MUNICIPAL CODE TO CORRECT TECHNICAL AND CLERICAL ERRORS AND OMISSIONS DISCOVERED IN ORDINANCE NUMBER 187719.

A public hearing was held on August 22, 2023 by the Board of Building and Safety Commissioners (BBSC) to receive and consider public comments regarding the proposed ordinance amending Articles 1, 1.2, 1.5, 4 and 9 of Chapter IX of the Los Angeles Municipal Code (LAMC) to correct technical and clerical errors and omissions found in Ordinance 187719. There were no public comments at the hearing. The BBSC has recommended the proposed ordinance be adopted and referred the matter back to LADBS for further processing.

In addition to the proposed ordinance, the following items are included:

- a. Notice of Public Hearing to Building and Safety Commissioners regarding the proposed ordinance;
- b. Minutes of the public hearing.

After the completion of the public hearing, the BBSC has referred the proposed ordinance back to the Department for further processing.

I respectfully request this report be forwarded to the City Council for authority to City Attorney, in consultation with the Department of Building and Safety, to prepare the draft ordinance for adoption.

Please direct any questions regarding the proposed ordinance to Lawrence Brugger at (213) 482-6520. Should you need my assistance, please contact me at (213) 482-6800 (office).

A handwritten signature in blue ink, appearing to read "Osama Younan".

Osama Younan, P.E.
General Manager
Superintendent of Building

Attachment

ORDINANCE NO. _____

An ordinance amending Articles 1, 1.2, 1.5, 4 and 9 of Chapter IX of the Los Angeles Municipal Code as a clean-up of Ordinance No. 187719 by making technical corrections and fixing clerical errors.

WHEREAS, Ordinance No. 187719 was approved by the Los Angeles City Council and became effective on January 1, 2023, (Council File No. 22-1226); and

WHEREAS, it has been learned that Ordinance No. 187719 contains technical and clerical errors and omissions that need to be corrected; and

WHEREAS, it has also been learned that certain provisions of Chapter IX of the Los Angeles Municipal Code make erroneous references to other provisions of the Los Angeles Municipal Code or other State of California Codes which references should be corrected;

WHEREAS, in support of the following further modifications and changes, the City Council hereby expressly finds that the following amendments and modifications to the California Building Standards Code are reasonably necessary due to local climatic, geological or topographical conditions.

NOW THEREFORE,

**THE PEOPLE OF THE CITY OF LOS ANGELES
DO ORDAIN AS FOLLOWS:**

Section XX. Subsection 91.1206.6 of Section 91.1206, Division 12, Article 1 Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

91.1206.6. Relevant Standards. The current edition of the following standards is generally applicable for determining compliance with this section, and copies may be obtained from the ~~ASTM International American Society for Testing and Materials (ASTM) at 100 Barr Harbor Drive, West Conshohocken, PA, 19428-2959~~: ASTM C 634, Standard Terminology Relating to Building and Environmental Acoustics; ASTM E 90, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; ASTM E 336, Standard Test Method for Measurement of Airborne Sound Attenuation Between Rooms in Buildings; ASTM E 413, Classification for Rating Sound Insulation; ASTM E 492, Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine; ASTM E 497, Standard Recommended Practice for Installation of Fixed Partitions of Light Frame Type for the Purpose of Conserving Their Sound Insulation Efficiency; ASTM E 597, Recommended Practice for

Determining a Single-Number Rating of Airborne Sound Isolation in Multi-unit Building Specifications; ASTM E 966, Standard Guide for Field Measurements of Airborne Sound Insulation of Building Facades and Facade Elements; ASTM E 989, Standard Classification for Determination of Impact Insulation Class (IIC); ASTM E 1007, Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures; and ASTM E 1014, Standard Guide for Measurement of Outdoor A-Weighted Sound Levels.

Section XX. The first paragraph of Section 91.1704, Division 17, Article 1 Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

SEC. 91.1704. SPECIAL INSPECTIONS.

