

ORDINANCE NO. 2016-22

ADOPTION OF CALIFORNIA BUILDING STANDARDS CODES

The Contra Costa County Board of Supervisors ordains as follows (omitting the parenthetical footnotes from the official text of the enacted or amended provisions of the County Ordinance Code):

SECTION I. SUMMARY. This ordinance adopts the 2016 California Building Code, the 2016 California Residential Code, the 2016 California Green Building Standards Code, the 2016 California Electrical Code, the 2016 California Plumbing Code, the 2016 California Mechanical Code, and the 2016 California Existing Building Code, with changes, additions, and deletions that are necessary because of local climatic, geological, or topographical conditions. This ordinance is adopted pursuant to Health and Safety Code sections 17922, 17958, 17958.5, and 17958.7, and Government Code sections 50020 through 50022.10.

SECTION II. Section 74-2.002 (Adoption) of Division 74 (Building Code) of the County Ordinance Code is amended to read:

74-2.002 Adoption.

- (a) The building code of this county is the 2016 California Building Code (California Code of Regulations, Title 24, Part 2, Volumes 1 and 2), the 2016 California Residential Code (California Code of Regulations, Title 24, Part 2.5), the 2016 California Green Building Standards Code (California Code of Regulations, Title 24, Part 11), and the 2016 California Existing Building Code (California Code of Regulations, Title 24, Part 10), as amended by the changes, additions, and deletions set forth in this division and Division 72.
- (b) The 2016 California Building Code, with the changes, additions, and deletions set forth in Chapter 74-4 and Division 72, is adopted by this reference as though fully set forth in this division.
- (c) The 2016 California Residential Code, with the changes, additions, and deletions set forth in Chapter 74-4 and Division 72, is adopted by this reference as though fully set forth in this division.
- (d) The 2016 California Green Building Standards Code, with the changes, additions, and deletions set forth in Chapter 74-4 and Division 72, is adopted by this reference as though fully set forth in this division.
- (e) The 2016 California Existing Building Code, with the changes, additions, and deletions

set forth in Chapter 74-4 and Division 72, is adopted by this reference as though fully set forth in this division.

- (f) At least one copy of this building code is now on file with the building inspection division, and the other requirements of Government Code section 50022.6 have been and shall be complied with.
- (g) As of the effective date of the ordinance from which this division is derived, the provisions of the building code are controlling and enforceable within the county. (Ords. 2016-22 § 2, 2013-24 § 2, 2011-03 § 2, 2007-54 § 3, 2002-31 § 3, 99-17 § 5, 99-1, 90-100 § 5, 87-55 § 4, 80-14 § 5, 74-30.)

SECTION III. Chapter 74-4 (Modifications) of Division 74 (Building Code) of the County Ordinance Code is amended to read:

**Chapter 74-4
MODIFICATIONS**

74-4.002 Amendments to CBC. The 2016 California Building Code ("CBC") is amended by the changes, additions, and deletions set forth in this chapter and Division 72. Section numbers used below are those of the 2016 California Building Code.

- (a) CBC Chapter 1 (Scope and Administration) is amended by the provisions of Division 72 of this code and as follows:
 - (1) Sections 103, 109, 112, 113, 114, and 116 of CBC Chapter 1 are deleted.
 - (2) In Section 105.2 (Work exempt from permit) of CBC Chapter 1, subsection 4 is amended to read:
 - 4. Retaining walls that are not more than 3 feet in height measured from the top of the footing to the top of the wall and that have a downward ground slope at the bottom of the retaining wall not exceeding 1(vertical):10(horizontal), unless supporting a surcharge or ground slope exceeding 1(vertical):2(horizontal) or impounding Class I, II, or III-a liquids.
 - (3) Section 107.1 (Submittal Documents - General) of CBC Chapter 1 is amended by deleting the exception.
 - (4) Section 107.2.1 (Information on construction documents) of CBC Chapter 1 is amended to read:

107.2.1 Information on Construction Documents. Construction documents shall include dimensions and shall be drawn to scale on suitable material. Electronic media documents may be submitted when approved in advance by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature, and extent of the work proposed and to show in detail that it will conform to this code and all relevant laws, ordinances, rules, and regulations. The first sheet of each set of plans shall include contact information for the owner and the person or persons who prepared the plans. Plans shall include a plot plan showing all existing property lines labeled and fully dimensioned, the elevations of the top and toe of cuts and fills, and the location of the proposed building with distances to all property lines and to every existing building on the property. Instead of detailed specifications, the county building official may approve references on the plans to a specific section or part of this code or other ordinances or laws.

