

**INITIAL STATEMENT OF REASONS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
REGARDING THE 2016 CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2**

(HCD XX/XX)

The Administrative Procedure Act (APA) requires an Initial Statement of Reasons (ISOR) to be available to the public upon request when rulemaking action is being undertaken. The following information required by the APA pertains to this particular rulemaking action:

STATEMENT OF SPECIFIC PURPOSE, PROBLEM, RATIONALE AND BENEFITS:

(Government Code Section 11346.2 requires a statement of specific purpose of **EACH** adoption, amendment or repeal, the problem the agency intends to address and the rationale for the determination by the agency that EACH adoption, amendment or repeal is reasonably necessary to carry out the purpose, including the problem the agency intends to address, for which it is proposed. The statement shall enumerate the benefits anticipated from the regulatory action, including the benefits or goals provided in the authorizing statute.)

1) The Public Problem, Administrative Requirement, or Other Circumstance Addressed.

Administrative Requirement: Health and Safety Code Sections 17922 and 19990 direct the Department of Housing and Community Development (HCD) to adopt the most recent edition of the model code, which in this case is the International Building Code published by the International Code Council (ICC) as selected by the California Building Standards Commission (CBSC), into Part 2 of Title 24 of the California Code of Regulations.

2) Specific Purpose

The CBSC selected the 2015 International Building Code (IBC), published by the International Code Council, as the model code to be referenced in Title 24, Part 2 for the 2015 Triennial Code Adoption Cycle.

The specific purpose of these regulations is to adopt by reference the 2015 edition of the International Building Code, with California Amendments, into the 2016 California Building Code (California Code of Regulations (CCR), Title 24, Part 2), for the following programs:

- a) **State Housing Law:** relative to residential occupancies, buildings or structures accessory thereto and as provided in Health and Safety Code Section 17921.2.
- b) **Employee Housing Act:** relative to any building or structure or outdoors on premises or property in accordance with Health and Safety Code Section 17040.
- c) **Mobilehome Parks or Special Occupancy Parks:** relative to the use of building systems in or on any permanent buildings, accessory buildings, and structures under the ownership and control of the park operator within the park in accordance with Health and Safety Code Section 18300 for mobilehome parks, and Health and Safety Code Section 18865 for special occupancy parks.
- d) **Factory-Built Housing Law:** relative to residential buildings, dwellings or portions thereof, or building components, or manufactured assemblies in accordance with Health and Safety Code Section 19990.

3) Rationale for Necessity

The 2015 International Building Code was published by the ICC and will automatically become adopted in its entirety, pursuant to Health and Safety Code Section 17922 (b), one year from its date of publication if not amended and proposed by HCD to the CBSC for adoption.

If the 2015 International Building Code becomes adopted in its entirety without being proposed for adoption with amendments by HCD to the CBCS, such automatic adoption would cause considerable confusion because California Amendments are necessary modifications to the model code language to ensure that the 2016 California Building Code is consistent with state law and unique California conditions.

It is necessary to propose the adoption of some sections of the 2015 International Building Code, with amendments to the model code language, to incorporate state and federal laws and regulations, and to benefit the health, safety, and general welfare of California residents.

It is necessary to not propose the adoption of some sections of the 2015 International Building Code, as they would conflict with certain existing state and federal laws, and would not benefit the health, safety, and general welfare of California residents.

It is necessary to propose the removal of some California Amendments previously proposed and adopted in the 2013 California Building Code that are duplicated or replaced by similar new model code language, or incorporated state and federal laws, and are no longer necessary.

It is necessary to propose to bring forward previously existing California Amendments. Some existing amendments will be brought forward without any changes and will represent no change in their effect from the 2013 California Building Code. Other previously existing California Amendments will be changed as explained below.

Specific Proposed Regulatory Actions:

HCD proposes to adopt by reference the 2015 edition of the International Building Code with amendments into the 2016 California Building Code. These proposed amendments are intended to provide clarity, specificity and direction to the code user and to implement and make specific existing state laws. Many of the proposed amendments are a result of recommendations developed during the public participation period prior to submittal to the California Building Standards Commission (CBCS) to be included in the 2015 Triennial Code Adoption Cycle. The rationale for each amendment is listed below.

1. CHAPTER 1 SCOPE AND ADMINISTRATION DIVISION I CALIFORNIA ADMINISTRATION

HCD proposes to bring forward existing California amendments in Chapter 1, Division I, from the 2013 California Building Code for adoption into the 2016 California Building Code with modifications as follows:

SECTION 1.1 – GENERAL

Section: 1.1.1 Title.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. The reference to the International Building Code has been updated to show the change from the 2012 International Building Code to the 2015 International Building Code.

Sections: 1.1.2 Purpose.

1.1.3 Scope.

1.1.3.1 Nonstate-regulated buildings, structures, and applications.

Rationale: HCD proposes to continue adoption of the above referenced sections without modifications. Chapter 1, Division I, contains general requirements specific to the needs of California and each state agency. Section 1.1 is similar to Section 1.1 in Chapter 1, Division I, in the California Residential Code, California Existing Building Code, California Mechanical Code and California Plumbing Code. These sections have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1.1.3.2 State-Regulated buildings, structures, and applications.

Rationale: HCD proposes to continue adoption of the above referenced section with modifications as follows:

Item 7: HCD proposes to replace the term “apartment houses” with “apartments,” as used in other chapters of the California Building Code. The term “apartment house” was defined and used last in the 2001 CBC, when the Uniform Building Code was the model code in California. The term “apartment house” has not been used (except in Chapter 1) in the California Building Code since 2007, when the International Building Code became the model code. The term currently used in the CBC is apartment.

Item 8: HCD proposes to modify Item 8 for consistency with the language in Chapter 11A, modified during the 2013 Intervening Code Adoption Cycle. HCD also proposes an editorial modification in Item 8 for consistency with other sections in the California Building Code.

The proposed modifications in Items 7 and 8 provide clarity and consistency to the code user. There is no intended change in regulatory effect.