Section 1704 of the CBC is adopted by reference, except that CBC Sections 1704.2, 1704.2.1, 1704.2.3, 1704.2.4, 1704.2.5, 1704.2.5.1, 1704.2.5.2, 1704.6, and 1704.6.1, ~~1704.7, 1704.8, and 1704.9~~ are not adopted; and, in lieu, LAMC Subsections 91.1704.1.1, 91.1704.1.2, 91.1704.1.3, 91.1704.1.4, 91.1704.1.5, 91.1704.1.6, 91.1704.1.7, 91.1704.2, 91.1704.2.1, 91.1704.2.1.1, 91.1704.2.1.2, 91.1704.2.1.3, 91.1704.2.3, 91.1704.2.4, 91.1704.2.5, 91.1704.2.5.1, ~~91.1704.2.5.2~~, 91.1704.6, and 91.1704.6.1 are added or amended to read as follows:

Section XX. The first paragraph of Section 91.1705, Division 17, Article 1, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

SEC. 91.1705. REQUIRED VERIFICATION AND INSPECTION.

Section 1705 of the CBC is adopted by reference, except CBC Sections 1705.3, 1705.3.2, 1705.6, 1705.7, 1705.8, 1705.12.1, 1705.12.1.1, 1705.13.1, 1705.13.4, 1705.16.2, and 1705.17 are not adopted; and, in lieu, LAMC Subsections 91.1705.1.2, 91.1705.1.3, 91.1705.1.4, 91.1705.1.5, 91.1705.1.6, 91.1705.1.7, 91.1705.1.8, 91.1705.1.9, 91.1705.1.10, 91.1705.1.11, 91.1705.1.12, 91.1705.1.13, 91.1705.1.13.1, 91.1705.2.4, 91.1705.3, 91.1705.3.1.1, 91.1705.3.2, 91.1705.6, 91.1705.6.2, 91.1705.7, 91.1705.8, 91.1705.13.1, 91.1705.13.1.1.1, 91.1705.14.1, 91.1705.18.2; and 91.1705.19 are added.

Section XX. Subsection 91.1705.1.13.1 of Section 91.1705, Division 17, Article 1, Chapter IX of the Los Angeles Municipal Code is hereby added to read as follows:

91.1705.1.13.1. The Department shall establish procedures, rules and regulations for the issuance of Welder's Certifications.

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A fee of \$110 shall be paid on each application for certification or renewal. \$50 of the fee shall be paid prior to the Department's examination for a new certification and the remaining amount shall be paid after the examination. Certificates shall be issued for a period of three (3) years and may be renewed for an additional three (3) year period.

Section XX. The first sentence of Subsection 91.1705.3 of Section 91.1705, Division 17, Article 1, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

91.1705.3. Concrete Construction. Special inspections and tests of concrete construction shall be performed in accordance with this section and LAMGCBC Table 1705.3.

Section XX. Section 91.1900, Division 19, Article 1, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

SEC. 91.1900. BASIC PROVISIONS.

Chapter 19 of the CBC is adopted by reference, except that CBC Sections 1905.1, 1905.1.7, and 1906.1 are not adopted; and, in lieu, LAMC Subsections 91.1905.1, 91.1905.1.7, 91.1905.1.9, 91.1905.1.10, 91.1905.1.11, 91.1905.1.12, 91.1906 and 91.1906.1 are added.

Section XX. Subsection 91.1905.1.10 of Section 91.1905, Division 19, Article 1, Chapter IX of the LAMC is hereby amended to read as follows:

91.1905.1.10. ACI 318, Section 18.7.5. Modify ACI 318, Section 18.7.5, by adding Section 18.7.5.9 to read as follows:

18.7.5.9 - At any section where the design strength, ϕP_n , of the column is less than the sum of the shears V_e computed in accordance with ACI 318 Sections 18.6.5.1 and 18.7.6.1.1 for all the beams framing into the column above the level under consideration, transverse reinforcement as specified in ACI 318 Sections 18.7.5.1 through 18.7.5.3 shall be provided. For beams framing into opposite sides of the column, the moment components may be assumed to be of opposite sign. For determination of the design strength, ϕP_n , of the column, these moments may be assumed to result from the deformation of the frame in any one principal axis.