- (5) Section 110.1 (Inspections - General) of CBC Chapter 1 is amended by adding the following to the end of that section:

At the time of first inspection by the county building official, a California licensed Land Surveyor or Civil Engineer shall certify in writing that the structure is placed according to the approved set of plans. The written certification must include the site address and permit number. This requirement does not apply to alterations or repairs to existing structures that do not affect the exterior limits of the existing structures.

- (b) Section 907.2.11.9 (Existing Group R Occupancies) of CBC Chapter 9 (Fire Protection Systems) is amended to read:

907.2.11.9 Existing Group R Occupancies. In existing flat roof buildings, the installation of a smoke detector that complies with California Residential Code Section R314.6 shall be required when a pitched roof is added on top of the existing flat roof and the solid sheathing of the flat roof is not removed.

- (c) Section 1406.5 is added to Section 1406 (Combustible Materials on the Exterior Side of Exterior Walls) of CBC Chapter 14 (Exterior Walls), to read:

1406.5 Wood shakes or shingles. Wood shakes or shingles used for exterior wall covering shall be fire treated unless there is a minimum of 10 feet from the exterior wall (including shakes or shingles) to the property line of all sides, except for any sides of exterior walls facing the street.

- (d) In Section 1705.3 (Concrete construction) of CBC Chapter 17 (Special Inspections and Tests), Exception 1 is amended to read:
 - 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 of no greater than 2,500 pound per square inch (psi) (17.2 Mpa).
- (e) Section 1809.8 (Plain concrete footings) of CBC Chapter 18 (Soils and Foundations) is deleted.
- (f) Section 1810.3.9.3 (Placement of reinforcement) of CBC Chapter 18 (Soils and Foundations) is amended by deleting Exception 3.
- (g) Section 1906 (Structural Plain Concrete) of CBC Chapter 19 (Concrete) is deleted.
- (h) Section 1907.1 (Minimum Slab Provisions - General) of CBC Chapter 19 (Concrete) is amended by adding the following sentence to that section:

Slabs shall have 6-inch by 6-inch by 10-gauge wire mesh or equal at mid-height.
- (i) Appendix C and Appendix I of the CBC are incorporated into the County building code. Appendix A, Appendix B, Appendix D, Appendix E, Appendix F, Appendix G, Appendix H, Appendix J, Appendix K, Appendix L, and Appendix M of the CBC are excluded from the County building code. (Ords. 2016-22 § 3, 2013- 24 § 3, 2011-03 § 3, 2007-54 § 4, 2002-31 § 3, 99- 17 § 6, 99-1, 90-100 § 6, 87-55 § 5, 80-14 § 6, 74-30 § 1.)

74-4.004 Amendments to CRC. The 2016 California Residential Code ("CRC") is amended by the changes, additions, and deletions set forth in this chapter and Division 72. Section numbers used below are those of the 2016 California Residential Code.

- (a) Sections R103, R108, R111, R112, R113, and R114 of CRC Chapter 1 (Scope and Application) are deleted.
- (b) In Section R105.2 (Work exempt from permit) of CRC Chapter 1 (Scope and Application), subsection 3 is amended to read:
 - 3. Retaining walls that are not more than 3 feet in height measured from the top of the footing to the top of the wall and that have a downward ground slope at the bottom of the retaining wall not exceeding 1(vertical):10(horizontal), unless supporting a surcharge or ground slope exceeding 1(vertical):2(horizontal) or impounding Class I, II, or III-a

liquids.

- (c) Table R602.10.3(3) (Bracing Requirements Based on Seismic Design Category) of CRC Chapter 6 (Wall Construction) is amended as follows:

- (1) The title of Table R602.10.3(3) is amended to read:

TABLE R602.10.3(3)^f

- (2) Footnote "f" is added to Table R602.10.3(3), to read:

f. In Seismic Design Categories D0, D1, and D2, Method GB is not permitted and the use of Method PCP is limited to one-story single family dwellings and accessory structures.