Sections:

- 1.1.4 Appendices.**
- 1.1.5 Referenced codes.**
- 1.1.6 Nonbuilding standards, orders and regulations.**
- 1.1.7 Order of precedence and use.**
 - 1.1.7.1 Differences.**
 - 1.1.7.2 Specific provisions.**

Rationale: HCD proposes to continue adoption of the above referenced sections without modifications. Chapter 1, Division I, contains general requirements specific to the needs of California and each state agency. Section 1.1 is similar to Section 1.1 in Chapter 1, Division I, in the California Residential Code, California Existing Building Code, California Mechanical Code and California Plumbing Code. These sections have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: **1.1.7.3 Conflicts.**

Rationale: HCD proposes to continue adoption of the above referenced section with modification. HCD proposes to add a new exception, which clarifies that detached one-and two-family dwellings, efficiency dwelling units, townhouses not more than three stories above grade, and accessory structures, are not required to comply with the more restrictive requirements of the CRC, if designed and constructed to the California Building Code. The proposed amendment provides clarity and consistency to the code users and enforcing agencies. There is no intended change in regulatory effect.

Section: **1.1.8 City, county or city and county amendments, additions or deletions.**

Rationale: HCD proposes to continue adoption of the above referenced section without modification. Chapter 1, Division I, contains general requirements specific to the needs of California and each state agency. Section 1.1 is similar to Section 1.1 in Chapter 1, Division I, in the California Residential Code, California Existing Building Code, California Mechanical Code and California Plumbing Code. This section has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Sections: **1.1.8.1 Findings and filings.**

Rationale: HCD proposes to continue adoption of the above referenced section with nonsubstantive editorial modification. The modification provides the code user with the correct address where the HCD headquarters are now located.

Section: **1.1.9 Effective date of this code.**

Rationale: HCD proposes to continue adoption of the above referenced section without modification. Chapter 1, Division I, contains general requirements specific to the needs of California and each state agency. Section 1.1 is similar to Section 1.1 in Chapter 1, Division I, in the California Residential Code, California Existing Building Code, California Mechanical Code and California Plumbing Code. This section has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: **1.1.10 Availability of codes.**

Rationale: HCD proposes to continue adoption of the above referenced section with nonsubstantive editorial modification. The modification provides the code user with the correct reference to the Health and Safety Code, Section 18942 (e) (1) and (2). The proposed modification, which provides clarity to the code user, is necessary due to the changes and renumbering in the Health and Safety Code. There is no intended change in regulatory effect.

**Sections: 1.1.11 Format.
1.1.12 Validity.**

Rationale: HCD proposes to continue adoption of the above referenced sections without modifications. Chapter 1, Division I, contains general requirements specific to the needs of California and each state agency. Section 1.1 is similar to Section 1.1 in Chapter 1, Division I, in the California Residential Code, California Existing Building Code, California Mechanical Code and California Plumbing Code. These sections have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1.8 – DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT (HCD)

Section: 1.8.1 Purpose.

Rationale: HCD proposes to continue adoption of the above referenced section. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.2 – AUTHORITY AND ABBREVIATIONS

Section: 1.8.2.1 General.

Rationale: HCD proposes to continue adoption of the above referenced section. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

Section: 1.8.2.1.1 Housing construction.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. HCD proposes to replace the term “apartment houses” with “apartments,” as used in other chapters of the California Building Code. The term “apartment house” was defined and used last in the 2001 CBC, when the Uniform Building Code was the model code in California. The term “apartment house” has not been used (except in Chapter 1) in the California Building Code since 2007, when the International Building Code became the model code. The term currently used in the CBC is apartment. The proposed modification provides clarity and consistency to the code user. There is no intended change in regulatory effect.

Section: 1.8.2.1.2 Housing accessibility.

Rationale: HCD proposes to continue adoption of the above referenced section with modifications. HCD proposes to replace the term “apartment houses” with “apartments,” as used in other chapters of the California Building Code. The term “apartment house” was defined and used last in the 2001 CBC, when the Uniform Building Code was the model code in California. The term “apartment house” has not been used (except in Chapter 1) in the California Building Code since 2007, when the International Building Code became the model code. The term currently used in the CBC is apartment. HCD also proposes nonsubstantive editorial and punctuation corrections for consistency with other sections in this code. The proposed modifications provide clarity and consistency to the code user. There is no intended change in regulatory effect.

Section: 1.8.2.1.3 Permanent buildings in mobilehome parks and special occupancy parks.

Rationale: HCD proposes to continue adoption of the above referenced section. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.3 – LOCAL ENFORCING AGENCY

Section: 1.8.3.1 Duties and powers.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. HCD proposes to replace the term “apartment houses” with “apartments,” and to add the term “condominiums”, as used in other chapters of the California Building Code. The term “apartment house” was defined and used last in the 2001 CBC, when the Uniform Building Code was the model code in California. The term “apartment house” has not been used (except in Chapter 1) in the California Building Code since 2007, when the International Building Code became the model code. The terms currently used in the CBC are “apartments” and “condominiums”. The proposed modification provides clarity to the code user and consistency with other sections of this chapter. There is no intended change in regulatory effect.

Section: 1.8.3.2 Laws, rules and regulations.

Rationale: HCD proposes to continue adoption of the above referenced section. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

Section: 1.8.3.2.1 State Housing Law.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. HCD proposes to replace the term “apartment houses” with “apartments,” and to add the term “condominiums”, as used in other chapters of the California Building Code. The term “apartment house” was defined and used last in the 2001 CBC, when the Uniform Building Code was the model code in California. “apartment house” has not been used (except in Chapter 1) in the California Building Code since 2007, when the International Building Code became the model code. The terms currently used in the CBC are “apartments” and “condominiums”. The proposed modification provides clarity to the code user and consistency with other sections of this chapter. There is no intended change in regulatory effect.

Sections: 1.8.3.2.2 Mobilehome Parks Act.