Section XX. Subsection 91.2304.9.1 of Section 91.2304, Division 23, Article 1, Chapter IX of the Los Angeles Municipal Code is hereby deleted:

~~**91.2304.9.1. General.** Section 2304.9.1 of the 2019 CBC is adopted by reference.~~

Section XX. Subsection 91.6205.1 of Section 91.6205, Division 62, Article 1, Chapter IX of the LAMC is hereby amended to read as follows:

91.6205.1. General Requirements. Signs shall be designed and constructed to comply with the provisions of this Code for use of materials, loads and stresses. Glass panels used in signs shall comply with the size, thickness and type of glass as shown in ~~Table 4-A of Appendix H~~ H115.1(1) of the CBC. The use, location, size, area and height of the sign shall comply with the provisions of this Code and Chapter 1 of the LAMC, whichever is more restrictive. ~~Table 4-A of Appendix H of the CBC is adopted by reference.~~

Section XX. Subsection 91.7014.3 of Section 91.7014, Division 70, Article 12, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

91.7014.3. Flood and Mudflow Protection. Flood and mudflow protection shall be provided for all new buildings, additions to buildings and substantial improvements to buildings, which are located on sites determined by the Department to be subject to those conditions, in accordance with Ordinance No. ~~163,913~~ 186,952.

The recommendations for mudflow protection shall be contained in a site investigation report made by persons qualified and licensed in civil engineering, engineering geology and/or soils engineering to ascertain the location, magnitude and extent of potential mudflow hazards and to recommend measures for protection or the elimination of those hazards. The use of the minimum design parameters specified in this Code shall be justified in the report.

Minimum design parameters to be used for mud/debris flow control systems within and at the base of concentrated drainage areas are:

1. A channel flow capacity of 10 cubic feet per second (0.28 m³/s) per acre (ha) of tributary drainage area; or
2. A temporary storage capacity of 400 cubic yards (306 m³) per acre (ha) of tributary drainage area.

Section XX. Subsection 91.2.502.5 of Section 91.2.502, Division 5, Article 1.2, Chapter IX is hereby amended to read as follows:

91.2.502.5. Existing Structural Elements Carrying Lateral Load. Where the addition is structurally independent of the existing structure, existing lateral load-carrying structural elements shall be permitted to remain unaltered. Where the addition is not structurally independent of the existing structure, the existing structure and its addition acting together as a single structure shall be shown to meet the requirements of Sections 1609 and 1613

of the California Building Code using full seismic forces. For purposes of CEBC Section 502, compliance with ASCE 41, using a Tier 3 procedure and the two-level performance objective in CEBC Table ~~303.3.1~~304.3.1 for the applicable risk category, shall be deemed to meet the requirements of CBC Section 1613, with procedures established by the Department.

EXCEPTIONS:

1. Except for Unreinforced Masonry (URM) Buildings:

Any existing lateral load-carrying structural element whose demand-capacity ratio with the addition considered is no more than 10% greater than its demand-capacity ratio with the addition ignored shall be permitted to remain unaltered. For purposes of calculating demand-capacity ratios, the demand shall consider applicable load combinations with design lateral loads or forces in accordance with CBC Sections 1609 and 1613. For purposes of this exception, comparisons of demand-capacity ratios and calculations of design lateral loads, forces and capacities shall account for the cumulative effects of additions and alterations since original construction.

This exception shall not apply if the~~The~~ additions ~~do not~~ creates a structural irregularity as defined in ASCE 7 or makes s an existing structural irregularity more severe.

2. Unreinforced Masonry (URM) Buildings:

Any existing lateral load-carrying structural element on an unreinforced masonry building whose demand-capacity ratio with the addition considered is less than 10% greater than its demand-capacity ratio with the addition ignored, must shall comply with CEBC Appendix Chapter A1. When the demand-capacity ratio with the addition considered is 10% or greater than its demand-capacity ratio with the addition ignored, the addition shall be designed in accordance with Division 16, Article 1, Chapter IX of the LAMC (Chapter 16 of the Building Code.)~~per CBC Division 16.~~

3. Buildings of Group R occupancy with not more than five dwelling or sleeping units used solely for residential purposes where the existing building and the addition together comply with the conventional light-frame construction methods of the California Building Code or the provisions of the California Residential Code.