- (d) Section R602.10.4.4 is added to Section R602.10.4 (Construction methods for braced wall panels) of CRC Chapter 6 (Wall Construction), to read:

R602.10.4.4 Limits on methods GB and PCP. In Seismic Design Categories D0, D1, and D2, Method GB is not permitted for use as intermittent braced wall panels, but gypsum board is permitted to be installed when required by this section to be placed on the opposite side of the studs from other types of braced wall panel sheathing. In Seismic Design Categories D0, D1, and D2, the use of Method PCP is limited to one-story single family dwellings and accessory structures.

- (e) Appendix H of the CRC is incorporated into the County building code. Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, Appendix F, Appendix G, Appendix I, Appendix J, Appendix K, Appendix L, Appendix M, Appendix N, Appendix O, Appendix P, Appendix Q, Appendix R, Appendix S, Appendix T, Appendix U, Appendix V, and Appendix W of the CRC are excluded from the County building code. (Ords. 2016-22 § 3, 2013- 24 § 3, 2011-03 § 3.)

74-4.006 Amendments to CGBSC. The 2016 California Green Building Standards Code ("CGBSC") is amended by the changes, additions, and deletions set forth in this chapter and Division 72. Section numbers used below are those of the 2016 California Green Building Standards Code.

- (a) Section 301.1.1 (Additions and alterations) of CGBSC Chapter 3 (Green Building) is amended to read:

Section 301.1.1 Additions and alterations. The mandatory provisions of

Chapter 4 shall apply to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration.

The mandatory provisions of Section 4.408 shall apply to the following types of construction or demolition projects for existing residential buildings:

1. Projects that increase the total combined conditioned and unconditioned building area by 5,000 square feet or more.
2. Alterations to existing structures impacting 5,000 square feet or more of total combined conditioned and unconditioned building area.
3. Demolition projects when a demolition permit is required.

Exception: Demolition projects undertaken because the enforcing agency has determined that the demolition is necessary to abate a public nuisance or otherwise protect public health and safety.

For the purposes of determining whether a project meets the 5,000 square-foot threshold, the enforcing agency may deem all phases of a project and all related projects taking place on a single or adjoining parcel(s) as a single project.

Note: On and after January 1, 2014, residential buildings undergoing permitted alterations, additions or improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of final completion, certificate of occupancy or final permit approval by the local building department. See Civil Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment dates.

- (b) Section 301.3.2 (Waste diversion) of CGBSC Chapter 3 (Green Building) is amended to read:

Section 301.3.2 Waste diversion. The requirements of Section 5.408 shall apply to additions, alterations, and demolition whenever a permit is required for work.

Exception: Demolition projects undertaken because the enforcing agency has determined that the demolition is necessary to abate a public nuisance or otherwise protect public health and safety.

- (c) Section 4.106.4.2 (New multifamily dwellings) of CGBSC Chapter 4 (Residential Mandatory Measures) is amended to read:

Section 4.106.4.2 New multifamily dwellings. For any new multifamily dwelling other than a dwelling type specified in Section 4.106.4.1, at least five percent of the total number of parking spaces provided for all types of parking facilities, but in no case no less than one parking space, shall be electric vehicle charging spaces (EV spaces). Each EV space shall be equipped with fully operational electric vehicle supply equipment (EVSE). The location of each EV space shall be identified on construction documents. Calculations to determine the number of EV spaces shall be rounded up to the nearest whole number.

- (d) Section 4.408.1 (Construction waste management) of CGBSC Chapter 4 (Residential Mandatory Measures) is amended to read:

Section 4.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 4.408.2.

Exceptions:

1. Excavated soil and land-clearing debris.
2. The enforcing agency may identify alternate waste reduction requirements if the agency determines that an owner or contractor has adequately demonstrated that diversion or recycling facilities necessary for the owner to comply with this section do not exist or are not located within a reasonable distance from the jobsite.