1.8.3.2.3 Special Occupancy Parks Act.

1.8.3.2.4 Employee Housing Act.

1.8.3.2.5 Factory-Built Housing Law.

Rationale: HCD proposes to continue adoption of the above referenced sections. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.4 – PERMITS, FEES, APPLICATIONS AND INSPECTIONS

Sections: 1.8.4.1 Permits.

1.8.4.2 Fees.

1.8.4.3 Plan review and time limitations.

Rationale: HCD proposes to continue adoption of the above referenced sections. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

Section: 1.8.4.3.1 Retention of plans.

Rationale: HCD proposes to continue adoption of the above referenced section with modification, which provides the correct reference to the definition of “Common Interest Development” in the Civil Code. The proposed modification is necessary due to the changes and renumbering in the Civil Code. There is no intended change in regulatory effect.

Section: 1.8.4.4 Inspections.

Rationale: HCD proposes to continue adoption of the above referenced section. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute,

promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.5 – RIGHT OF ENTRY FOR ENFORCEMENT

Section: 1.8.5.1 General.

Rationale: HCD proposes to continue adoption of the above referenced section. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.6 – LOCAL MODIFICATION BY ORDINANCE OR REGULATION

Sections: 1.8.6.1 General.

1.8.6.2 Findings, filings, and rejections of local modifications.

Rationale: HCD proposes to continue adoption of the above referenced sections. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.7 – ALTERNATE MATERIALS, DESIGNS, TESTS AND METHODS OF CONSTRUCTION

Section: 1.8.7.1 General.

Rationale: HCD proposes to continue adoption of the above referenced section. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

Section: 1.8.7.2 Local building departments.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. HCD proposes to replace the term “apartment house” with “apartments,” and to add the term “condominiums” to the text, as used in other chapters of the California Building Code. The term “apartment house” was defined and used last in the 2001 CBC, when the Uniform Building Code was the model code in California. The term “apartment house” has not been used (except in Chapter 1) in the California Building Code since 2007, when the International Building Code became the model code. The terms currently used in the CBC are “apartments” and “condominiums”. HCD also proposes to make nonsubstantive editorial modifications to the text for consistency with other sections of Chapter 1. The proposed modifications provide clarity and consistency to the code user. There is no intended change in regulatory effect.

Section: 1.8.7.2.1 Approval of alternates.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. The new modification is necessary to provide clarity and consistency with the language in Chapter 11A, modified during the 2013 Intervening Code Adoption Cycle, relocating definitions for terms used in Chapter 11A to Chapter 2. HCD also proposes an editorial modification for consistency with other sections of this code. There is no intended change in regulatory effect.

Section: 1.8.7.3 Department of Housing and Community Development.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. HCD proposes to replace the term “apartment house” with “apartments,” and to add the term “condominiums” to the text, as used in other chapters of the California Building Code. The term “apartment house” was defined and used last in the 2001 CBC, when the Uniform Building Code was the model code in California. The term apartment house has not been used (except in Chapter 1) in the California Building Code since 2007, when the International Building Code became the model code. The terms currently used in the CBC are “apartments” and “condominiums”. HCD also proposes to make nonsubstantive editorial modifications to the text for consistency with other sections of Chapter 1. The proposed modification provides clarity and consistency to the code user. There is no intended change in regulatory effect.

SECTION 1.8.8 – APPEALS BOARD

Section: 1.8.8.1 General.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. HCD proposes to add the term “construction” to the text addressing the authority of local jurisdictions to hear appeals. The proposed modification provides clarity to the code user and consistency with the Health and Safety Code and Section 1.8.8.2 of this code. There is no intended change in regulatory effect.

Sections: 1.8.8.2 Definitions.
1.8.8.3 Appeals.

Rationale: HCD proposes to continue adoption of the above referenced sections. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.9 - UNSAFE BUILDINGS OR STRUCTURES

Sections: 1.8.9.1 Authority to enforce.
1.8.9.2 Actions and proceedings.

Rationale: HCD proposes to continue adoption of the above referenced sections. Chapter 1, Division I, contains general requirements specific to California, and authorizes different state agencies to promulgate building standards and regulations. Section 1.8 *et seq.*, provides specific requirements and the authority vested to HCD by statute, promotes uniform enforcement throughout the state, and ensures local enforcement agencies are provided with accurate statutory information regarding the enforcement of building standards in California.

SECTION 1.8.10 - OTHER BUILDING REGULATIONS

Section: 1.8.10.1 Existing structures.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. The modification recognizes and incorporates reference to the California Existing Building Code for existing structures, corrects statutory references, and provides consistency with other California codes. There is no intended change in regulatory effect.

Section 1.8.10.2 Moved structures.

Rationale: HCD proposes to continue adoption of the above referenced section with modification. The modification removes reference to California Building Code, Chapter 34, corrects statutory references, and provides consistency with other California codes. There is no intended change in regulatory effect.

2. CHAPTER 1 DIVISION II SCOPE AND ADMINISTRATION

HCD proposes to adopt Chapter 1, Division II, Sections 105.2 (Building: Items 1 – 13 only), 107.1, 107.2.1, 107.2.3, 107.2.4, 107.2.5, 107.2.6, 110.3.1, 110.3.2, 110.3.3, 110.3.4, 110.3.5, 110.3.6, 110.3.8, 110.3.9, 110.3.10 and 110.3.10.1 from the 2015 International Building Code into the 2016 California Building Code, and to bring forward existing California amendments as follows:

SECTION 105 – PERMITS

Section: 105.2 Work exempt from permit. (Building only)

Rationale: HCD proposes to adopt the above referenced section, Building: Items 1-13 only, from the 2015 International Building Code into the 2016 California Building Code without amendments.

SECTION 107 – SUBMITTAL DOCUMENTS

Sections: 107.1 General.
107.2.1 Information on construction documents.
107.2.3 Means of egress.

107.2.4 Exterior wall envelope.

107.2.5 Site plan.

107.2.6 Structural information.

Rationale: HCD proposes to adopt the above referenced sections from the 2015 International Building Code into the 2016 California Building Code without amendments. These sections are referenced in other parts of this code adopted by HCD and used as part of the local agency permitting and inspection process. HCD's adoption of these sections gives local enforcing agencies clear guidance on the type of information required on submitted documents.