Section XX. Subsection 91.2.503.4 of Section 91.2.503, Division 5, Article 1.2 Chapter IX of the LAMC is hereby amended to read as follows:

91.2.503.4. Existing Structural Elements Carrying Lateral Load. Except as permitted by CEBC Section 503.13, where the alteration increases design lateral loads in accordance with CBC Section 1609 or 1613, or where the alteration results in a prohibited structural irregularity as defined in ASCE 7, or where the alteration decreases the capacity of any existing lateral load-carrying structural element, the structure of the altered building

or structure shall be shown to meet the requirements of CBC Sections 1609 and 1613. Reduced seismic loads shall be permitted providing the reduced seismic load is not less than the original building permitted seismic loads. For purposes of CEBC Section 503, compliance with ASCE 41, using the performance objective in CEBC Table ~~303-3.4~~304.3.1 for the applicable risk category, shall be deemed to meet the requirements of CBC Section 1613, and using the performance objective in CEBC Table ~~303-3.2~~304.3.2 for the applicable risk category, shall be deemed to meet the requirements of reduced seismic loads, with procedures established by the Department.

EXCEPTIONS:

1. Except for Unreinforced Masonry Buildings (URM):

Any existing lateral load-carrying structural element whose demand-capacity ratio with the alteration considered is no more than 10% greater than its demand-capacity ratio with the alteration ignored shall be permitted to remain unaltered. For purposes of calculating demand-capacity ratios, the demand shall consider applicable load combinations with design lateral loads or forces in accordance with CBC Sections 1609 and 1613. Reduce seismic forces shall be permitted. For purposes of this exception, comparisons of demand-capacity ratios and calculations of design lateral loads, forces and capacities shall account for the cumulative effects of additions and alterations since original construction.

~~The~~This exception shall not apply if the alternation ~~do not~~creates structural irregularity as defined in ASCE 7 or makess an existing structural irregularity more severe.

2. Unreinforced Masonry (URM) Buildings:

Any existing lateral load-carrying structural element on an URM building whose demand-capacity ratio with the ~~alteration~~addition considered is less than 10% greater than its demand-capacity ratio with the ~~addition~~alteration ignored, must shall comply with CEBC Appendix Chapter A1. When the demand-capacity ratio with the ~~addition~~alteration considered is 10% or greater than its demand-capacity ratio with the ~~addition~~alteration ignored, the entire building~~it~~ shall be designed in accordance with Division 16, Article 1, Chapter IX of the LAMC (Chapter 16 of the Building Code.)~~per CBC Chapter 16. Reduced seismic loads shall be permitted.~~

A~~S~~ structural analysis per CEBC Appendix Chapter A1 is required for any alterations to crosswalls or diaphragms.

3. Buildings in which the increase in the demand-capacity ratio is due entirely to the addition of roof-top-supported mechanical equipment individually having an operating weight less than 400 pounds (181.4 kg) and where the total additional weight of all rooftop equipment placed after initial construction of the building is less than 10 percent of the roof dead load. For purposes of this exception, roof shall mean the roof level above a particular story.

Section XX. Subsection 91.2.506.5.3 of Section 91.2.506, Division 5, Article 1.2, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

91.2.506.5.3. Seismic Loads (seismic force-resisting system). Where a change of occupancy results in a building being assigned to a higher risk category, or where the change is from a Group S or U occupancy to an occupancy other than Group S or Group U, the building shall satisfy the requirements of Section 1613 of the California Building Code for the new risk category using full seismic forces. For purposes of this Section, compliance with ASCE 41, using a Tier 3 procedure and the two-level performance objective in CEBC Table ~~303.3.1304.3.1~~ for the applicable risk category, shall be deemed to meet the requirements of CBC Section 1613, with procedures established by the Department.

EXCEPTIONS:

1. Where the area of the new occupancy is less than 10% of the building area, the occupancy is not changing from a Group S or Group U, and the new occupancy is not assigned to Risk Category IV, compliance with this Section is not required. The cumulative effect of occupancy changes over time shall be considered.