- (e) Section 4.408.2 (Construction waste management plan) of CGBSC Chapter 4 (Residential Mandatory Measures) is amended to read:

Section 4.408.2 Construction waste management plan. Submit a construction waste management plan for the project, signed by the owner, in conformance with Items 1 through 5 prior to issuance of building permit. The construction waste management plan shall be updated as necessary upon approval by the enforcing agency and shall be available during construction for examination by the enforcing agency. The plan must do all of the following:

1. Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project, or salvage for future use or sale.

2. Specify if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identify diversion and disposal facilities where the construction and demolition waste material will be taken and identify the waste management companies, if any, that will be utilized to haul the construction and demolition waste material. A waste management company utilized to haul construction and demolition waste material must have all applicable County approvals.
4. Identify construction methods employed to reduce the amount of construction and demolition waste generated.
5. Specify that the amount of construction and demolition debris shall be calculated consistent with the enforcing agency's requirements for the weighing of debris. The owner shall make reasonable efforts to ensure that all construction and demolition debris diverted or disposed are measured and recorded using the most accurate method of measurement available. To the extent practicable, all construction and demolition debris shall be weighed using scales. Scales shall be in compliance with all regulatory requirements for accuracy and maintenance. For construction and demolition debris for which weighing is not practical due to small size or other considerations, a volumetric measurement shall be used. The owner shall convert volumetric measurements to weight using the standardized conversion factors approved by the enforcing agency for this purpose.

(f) Section 4.408.3 (Waste management company) of CGBSC Chapter 4 (Residential Mandatory Measures) is deleted.

(g) Section 4.408.4 (Waste stream reduction alternative [LR]) of CGBSC Chapter 4 (Residential Mandatory Measures) is amended to read:

Section 4.408.4 Waste stream reduction alternative [LR]. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills which does not exceed 3.4 pounds per square foot of the building areas shall meet the minimum 65 percent construction waste reduction requirement in Section 4.408.1. The exceptions in Section 4.408.1 shall not apply to this alternative.

- (h) Section 4.408.4.1 (Waste stream reduction alternative) of CGBSC Chapter 4 (Residential Mandatory Measures) is amended to read:

Section 4.408.4.1 Waste stream reduction alternative. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills which does not exceed 2 pounds per square foot of the building areas shall meet the minimum 65 percent construction waste reduction requirement in Section 4.408.1. The exceptions in Section 4.408.1 shall not apply to this alternative.

- (i) Section 4.408.5 (Documentation) of CGBSC Chapter 4 (Residential Mandatory Measures) is amended to read:

Section 4.408.5 Documentation. A construction waste management final report containing information and supporting documentation that demonstrates compliance with Section 4.408.1, Section 4.408.2, Items 1 through 5, and, when applicable, Section 4.408.4 or Section 4.408.4.1, shall be provided to the enforcing agency before the final inspection. The required documentation shall include, but is not necessarily limited to, the following:

1. Documentation of the quantity by weight of each material type diverted or disposed, consistent with the requirements of Section 4.408.2, Item 5, and receipts or written certification from all facilities and waste management companies utilized to divert or dispose waste generated by the project that substantiate the amounts specified on the construction waste management final report; or
2. For projects that satisfy the waste stream reduction alternative specified in Section 4.408.4 or Section 4.408.4.1, documentation of the quantity by weight of each material type disposed and the total combined weight of construction and demolition waste disposed in landfills as a result of the project, the corresponding pounds disposed per square foot of the building area, and receipts or written certification from all facilities and waste management companies utilized to dispose waste generated by the project that substantiate the amounts specified on the construction waste management final report.

- (j) Section 5.106.5.3 (Electric vehicle (EV) charging) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.106.5.3 Electric vehicle (EV) charging. [N] New nonresidential construction shall comply either with Section 5.106.5.3.1 or Section 5.106.5.3.2, whichever is applicable, and provide the required number of fully operational EV charging spaces (EV spaces). Each EV space shall be installed in accordance with the California Building Code and California Electrical Code, and the requirements of Section 5.106.5.3.1 or Section 5.106.5.3.2, whichever is applicable.