SECTION 110 – INSPECTIONS

- Sections:**
- 110.3.1 Footing and foundation inspection.**
 - 110.3.2 Concrete slab and under-floor inspection.**
 - 110.3.3 Lowest floor elevation.**
 - 110.3.4 Frame inspection.**
 - 110.3.5 Lath, gypsum board, and gypsum panel product inspection.**
 - 110.3.6 Fire- and smoke-resistant penetrations.**
 - 110.3.8 Other inspections.**
 - 110.3.9 Special inspections.**
 - 110.3.10 Final inspection.**
 - 110.3.10.1 Flood hazard documentation.**

Rationale: HCD proposes to adopt the above referenced sections from the 2015 International Building Code into the 2016 California Building Code without amendments.

- Sections:**
- 110.3.4.1 Moisture content verification.**
 - 110.3.10.2 Operation and maintenance manual.**

Rationale: HCD proposes to continue adoption of the above referenced sections. These existing California amendments provide the code user with the correct references to the California Green Building Standards Code (CALGreen). The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

**3. CHAPTER 2
DEFINITIONS**

HCD proposes to adopt Chapter 2 from the 2015 International Building Code into the 2016 California Building Code with new, existing, and modified existing amendments as follows:

SECTION 201 – GENERAL

Section: 201.3 Terms defined in other codes.

Rationale: HCD proposes to adopt the above referenced section with modified existing California amendment. The existing amendment eliminates the reference to the International Fuel Gas Code and International Energy Conservation Code, and changes references from the International Fire Code, International Mechanical Code and International Plumbing Code to the California Fire Code, California Mechanical Code and California Plumbing Code, respectively. The proposed modification adds references to the California Residential Code, California Existing Building Code, and California Green Building Standards Code (CALGreen). There is no intended change in regulatory effect.

SECTION 202 – DEFINITIONS

ACCESSIBILITY.

Rationale: HCD proposes to bring forward the above referenced California definition from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

ACCESSIBLE.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. HCD proposes to bring forward the California definition of "Accessible" from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

ACCESSIBLE ROUTE.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. HCD proposes to bring forward the California definition of "Accessible Route" from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

ADAPTABLE DWELLING UNIT.

Rationale: HCD proposes to bring forward the above referenced California definition from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

APPROVED.**APPROVED AGENCY.**

Rationale: HCD proposes to adopt the above referenced definitions with existing California amendments. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

APPROVED LISTING AGENCY.**APPROVED TESTING AGENCY.****ASSISTIVE DEVICE.****AUTOMATIC DOOR.****BATHROOM.**

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

BUILDING.

Rationale: HCD proposes to adopt the above referenced definition with existing California amendment. The existing amendment adds exceptions and clarifies the language in the 2015 International Building Code definition, providing consistency with applicable state law to direct the code user to applications under the authority of HCD. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

BUILDING ENTRANCE ON AN ACCESSIBLE ROUTE.**BUILDING, EXISTING.**

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

CARRIAGE UNIT.

Rationale: HCD proposes to continue adoption of the above referenced California definition with modification. This definition has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code.

The definition for carriage units was adopted in 2006, when Chapter 11A was reorganized, to provide clarity to the code user. The originally proposed definition was consistent with the definition provided by the Department of Housing and Urban Development (HUD). HCD further modified the definition, clarifying that the floor area of a carriage unit may extend over the footprint of a private garage used or assigned to another carriage unit in the building. This modification was only intended to allow a carriage unit to extend over the footprint of another garage, and was never intended to allow a carriage unit to be constructed over two or more parking garages. However, HCD is aware that this definition has been interpreted differently in different jurisdictions in California, which "allowed" some building departments to approve dwelling units built over multiple parking garages as carriage units. This is a direct conflict with the FHA requirements and HCD's intent. Pursuant to the Government Code, Section 12955.1 (e), the California building standards for persons with disabilities shall meet or exceed the requirements under the Fair Housing Amendments Act of 1988 and its implementing regulations. Therefore, HCD proposes to amend the existing definition of carriage unit, providing clarity and consistency with the federal standards. There is no intended change in regulatory effect. (See HUD/DOJ Joint Statement, Question 6.)

CELLULAR CONCRETE.**CHARACTERS.**

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

CLEAR FLOOR SPACE.

Rationale: HCD proposes to adopt the above referenced definition. The term “clear floor space” is used in Chapters 11A and 11B, and is defined in Chapter 2. However, the definition is adopted by the Division of the State Architect (DSA), but not by HCD. HCD proposes to co-adopt the definition, providing clarity and consistency to the code user. There is no intended change in regulatory effect.

COMMON USE AREAS.

Rationale: HCD proposes to bring forward the above referenced California definition from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

COVERED MULTIFAMILY DWELLINGS.

Rationale: HCD proposes to repeal the existing definition of “covered multifamily dwellings,” and adopt a new definition into the 2016 California Building Code. The newly proposed definition is a result of comments received from stakeholders, code users and enforcing agencies.

Some stakeholders expressed a concern that the existing definition does not provide enough clarity for the subject it covers. Others were concerned that the definition may be interpreted by code users and enforcing agencies in an incorrect way. HCD proposes to amend the existing language, in an effort to provide clarity to the code users. The newly proposed definition, based on the Government Code Section 12955.1.1(a), is also consistent with the Fair Housing Amendment Act Guidelines. There is no intended change in regulatory effect.

Note: HCD intended to propose the same amendment during the 2013 Intervening Code Adoption Cycle. However, the language proposed for the 45-day comment period unintentionally did not contain the last paragraph, which reduced the scope of the definition as only applicable to apartments and condominiums. As a result, after comments received during the 45-day comment period, HCD withdrew this proposal.

CROSS SLOPE.**CURB CUT.****CURB RAMP.****DEPARTMENT.****DETACHED SINGLE-FAMILY DWELLING.**

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

DETECTABLE WARNING.