2. When a change of use results in a structure being reclassified from Risk Category I or II to Risk Category III and the structure is located where the seismic coefficient, SDS, is less than 0.33, compliance with the seismic requirements of CBC Sec. 1613 is not required.

3. Unreinforced masonry bearing wall buildings assigned to Risk Category III and to Seismic Design Category A or B shall be permitted to use Appendix Chapter A1 of this code.

4. Where the change is from a Group S or Group U occupancy and there is no change of risk category, use of reduced seismic forces shall be permitted.

For a change of occupancy of an existing commercial or industrial building to residential use, all existing buildings shall be analyzed for 75% of the design earthquake ground motion, as defined in CBC Section 1613, but in no event shall there be a reduction in the capacity of the seismic force resisting system where that system provides a greater level of protection than the minimum requirements established by this Code.

For an existing URM building, structural analysis per CBC Chapter 16 is required if the risk category is changed to III or IV. Structural analysis per CEBC Appendix A1 is required if the rating classification per LABC Division 88, Table 88-A is changed to I or II.

For URM buildings with an approved occupant load greater than 100, the occupant load may be increased by a maximum of 10% without changing the rating class or risk category.

The most restrictive requirement of CEBC Sections 502 (Addition), 503 (Alternation), 405 (Repair) and 506 (Change of Occupancy) shall apply.

Section XX. Section 91.5.100, Division 1, Article 1.5, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

SEC. 91.5.100. BASIC PROVISIONS.

The Los Angeles Residential Code adopts by reference portions of the California Residential Code (CRC). Chapter 1 ~~of the CRC is not adopted and in lieu thereof Division 1, Article 1, Chapter IX of the Los Angeles Municipal Code is hereby adopted by reference with the following amendment.~~ and Appendix AS of the CRC ~~is~~are not adopted. ~~Article 1, Division 1 of Chapter IX of the Los Angeles Municipal Code is adopted by reference with the following additions and amendments.~~

Section XX. Subsection 91.5.802.10.2 of Section 91.5.802, Division 8, Article 1.5, Chapter IX of the Los Angeles Municipal Code is hereby deleted.

~~**91.5.802.10.2. Design.** Wood trusses shall be designed in accordance with accepted engineering practice. The design and manufacture of metal plate connected wood trusses shall comply with ANSI/TPI 1. The truss design drawings shall be prepared by a registered professional.~~

Section XX. Subsection 94.101.5.6(4) of Section 94.101, Division 1, Article 4, Chapter IX of the Los Angeles Municipal Code is amended to read as follows:

(4) Potable water piping with any of the following:

- (a) Systems requiring a 2-inch (50.80 mm) or larger supply.
- (b) Systems designed from the procedure in Section 610.5 of the California Plumbing Code.
- (c) Systems utilizing cross-linked polyethylene tubing (PEX) requiring a 2-inch (50.80 mm) or larger supply or when required by the conditions of approval of the City of Los Angeles Mechanical Testing Laboratory Research Report.
- (d) Systems utilizing CPVC piping requiring a 2-inch (50.88 mm) or larger supply or when required by the conditions of approval of the City of Los Angeles Mechanical Testing Laboratory Research Report.

Exception: Plan Check is not required for existing systems that are added to or altered, with branch lines that serve fewer than 20 fixture units and sized by Table 610.4.

Section XX. Section 94.1100.0, Division 11, Article 4, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

SEC. 94.1100.0. BASIC PROVISIONS.

Chapter 11 of the CPC is adopted by reference with the following exceptions: CPC Sections 1101.12.2.2, 1101.12.2.2.2, and 1101.14, ~~and 1101.16.2~~ are not adopted and, in lieu, LAMC Subsections 94.1101.12.2.2 and 94.1101.14 are added.

Section XX. Subsection 98.0501(a) of Section 98.0501, Division 5, Article 8, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

SEC. 98.0501. ALTERNATE MATERIALS, DEVICES AND METHODS OF CONSTRUCTION.