- (k) Section 5.106.5.3.1 (Single charging space requirements) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.106.5.3.1 Single charging space requirements. [N] If Table 5.106.5.3.3 requires only one EV space for new nonresidential construction, one fully operational EV space must be installed in accordance with the California Electrical Code. The construction plans and specifications for the new nonresidential construction must satisfy the following requirements:

1. The type and location of the EVSE must be identified on the plans and specifications.
2. The plans and specifications must establish that each raceway is not less than trade size one inch.
3. Each, and at least one, listed raceway capable of accommodating a 208/240-volt dedicated branch circuit must be identified on the plans and specifications.
4. Each raceway must originate at a service panel or subpanel serving the area where the EVSE will be located, and must terminate at the location of the required charging equipment and into a listed, suitable cabinet, box, enclosure, or equivalent structure.
5. Each service panel or subpanel must have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the EVSE.

- (l) Section 5.106.5.3.2 (Multiple charging space requirements) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.106.5.3.2 Multiple charging space requirements. [N] If Table 5.106.5.3.3 requires more than one EV space for new nonresidential construction, the number of fully operational EV spaces specified in Table 5.106.5.3.3 must be installed in accordance with the California Electrical Code. The construction plans

and specifications for the new nonresidential construction must satisfy the following requirements:

1. The type and location of the EVSE must be identified on the plans and specifications.
2. Each raceway must originate at a service panel or subpanel serving the area where the EVSE will be located, and must terminate at the location of the required charging equipment and into a listed, suitable cabinet, box, enclosure, or equivalent structure.
3. Each service panel or subpanel must have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the EVSE.
4. The plans and specifications must include electrical calculations to substantiate that the design of the electrical system, including the rating of equipment and any onsite distribution transformers, has sufficient capacity to simultaneously charge EVs at all required EV spaces at their full-rated amperage.
5. Each service panel or subpanel must have sufficient capacity to accommodate the required number of dedicated branch circuits for the EVSE that will be installed.

(m) Section 5.106.5.3.3 (EV charging space calculation) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.106.5.3.3 EV charging space calculations. [N] The required number of charging spaces with EVSE for new nonresidential construction must be calculated in accordance with Table 5.106.5.3.3.

Exception: On a case-by-case basis, the building official may require new construction to include fewer EV charging spaces than would otherwise be required by Table 5.106.5.3.3, or require no spaces, if the building official determines either of the following:

1. There is insufficient electrical supply to the new construction to adequately serve the required number of EV charging spaces.
2. The cost of the new construction will be substantially adversely impacted by any local utility infrastructure design requirements

that are directly related to the installation of the required number of EV charging spaces.

TABLE 5.106.5.3.3

NONRESIDENTIAL CHARGING SPACE CALCULATION	
TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED EV CHARGING SPACES
1—9	0
10—25	2
26—50	3
51—75	5
76—100	6
101—200	12
201 and over	6%*
*Calculation for spaces shall be rounded up to the nearest whole number	

- (n) Section 5.106.5.3.4 (Identification) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.106.5.3.4 [N] Identification. Each service panel or subpanel circuit directory must identify the reserved overcurrent protective device space or spaces for EV charging as "EV CAPABLE." Each raceway termination location must be permanently and visibly marked "EV CAPABLE."

- (o) Section 5.106.5.3.5 of Chapter 5 of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.106.5.3.5 [N] Each EV charging space required by Section 5.106.5.3.3 shall be counted as one designated parking space required by Section 5.106.5.2.

- (p) Section 5.408.1 (Construction waste management) of CGBSC Chapter 5 Nonresidential Mandatory Measures) is amended to read:

Section 5.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1.

Exceptions:

1. Excavated soil and land-clearing debris.

2. The enforcing agency may identify alternate waste reduction requirements if the agency determines that an owner or contractor has adequately demonstrated that diversion or recycling facilities necessary for the owner to comply with this section do not exist or are not located within a reasonable distance from the jobsite.