Rationale: HCD proposes to adopt the above referenced definition from the 2015 International Building Code, and to repeal the existing California definition of detectable warning, currently in the 2013 California Building Code. The two definitions are identical (except for the phrase “visually impaired persons”); There is no need for the adoption of a California definition that duplicates the model code definition. HCD adopted the California definition of detectable warning during the 2013 Triennial Code Adoption Cycle for consistency with the Division of the State Architect (DSA). Currently DSA is also proposing to repeal the California definition, and adopt the model code language. The proposed amendment provides clarity and consistency to the code user. There is no intended change in regulatory effect.

DIRECTIONAL SIGN.

Rationale: HCD proposes to bring forward the above referenced California definition from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

DWELLING UNIT.

Rationale: HCD proposes to adopt the above referenced definition with existing California amendment. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

EFFICIENCY DWELLING UNIT.

Rationale: HCD proposes to bring forward the above referenced California definition from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

ELEVATOR, PASSENGER.

Rationale: HCD proposes to continue adoption of the above referenced existing California definition, which refers the code user to the HCD definition located under “Passenger Elevator”.

ENFORCEMENT.
ENFORCING AGENCY.
ENTRANCE.
EQUIVALENT FACILITATION.
FAMILY.
GRAB BAR.
GRADE.
GROUND FLOOR.

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

GUARD OR GUARDRAIL.

Rationale: HCD proposes to adopt the above referenced definition with modified existing California amendment. The existing amendment informs the code user that the term guardrail is synonymous with the 2015 International Building Code definition of guard. HCD proposes to add the (HCD 1-AC) banner, clarifying that the term is used in Chapter 11A (as currently shown in the Matrix Adoption Table). With this modification HCD is correcting an oversight. There is no intended change in regulatory effect.

HOUSING AT A PLACE OF EDUCATION.

HOTEL OR MOTEL.

Rationale: HCD proposes to bring forward the above referenced definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

INTERNATIONAL SYMBOL OF ACCESSIBILITY.

KICK PLATE.

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

LABELED.

Rationale: HCD proposes to adopt the above referenced definition with existing California amendment. The existing amendment provides clarity and consistency with the definition in the Health and Safety Code Section 17920(g). HCD proposes to bring forward the existing definition as amended from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

LAVATORY.

LEVEL AREA.

LIFT, PLATFORM (WHEELCHAIR).

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

LISTED.

Rationale: HCD proposes to adopt the above referenced definition with existing California amendment, which provides consistency with language in the Health and Safety Code Section 17920 (h). HCD proposes to bring forward the existing definition as amended from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

LISTING AGENCY.

LOBBY.

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

LODGING HOUSE.

Rationale: HCD proposes to not adopt the definition of lodging house from the 2015 International Building Code. HCD proposes to bring forward the California definition of lodging house from the 2013 California Building Code for adoption into the 2016 California Building Code with modification. The proposed modification is intended to provide clarity and consistency with the definition of transient lodging. HCD also proposes to add the (HCD 1-AC) banner, clarifying that the term is used in Chapter 11A. There is no intended change in regulatory effect.

MARKED CROSSING.
MOTEL.
MULTISTORY DWELLING UNIT.
NEWLY CONSTRUCTED.
NORMAL.
OPEN RISER.
OPERABLE PART.
PASSAGE DOOR.

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

PASSENGER ELEVATOR.

Rationale: HCD proposes to bring forward the above referenced existing California definition from the 2013 California Building Code for adoption into the 2016 California Building Code with modification. HCD proposes to incorporate language from the definition adopted by the Division of the State Architect. The proposed modification provides clarity and consistency to the code user. There is no intended change in regulatory effect.

PASSIVE SOLAR ENERGY COLLECTOR.
PEDESTRIAN.
PEDESTRIAN WAY.
PERSONS WITH DISABILITIES.
PICTOGRAM.
PLACE OF PUBLIC ACCOMMODATION.
PLATFORM (WHEELCHAIR) LIFT.
POWDER ROOM.
PRIMARY ENTRY.
PRIMARY ENTRY LEVEL.
PUBLIC ENTITY.
PUBLIC HOUSING.

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

PUBLIC-USE AREAS.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. HCD proposes to bring forward the California definition of public use areas from the 2013 California Building Code for adoption into the 2016 California Building Code with modification.

HCD proposes to add the phrase “or facility” in order to clarify that public use areas are not limited to rooms or spaces of a building only, but may include rooms or spaces at a facility (such as swimming pools, tennis courts, playgrounds, etc.). The proposed modification provides clarity to the code user and consistency with DSA’s proposal in Chapter 2. There is no intended change in regulatory effect.

RECOMMEND.
RISER.
RUNNING SLOPE.
SANITARY FACILITY.
SHOULD.
SIDEWALK.
SINGLE-ACCOMMODATION SANITARY FACILITY.
SITE DEVELOPMENT.
SINK.
SLEEPING ACCOMMODATIONS.
SLOPE.
SPACE.
TACTILE.
TACTILE SIGN.
TEXT TELEPHONE.
TESTING AGENCY.
TRANSIENT LODGING.
TREAD.

TTY.
UNREASONABLE HARDSHIP.
VEHICULAR OR PEDESTRIAN ARRIVAL POINTS.
VEHICULAR WAY.
WALK.
WHEELCHAIR.

Rationale: HCD proposes to bring forward the above referenced California definitions from the 2013 California Building Code for adoption into the 2016 California Building Code without modification.

4. CHAPTER 2 DEFINITIONS

HCD proposes to not adopt the following Chapter 2 definitions from the 2015 International Building Code:

**ACCESSIBLE.
ACCESSIBLE ROUTE.**

Rationale: HCD proposes to not adopt the above referenced definitions from the 2015 International Building Code. The above referenced definitions conflict with existing California definitions proposed for adoption as California amendments in a separate action.

ACCESSIBLE UNIT.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. The term accessible unit is not used in HCD's accessibility standards. There is no need for an unused term to be defined.

COMMON USE.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. The term common use is not used in HCD's proposed accessibility standards. HCD proposes to bring forward the definition of common use areas from the 2013 California Building Code (see rationale in Item 3).