(a) **General Approvals. (Amended by Ord. No. 187,719, Eff. 1/23/23.)** The provisions of this Code are not intended to prevent the use of any material, system, device or method of construction not specifically prescribed by this Code, provided any such alternative ~~alternate~~ has been approved and its use authorized by the Department.

When certification or listing is required by this code for any material, system, ~~or device,~~ or method of construction, the certification or listing shall be by a certification body that has been accredited by a US or Canada based accreditation body that is signatory to the International Accreditation Forum (IAF) Multilateral Recognition Arrangement (MLA) with ISO/IEC 17065 in its Level 3 scope and that accredits bodies certifying building materials and products nationally recognized accreditation body in accordance with ISO/IEC 17065. Testing of products, materials, systems or devices for the purpose of product approval shall be performed by testing laboratories meeting the applicable requirements of ISO/IEC 17025. ~~Testing of products, materials, systems or devices for the purpose of product approval shall be performed by testing laboratories that have been accredited by a nationally recognized accreditation body in accordance with ISO/IEC 17025.~~ The Department shall develop a process for accepting testing laboratories and certification bodies to ensure legitimacy and protect against conflict of interest, such process shall be published and made available on the Department's website.

The Department shall have the authority to grant approval for any product or method of construction, provided that sufficient evidence has been provided to the Department to demonstrate adequacy of the prescribed device, material or method of construction with the Code in terms of quality, fire resistance, strength, effectiveness, durability and safety. In granting of such approval, the Department at its own discretion, may do so in the form of a ~~General Approval or a~~ One-Time approval. The Department shall develop a process for General Approval and One-Time approval, and such a process ~~Such process~~ shall be published and made available on the Department's website.

The Department shall use Division 35, Article 1, Chapter IX of the Los Angeles Municipal Code in evaluating products, materials, systems, or devices for approval where such standard exists for the product or the material and may use other approved standards which apply.

The Department determination on ~~ana One-Time application for general~~ approval may be appealed to the Board of Building and Safety Commissioners under the applicable provisions of this article.

Section XX. Subsection 99.04.106.4.2.2.1.1 of Section 99.04.106, Division 4, Article 9, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

99.04.106.4.2.2.1.1. Location. EVCS shall comply with at least one of the following options:

1. The charging space shall be located adjacent to an accessible parking space meeting the requirements of the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space.
2. The charging space shall be located on an accessible route, as defined in the California Building Code, Chapter 2, to the building.

EXCEPTION: Electric vehicle charging stations designed and constructed in compliance with the California Building Code, Chapter 11B, are not required to comply with ~~CBC Los Angeles Municipal Code~~ Subsections ~~99.04.106.4.2.3.1.1~~ 4.106.4.2.2.1.1 and ~~99.04.106.4.2.3.1.2, 4.106.4.2.2.1.2,~~ Item 3.

Section XX. Table A5-602 following Section 99.12.508, Division 12, Article 9, Chapter IX of the Los Angeles Municipal Code is hereby amended to read as follows:

**TABLE A5.602
CALGreen VERIFICATION GUIDELINES
MANDATORY MEASURES CHECKLIST**

Application: This checklist shall be used for nonresidential projects that meet one of the following: new construction, building additions of 1,000 square feet or greater, or building alterations with a permit valuation of \$200,000 or more pursuant to Section 301.3 AND do not trigger a Tier 1 or Tier 2 requirement:

Y = Yes (section has been selected and/or included)

N/A = Not Applicable (code section does not apply to the project—mainly used for additions and alterations)

O = Other (provide explanation)