(q) Section 5.408.1.1 (Construction waste management plan) of CGBSC Chapter 5 Nonresidential Mandatory Measures) is amended to read:

Section 5.408.1.1 Construction waste management plan. Submit a construction waste management plan for the project, signed by the owner, in conformance with Items 1 through 5 prior to issuance of building permit. The construction waste management plan shall be updated as necessary upon approval by the enforcing agency and shall be available during construction for examination by the enforcing agency. The plan must do all of the following:

1. Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project, or salvage for future use or sale.
2. Specify if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identify diversion and disposal facilities where the construction and demolition waste material will be taken and identify the waste management companies, if any, that will be utilized to haul the construction and demolition waste material. A waste management company utilized to haul construction and demolition waste material must have all applicable County approvals.
4. Identify construction methods employed to reduce the amount of construction and demolition waste generated.
5. Specify that the amount of construction and demolition debris shall be calculated consistent with the enforcing agency's requirements for the weighing of debris. The owner shall make reasonable efforts to ensure that all construction and demolition debris diverted or disposed are measured and recorded using the most accurate method of measurement available. To the extent practicable, all construction and demolition debris shall be weighed using scales. Scales shall be in compliance with all regulatory requirements for accuracy and maintenance. For construction and

demolition debris for which weighing is not practical due to small size or other considerations, a volumetric measurement shall be used. The owner shall convert volumetric measurements to weight using the standardized conversion factors approved by the enforcing agency for this purpose.

- (r) Section 5.408.1.2 (Waste management company) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is deleted.
- (s) Section 5.408.1.3 (Waste stream reduction alternative) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.408.1.3 Waste stream reduction alternative. Projects that generate a total combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65 percent minimum requirement if approved by the enforcing agency. The exceptions in Section 5.408.1 shall not apply to this alternative.

- (t) Section 5.408.1.4 (Documentation) of CGBSC Chapter 5 (Nonresidential Mandatory Measures) is amended to read:

Section 5.408.1.4 Documentation. A construction waste management final report containing information and supporting documentation that demonstrates compliance with Section 5.408.1, Section 5.408.1.1, Items 1 through 5, and, when applicable, Section 5.408.1.3, shall be provided to the enforcing agency before the final inspection. The required documentation shall include, but is not necessarily limited to, the following:

1. Documentation of the quantity by weight of each material type diverted or disposed, consistent with the requirements of Section 5.408.1.1, Item 5, and receipts or written certification from all facilities and waste management companies utilized to divert or dispose waste generated by the project that substantiate the amounts specified on the construction waste management final report; or
2. For projects that satisfy the waste stream reduction alternative specified in Section 5.408.1.3, documentation of the quantity by weight of each new construction material type disposed and the total combined weight of new construction waste disposed as a result of the project, the corresponding pounds of new construction disposal per square foot of the building area, and receipts or

written certification from all facilities and waste management companies utilized to dispose waste generated by the project that substantiate the amounts specified on the construction waste management final report.

(Ords. 2016-22 § 3, 2015-22 § 2.)

74-4.008 Amendments to CEBC. The 2016 California Existing Building Code ("CEBC") is amended by the changes, additions, and deletions set forth in this chapter and Division 72. Section numbers used below are those of the 2016 California Existing Building Code

(a) CEBC Chapter 1 (Scope and Administration) is amended by the provisions of Division 72 of this code and as follows:

- (1) Sections 103, 108, 111, 112, 113, and 115 of CEBC Chapter 1 are deleted.
- (2) Section 106.1 (Construction Documents - General) of CEBC Chapter 1 is amended by deleting the exception.
- (3) Section 106.2.1 (Construction documents) of CEBC Chapter 1 is amended to read:

106.2.1 Construction documents. Construction documents shall include dimensions and shall be drawn to scale on suitable material. Electronic media documents may be submitted when approved in advance by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature, and extent of the work proposed and to show in detail that it will conform to this code and all relevant laws, ordinances, rules, and regulations. The first sheet of each set of plans shall include contact information for the owner and the person or persons who prepared the plans. Plans shall include a plot plan showing all existing property lines labeled and fully dimensioned, the elevations of the top and toe of cuts and fills, and the location of the proposed building with distances to all property lines and to every existing building on the property. Instead of detailed specifications, the county building official may approve references on the plans to a specific section or part of this code or other ordinances or laws.

- (4) Section 109.1 (Inspections - General) is amended by adding the following to the end of that section:

At the time of first inspection by the county building official, a California

licensed Land Surveyor or Civil Engineer shall certify in writing that the structure is placed according to the approved set of plans. The written certification must include the site address and permit number. This requirement does not apply to alterations or repairs to existing structures that do not affect the exterior limits of the existing structures.

(Ord. 2016-22 § 3.)