CONCRETE.

Cellular.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. HCD proposes to bring forward the definition of cellular concrete from the 2013 California Building Code (see rationale in Item 3).

INTENDED TO BE OCCUPIED AS A RESIDENCE.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. The term is used only in Chapter 11, which is not adopted in California and not printed in the California Building Code. There is no need for unused terms to be defined.

LODGING HOUSE.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. The above referenced definition conflicts with an existing California definition, proposed for adoption as California amendments in a separate action.

MULTILEVEL ASSEMBLY SEATING.

MULTISTORY UNITS.

Rationale: HCD proposes to not adopt the above referenced definitions from the 2015 International Building Code. The terms are used only in Chapter 11, which is not adopted in California and is not printed in the California Building Code. There is no need for unused terms to be defined.

PUBLIC-USE AREAS.

Rationale: HCD proposes to not adopt the above referenced definition from the 2015 International Building Code. The above referenced definition conflicts with an existing California definition, proposed for adoption as California amendments in separate action.

SELF-SERVICE STORAGE FACILITY.

TYPE A UNIT.

TYPE B UNIT.

Rationale: HCD proposes to not adopt the above referenced definitions from the 2015 International Building Code. The terms are used only in Chapter 11, which is not adopted in California and is not printed in the California Building Code. There is no need for unused terms to be defined.

5. CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION

HCD proposes to adopt Chapter 3, except Section 308.3, from the 2015 International Building Code into the 2016 California Building Code, with new and existing amendments as follows:

SECTION 302 – CLASSIFICATION

Section: 302.1 General. (Item 11)

Rationale: HCD proposes to adopt the above referenced section with existing California amendment. The existing amendment adds Group R-2.1 and Group R-3.1 occupancy classifications to correlate with the Office of the State Fire Marshal's existing amendment in Section 310.1.

Note: The Item numbers in the model code are different due to the Office of the State Fire Marshal's amendments, which are proposed to be carried forward in separate rulemaking activity by the Office of the State Fire Marshal.

SECTION 305 – EDUCATIONAL GROUP E

Section: 305.2.3 Five or fewer children in a dwelling unit.

Rationale: HCD proposes to adopt the above referenced section with existing California amendment, which changes a reference from the International Residential Code to the California Residential Code. There is no intended change in regulatory effect.

SECTION 308 – INSTITUTIONAL GROUP I

Section 308.3 Group I-1.

Rationale: HCD proposes to not adopt the above referenced section from the 2015 International Building Code because Group I-2 is not used in California. Instead, Group R-2.1 and Group R-3.1 are added to the occupancy groups in Section 310 to correlate with the Office of the State Fire Marshal's amendments.

SECTION 310 – RESIDENTIAL GROUP R

Section: 310.1 Residential Group R.

Rationale: HCD proposes to adopt the above referenced section with existing California amendment. The existing amendment changes a reference from the International Residential Code to the California Residential Code. There is no intended change in regulatory effect.

Sections: 310.3 Residential Group R-1. 310.4 Residential Group R-2. 310.5 Residential Group R-3.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments, which have been brought forward from the 2013 CBC, add language to include efficiency dwelling units. There is no intended change in regulatory effect.

Section: 310.5.2 Lodging houses.

Rationale: HCD proposes to adopt the above referenced section (new in the model code) with a new California amendment. The newly proposed amendment changes a reference from the International Residential Code to the California Residential Code. There is no intended change in regulatory effect.

6. CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

HCD proposes to adopt Chapter 4 from the 2015 International Building Code into the 2016 California Building Code with new and existing amendments as follows:

SECTION 406 – MOTOR-VEHICLE RELATED OCCUPANCIES

Note: Section 406.3 Private garages and carports has been reorganized and renumbered from the 2012 International Building Code. The former section numbers of all California amendments are shown in brackets for convenience.

Section: **406.3.2 Clear height. (New)**

Rationale: HCD proposes to adopt the above referenced section with a new California amendment. The newly proposed amendment provides the code user with the correct reference to Chapter 11A, which contains height requirements for accessible vehicle and pedestrian areas. This amendment is consistent with the existing amendment to Section 406.4.1. There is no intended change in regulatory effect.

Section: **406.3.6 Automatic garage door openers. (Formerly Section 406.3.5)**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to the existing residential garage door opener provisions in the Health and Safety Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code, and renumbered for compliance with the reorganized model code. There is no intended change in regulatory effect.

Section: **406.4.1 Clear height.**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to Chapter 11A, which contains height requirements for accessible vehicle and pedestrian areas. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: **406.6.2 Ventilation.**

Section: **406.8.2 Ventilation.**

Section: **406.8.4 Heating equipment.**

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments provide the code user with the correct reference to the California Mechanical Code since the International Mechanical Code is not proposed for adoption in California. The California amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 409 – MOTION PICTURE PROJECTION ROOMS

Section: **409.3 Projection room and equipment room ventilation.**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 414 – HAZARDOUS MATERIALS

Sections: **414.1.2 Materials.**

414.3 Ventilation.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments provide the code users with correct references to the California Mechanical Code and the California Fire Code. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 415 – GROUPS H-1, H-2, H-3, H-4 AND H-5

Rationale: Section 415 has been reorganized from the 2012 International Building Code. The former section numbers of all California amendments are shown in brackets for convenience.

Sections:	415.9.1 (Formerly 415.8.2)	Flammable and combustible liquids.
	415.9.1.7 (Formerly 415.8.2.7)	Room ventilation.
	415.9.2 (Formerly 415.8.3)	Liquefied petroleum gas facilities.
	415.9.3 (Formerly 415.8.4)	Dry cleaning plants.

415.11.11 (Formerly 415.10.11) Automatic sprinkler system protection in exhaust ducts for HPM.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments provide the code user with correct references to the California Mechanical Code, the California Plumbing Code, or the California Fire Code. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code, and renumbered for compliance with the reorganized model code. There is no intended change in regulatory effect.