[N] = New construction pursuant to Section 301.3

[A] = Additions and/or Alterations pursuant to Section 301.3

CHAPTER 5 DIVISIONS	SECTION TITLE	CODE SECTION	Y	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
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DIVISION 5.1 Planning and Design	Mandatory	Storm water pollution prevention for projects that disturb less than 1 acre of land	5.106.1 through 5.106.2				
	Mandatory	Short-term bicycle parking (with exception)	5.106.4.1.1				
	Mandatory	Long-term bicycle parking	5.106.4.1.2 through 5.106.4.1.5				
	Mandatory	Electric vehicle (EV) charging [N] w/ exceptions	5.106.5.3				
	Mandatory	EV capable spaces [N]	5.106.5.3.1				
	Mandatory	Electric vehicle charging stations (EVCS)	5.106.5.3.2				
	Mandatory	Use of automatic load management systems (ALMS)	5.106.5.3.3				
	Mandatory	Accessible EVCS	5.106.5.3.4				
	Mandatory	Note for EVCS signs					
	Mandatory	Table 5.106.5.3.1 w/ footnotes	5.106.3.1 5.106.3.2 and 5.106.3.3				
	Mandatory	Electric vehicle (EV) charging: medium-duty and heavy-duty [N]	5.106.5.4				
	Mandatory	Electric vehicle charging readiness requirements for warehouses, grocery stores and retail stores with planned off-street loading spaces [N]	5.106.5.4.1				
	Mandatory	Table 5.106.5.4.1	5.106.5.4 and 5.106.5.4.1				
	Mandatory	Light pollution reduction [N] (with exceptions, notes and table)	5.106.8 through 5.106.8.2				
	Mandatory	Grading and paving (exception for additions and alterations not altering the drainage path)	5.106.10				
Mandatory	Hardscape alternatives [N]	5.106.11					
Mandatory	Cool roof for reduction of heat island effect.	5.106.13					
DIVISION 5.2 Energy Efficiency	Mandatory	Meet the minimum energy efficiency standard	5.201.1				
DIVISION 5.3 Water Efficiency and Conservation (continued)	Mandatory	Separate meters (new buildings or additions > 50,000 sf that consume more than 100 gal/day)	5.303.1.1				
	Mandatory	Separate meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2				
	Mandatory	Water Reduction.	5.303.2				
	Mandatory	Water closets shall not exceed 1.28 gallons per flush (gpf)	5.303.3.1				

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
(continued) DIVISION 5.3 Water Efficiency and Conservation	Mandatory	Wall-mounted urinals shall not exceed 0.125 gpf	5.303.3.2.1				
	Mandatory	Floor-mounted urinals shall not exceed 0.5 gpf	5.303.3.2.2				
	Mandatory	Single showerhead shall have maximum flow rate of 1.8 gpm (gallons per minute) at 80 psi	5.303.3.3.1				
	Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of 1.8 gpm at 80 psi	5.303.3.3.2				
	Mandatory	Nonresidential lavatory faucets	5.303.3.4.1				
	Mandatory	Kitchen faucets	5.303.3.4.2				
	Mandatory	Wash fountains	5.303.3.4.3				
	Mandatory	Metering faucets	5.303.3.4.4				
	Mandatory	Metering faucets for wash fountains	5.303.3.4.5				
	Mandatory	Pre-rinse spray valve	5.303.3.4.6				
	Mandatory	Food waste disposers	5.303.4.1				
	Mandatory	Areas of additions or alterations	5.303.5				
	Mandatory	Standards for plumbing fixtures and fittings	5.303.6				
	Mandatory	Outdoor potable water use in landscape areas (with notes)	5.304.1				
DIVISION 5.4 Material Conservation and Resource Efficiency (continued)	Mandatory	Weather protection	5.407.1				
	Mandatory	Moisture control: sprinklers	5.407.2.1				
	Mandatory	Moisture control: exterior door protection	5.407.2.2.1				
	Mandatory	Moisture control: flashing	5.407.2.2.2				
	Mandatory	Construction waste management - comply with either: Sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent local ordinance	5.408.1.1, 5.408.1.2, 5.408.1.3				
	Mandatory	Construction waste management: documentation	5.408.1.4				
	Mandatory	Universal waste [A]	5.408.2				
	Mandatory	Excavated soil and land clearing debris (100% reuse or recycle)	5.408.3				
	Mandatory	Recycling by occupants (with exception)	5.410.1				
	Mandatory	Recycling by occupants: additions (with exception)	5.410.1.1				
	Mandatory	Recycling by occupants: sample ordinance	5.410.1.2				
	Mandatory	Commissioning new buildings (≥ 10,000 sf) [N]	5.410.2				