SECTION IV. Section 76-2.002 (Adoption) of Division 76 (Electrical Code) of the County Ordinance Code is amended to read:

76-2.002 Adoption.

- (a) The electrical code of this county is the 2016 California Electrical Code (California Code of Regulations, Title 24, Part 3) (“CEC”), as amended by the changes, additions, and deletions set forth in this division and Division 72.
- (b) The 2016 California Electrical Code, with the changes, additions, and deletions set forth in Chapter 76-4 and Division 72, is adopted by this reference as though fully set forth in this division.
- (c) At least one copy of this electrical code is now on file with the building inspection division, and the other requirements of Government Code section 50022.6 have been and shall be complied with.
- (d) As of the effective date of the ordinance from which this division is derived, the provisions of the electrical code are controlling and enforceable within the county. (Ords. 2016-22 § 4, 2013-24 § 4, 2011-03 § 4, 2007-54 § 5, 2002-31 § 4, 99-17 § 11, 89-60 § 2, 82-23 § 2, 79-67, 76-24.)

SECTION V. Article 76-4.2 (Amendments) of Division 76 (Electrical Code) is deleted in its entirety and reserved for future use.

SECTION VI. Section 78-2.002 (Adoption) of Division 78 (Plumbing Code) of the County Ordinance Code is amended to read:

78-2.002 Adoption.

- (a) The plumbing code of this county is the 2016 California Plumbing Code (California Code of Regulations, Title 24, Part 5), as amended by the changes, additions, and deletions set forth in Division 72.

- (b) The 2016 California Plumbing Code, with the changes, additions, and deletions set forth in Division 72, is adopted by this reference as though fully set forth in this division.
- (c) At least one copy of this plumbing code is now on file with the building inspection division, and the other requirements of Government Code section 50022.6 have been and shall be complied with.
- (d) As of the effective date of the ordinance from which this division is derived, the provisions of the plumbing code are controlling and enforceable within the county. (Ords. 2016-22 § 6, 2013-24 § 5, 2011-03 § 5, 2007-54 § 6, 2002-31 § 5, 99-17 § 12, 74-29.)

SECTION VII. Section 710-2.002 (Adoption) of Division 710 (Mechanical Code) of the County Ordinance Code is amended to read:

710-2.002 Adoption.

- (a) The mechanical code of this county is the 2016 California Mechanical Code (California Code of Regulations, Title 24, Part 4), as amended by the changes, additions, and deletions set forth in Division 72.
- (b) The 2016 California Mechanical Code, with the changes, additions, and deletions set forth in Division 72, is adopted by this reference as though fully set forth in this division.
- (c) At least one copy of this mechanical code is now on file with the building inspection division, and the other requirements of Government Code section 50022.6 have been and shall be complied with.
- (d) As of the effective date of the ordinance from which this division is derived, the provisions of the mechanical code are controlling and enforceable within the county. (Ords. 2016-22 § 7, 2013-24 § 6, 2011-03 § 6, 2007-54 § 7, 2002-31 § 6, 99-17 § 13, 88-91 § 5, 74-31.)

SECTION VIII. Chapter 418-14 (Construction and Demolition Debris Recovery) of Division 418 (Refuse) of the County Ordinance Code is deleted in its entirety.

SECTION IX. VALIDITY. The Contra Costa County Board of Supervisors declares that if any section, paragraph, sentence, or word of this ordinance or of the 2016 California Building Code, Residential Code, Green Building Code, Plumbing Code, Electrical Code, Mechanical code, or Existing Building Code as adopted and amended herein is declared for any reason to be invalid, it is the intent of the Contra Costa County Board of Supervisors that it would have passed all other portions or provisions of this ordinance independent of the elimination herefrom

any portion or provision as may be declared invalid.

SECTION X. EFFECTIVE DATE. This ordinance becomes effective on January 1, 2017 or 30 days after passage, whichever is later. Within 15 days of passage, this ordinance shall be published once in the Contra Costa Times, a newspaper published in this County. This ordinance shall be published in a manner satisfying the requirements of Government Code section 25124, with the names of supervisors voting for and against it.

PASSED on _____, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST: DAVID J. TWA,
Clerk of the Board of Supervisors
and County Administrator

Board Chair

By: _____
Deputy

[SEAL]

KCK:

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