SECTION 416 – APPLICATION OF FLAMMABLE FINISHES

Sections: **416.2.2 Ventilation.**
 416.3 Spraying spaces.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments, brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. The existing amendments provide the code user with the correct reference to the California Mechanical Code. There is no intended change in regulatory effect.

SECTION 417 – DRYING ROOMS

Section: **417.1 General.**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 419 – LIVE/WORK UNITS

Section: **419.7 Accessibility.**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment informs the code user of possible applicable accessibility provisions (depending on building design and use) in Chapter 11A, since Chapter 11 of the International Building Code is not proposed for adoption and will not be printed in the California Building Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: **419.8 Ventilation.**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with a correct reference to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: **419.9 Plumbing Facilities.**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides a correct reference to the California Plumbing Code since Chapter 29 of the International Building Code is not proposed for adoption in California. Section 1103.2.13 of the International Building Code, referenced in this model code section, is also proposed for deletion since Chapter 11 of the International Building Code is not proposed for adoption and will not be printed in the California Building Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 420 – GROUPS I-1, R-1, R-2, R-3

Section: **420.7 Construction waste management.**

Rationale: HCD proposes to continue adoption of the above referenced existing California amendment into the 2016 California Building Code with modification. During the 2012 Triennial Code Adoption Cycle, pointers to mandatory CALGreen requirements were adopted into this code to enhance user convenience and familiarity. These pointers are excerpts to code sections in CALGreen. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code with modification to implement proposed changes in CALGreen.

**Sections: 420.8 Special provisions for residential hotels.
420.8.1 Locking mail receptacles.**

Rationale: HCD proposes to continue adoption of the above referenced existing California amendment. The existing amendment is necessary for implementation of a statutory requirement for locking mail receptacles for each residential unit in residential hotels. The amendment also serves as a pointer for the code user to Health and Safety Code Section 17958.3 for further reference and detail. The California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 421 – HYDROGEN FUEL GAS ROOMS

Section: 421.5 Exhaust ventilation.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with a correct reference to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

**7. CHAPTER 4
SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY**

HCD proposes to repeal and not bring forward Section 420.6 from the 2013 California Building Code.

SECTION 420 - GROUPS I-1, R-1, R-2, R-3

Section: 420.6 Carbon monoxide alarms.

Rationale: HCD proposes to repeal the California Section 420.6 from the 2013 California Building Code. Section 420.6 was codified in the 2010 CBC during the 2010 Annual Code Adoption Cycle after the Carbon Monoxide Poison Prevention Act of 2010 was enacted. At that time, there were no CO requirements in the International Building Code. ICC included new mandates for installation of CO alarms in Group I and Group R occupancies in the 2012 IBC, Section 908.7. However, for the purposes of consistency with the state law, HCD did not adopt Section 908.7 during the 2012 Triennial Code Adoption Cycle, and this section was not printed in the 2013 California Building Code.

The proposal for CO alarms in the 2015 IBC, Section 915, was developed by the ICC Fire Code Action Committee (FCAC). This ICC committee was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International codes. After detailed evaluation and comparison, HCD has determined that the measures for CO alarms in the 2015 International Building Code, Section 915, in most parts, match the existing CO alarm requirements in Section 420.6. Therefore, HCD proposes to adopt Section 915 with California amendments. (See rationale for Section 915.)

**8. CHAPTER 5
GENERAL BUILDING HEIGHTS AND AREAS**

HCD proposes to adopt Chapter 5 from the 2015 International Building Code into the 2016 California Building Code with existing amendment as follows:

SECTION 503 – GENERAL BUILDING HEIGHT AND AREA LIMITATIONS

Section: 503.1 General. Exception.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment clarifies the special exception for types of construction, which may be used for limited-density owner-built rural dwellings. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

**9. CHAPTER 6
TYPES OF CONSTRUCTION**

HCD proposes to adopt Chapter 6 from the 2015 International Building Code into the 2016 California Building Code with existing and modified existing amendments as follows:

SECTION 603 – COMBUSTIBLE MATERIAL IN TYPE I AND II CONSTRUCTION

Sections: **603.1 Allowable materials. (Item 25)**
 603.1.1 Ducts.
 603.1.2 Piping.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments provide the code user with the correct reference to the California Mechanical Code and the California Plumbing Code, since the International versions of these codes are not proposed for adoption in California. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: **603.1.3 Electrical.**

Rationale: HCD proposes to adopt the above referenced section with a modified existing California amendment. The existing amendment repeals the phrase “this code,” and provides the code user with the correct reference to the California Electrical Code. Since the California Building Code contains provisions for combustible materials not related to the electrical code, HCD proposes to leave the phrase “this code” in the text, and to continue referring to the California Electrical Code. The proposed modification provides clarity to the code user. There is no intended change in regulatory effect.

10. CHAPTER 7 FIRE AND SMOKE PROTECTION FEATURES

HCD proposes to adopt Chapter 7 from the 2015 International Building Code into the 2016 California Building Code with new and existing amendments as follows:

SECTION 703 – FIRE RESISTANCE RATINGS AND FIRE TESTS

Section: **703.4 Automatic sprinklers.**

Rationale: HCD proposes to adopt the above referenced section with new California amendment. The new amendment refers the code user to Section 1.8.7 which is the correct section containing the requirements for alternative materials, designs, tests and methods of construction for residential structures. Sections 104.10 and 104.11, referenced in Section 703.4, are not proposed for adoption by HCD.

SECTION 712 – VERTICAL OPENINGS

Section: **712.1.6 (Formerly 712.1.5) Ducts and air transfer openings.**

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code and renumbered to align with the changes made to section numbers in Chapter 7. There is no intended change in regulatory effect.

SECTION 717 – DUCTS AND AIR TRANSFER OPENINGS (Formerly Section 716)

Sections: **717.2.2 Hazardous exhaust ducts.**
 717.5.3 Shaft enclosures. (Exception 5)
 717.5.4 Fire partitions. (Exception 3)
 717.6.1 Through penetrations.
 717.6.2 Membrane penetrations.
 717.6.3 Nonfire-resistance-rated floor assemblies.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments, which provide the code user with correct references to the California Mechanical Code. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change of regulatory effect.