	Mandatory	Owner's or owner representative's Project Requirements (OPR) [N]	5.410.2.1				
	Mandatory	Basis of Design (BOD) [N]	5.410.2.2				
	Mandatory	Commissioning plan [N]	5.410.2.3				
	Mandatory	Functional performance testing [N]	5.410.2.4				
	Mandatory	Documentation and training [N]	5.410.2.5				
	Mandatory	Systems manual [N]	5.410.2.5.1				
	Mandatory	Systems operation training [N]	5.410.2.5.2				
	Mandatory	Commissioning report [N]	5.410.2.6				
	Mandatory	Testing and adjusting for new buildings < 10,000 sf or new systems that serve additions or alterations [A]	5.410.4				
	Mandatory	System testing plan for renewable energy, landscape irrigation and water reuse [A]	5.410.4.2				
	Mandatory	Procedures for testing and adjusting	5.410.4.3				
	Mandatory	Procedures for HVAC balancing	5.410.4.3.1				
	Mandatory	Reporting for testing and adjusting	5.410.4.4				
	Mandatory	Operation and maintenance (O&M) manual	5.410.4.5				
	Mandatory	Inspection and reports	5.410.4.5.1				
DIVISION 5.5 Environmental Quality	Mandatory	Fireplaces	5.503.1				
	Mandatory	Woodstoves	5.503.1.1				
	Mandatory	Temporary ventilation	5.504.1				
	Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3				
	Mandatory	Adhesives, sealants and caulks	5.504.4.1				
	Mandatory	Paints and coatings	5.504.4.3				
	Mandatory	Aerosol paints and coatings	5.504.4.3.1				
	Mandatory	Aerosol paints and coatings: verification	5.504.4.3.2				
	Mandatory	Carpet systems	5.504.4.4				
	Mandatory	Carpet cushion	5.504.4.4.1				
	Mandatory	Carpet adhesives per Table 5.504.4.1	5.504.4.4.2				
	Mandatory	Composite wood products	5.504.4.5				
	Mandatory	Composite wood products: documentation	5.504.4.5.3				
	Mandatory	Resilient flooring systems	5.504.4.6				
	Mandatory	Resilient flooring: verification of compliance	5.504.4.6.1				
		Mandatory	<u>Thermal insulation</u>	5.504.4.7			

Mandatory	<u>Verification of compliance</u>	5.504.4.7.1				
Mandatory	<u>Acoustical ceilings and wall panels</u>	5.504.4.8				
Mandatory	<u>Verification of compliance</u>	5.504.4.8.1				
Mandatory	Filters (with exceptions)	5.504.5.3				
Mandatory	Filters: labeling	5.504.5.3.1				
Mandatory	Environmental tobacco smoke (ETS) control	5.504.7				
Mandatory	Indoor moisture control	5.505.1				
Mandatory	Outside air delivery	5.506.1				
Mandatory	Carbon dioxide (CO ₂) monitoring	5.506.2				
Mandatory	Acoustical control (with exception)	5.507.4				
Mandatory	Exterior noise transmission, prescriptive method (with exceptions)	5.507.4.1				
Mandatory	Noise exposure where noise contours are not readily available	5.507.4.1.1				
Mandatory	Performance method	5.507.4.2				
Mandatory	Site features	5.507.4.2.1				
Mandatory	Documentation of compliance	5.507.4.2.2				
Mandatory	Interior sound transmission (with note)	5.507.4.3				
Mandatory	Ozone depletion and greenhouse gas reductions	5.508.1				
Mandatory	Chlorofluorocarbons (CFCs)	5.508.1.1				
Mandatory	Halons	5.508.1.2				
Mandatory	Supermarket refrigerant leak reduction for retail food stores 8,000 square feet or more Sections 5.508.2 through 5.508.2.6.3	5.508.2 through 5.508.2.6.3				
	END OF MANDATORY PROVISIONS					

Documentation Author's / Responsible Designer's Declaration Statement

Mandatory: I attest that this mandatory provisions checklist is accurate and complete.

Signature:

Company:		Date:	
Address:		License:	
City/State/Zip:		Phone:	