SECTION 718 – CONCEALED SPACES

Section: 718.5 Combustible materials in concealed spaces in Type I or II construction. (Exceptions 2 and 5)

Rationale: HCD proposes to adopt the above referenced section with existing California amendments. The existing amendments provide the code user with the correct references to the California Mechanical Code and California Plumbing Code since the International versions of these codes are not proposed for adoption in California. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code.

SECTION 720 – THERMAL-AND SOUND-INSULATING MATERIALS (Formerly Section 719)

Sections: 720.1 General. (Exception 3)
720.7 Insulation and covering on pipe and tubing. Exception.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments, which provide the code user with the correct reference to the California Mechanical Code. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 721 – PRESCRIPTIVE FIRE RESISTANCE

Sections: 721.2 Cellular concrete.
721.2.1 Use and application.

Rationale: HCD proposes to continue adoption of the above referenced sections (California amendment), which provides measures for the use of cellular concrete. The existing California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

11. CHAPTER 8 INTERIOR FINISHES

HCD proposes to adopt Chapter 8 from the 2015 International Building Code into the 2016 California Building Code without amendments.

12. CHAPTER 9 FIRE PROTECTION SYSTEMS

HCD proposes to adopt Chapter 9, except Section 908.7, from the 2015 International Building Code into the 2016 California Building Code with new and existing amendments as follows:

SECTION 903 – AUTOMATIC SPRINKLER SYSTEMS

Section: 903.2.11.4 Ducts conveying hazardous exhausts.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment refers the code user to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 903.3.5 Water supplies.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment refers the code user to the California Plumbing Code since the International Plumbing Code is not proposed for adoption in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 904 – ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

Section: 904.2.2 (Formerly 904.2.1) Commercial hood and duct systems.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Mechanical Code and the California Fire Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 904.3.1 Electrical wiring.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to the California Electrical Code. The National Electrical Code (NFPA 70) is being adopted by reference into the California Electrical Code for use in California. This existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 904.11.1.3 Water supply protection.

Rationale: HCD proposes to adopt the above referenced section with a new California amendment, which provides the code user with the correct reference to the California Plumbing Code. The International Plumbing Code is not proposed for adoption in California. The newly proposed amendment is necessary because of the new model code language. There is no intended change in regulatory effect.

SECTION 907 – FIRE ALARM AND DETECTION SYSTEMS

Section: 907.3.1 Duct smoke detectors.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Mechanical Code. The California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 907.5.2.3.3 (Formerly 907.5.2.3.4) Group R-2.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment removes International Building Code reference to ICC A117.1, and provides a reference to the NFPA 72 standard for fire alarms. The model code references ICC A117.1 as the applicable standard. Although the Fair Housing Amendments Act references ICC A117.1 as a safe harbor for the design and construction of accessible housing, in some areas California has accessibility requirements that exceed those in ICC A117.1. Therefore, ICC A117.1 has not been adopted in California. The California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 907.6.1 Wiring.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to the California Electrical Code. The California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 908 – EMERGENCY ALARM SYSTEMS

Section: 908.6 Refrigerant detector.

Rationale: HCD proposes to adopt the above referenced section with existing California amendment, which refers the code user to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 908.7 Carbon Dioxide (CO₂) systems.

Rationale: HCD proposes not to adopt the above referenced section. Section 908.7 provides for CO₂ systems as required in the International Fire Code. However, HCD does not adopt the International Fire Code, and does not have authority to propose standards for CO₂ systems.

SECTION 909 – SMOKE CONTROL SYSTEMS

Sections: 909.1 Scope and purpose.
909.10.2 Ducts.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments refer the code user to the California Mechanical Code since the International Mechanical Code is not proposed for adoption in California. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Sections: 909.12.2 (Formerly 909.12.1) Wiring.
909.16.3 Control action and priorities.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments, which provide the code user with the correct reference to the California Electrical Code. The California amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 909.13.1 Materials. (Exception 1)

Rationale: HCD proposes to adopt the above referenced section with existing California amendment, which refers the code user to the California Mechanical Code. Section 602.2.1.3 is proposed for deletion because it is part of the International Mechanical Code, which is not proposed for adoption in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 910 - SMOKE AND HEAT REMOVAL

Sections: 910.4.6 Control wiring.
910.4.7 Controls.

Rationale: HCD proposes to adopt the above referenced sections with new California amendments. The proposed amendments provide the code user with correct references to the California Electrical Code and the California Mechanical Code since the International Mechanical Code and NFPA 70 are not proposed for adoption in California. The newly proposed amendments in these sections are necessary because of the new model code language. There is no intended change in regulatory effect.

SECTION 912 – FIRE DEPARTMENT CONNECTIONS

Section: 912.6 (Formerly 912.5) Backflow protection.

Rationale: HCD proposes to adopt the above referenced section with existing California amendment. The existing amendment refers the code user to the California Plumbing Code. The existing amendment have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 915 – CARBON MONOXIDE DETECTION

Rationale: HCD proposes to adopt the above referenced section with new California amendments. The newly proposed amendments incorporate language from the 2013 CBC, Section 420.6 (California amendment), which currently contains the State requirements for carbon monoxide (CO) alarms in Group R new and existing occupancies. The newly proposed amendments are consistent with NFPA 720 Standards for Installation of Carbon Monoxide (CO) Detection and Warning Equipment, which provides clarity for implementation and enforcement. Section 915, new in the 2015 IBC, mandates the installation of CO alarms in Group I, Group E, and Group R occupancies, and contains most of the measures currently in Section 420.6.

Section 420.6 was codified in the 2010 CBC during the 2010 Code Adoption Cycle, after the Carbon Monoxide Poisoning Prevention Act of 2010 (SB 183, Chapter 19, Statutes of 2010) was enacted. At that time, there were no CO detection requirements in the International Building Code. ICC included new mandates for installation of CO alarms in Group I and Group R occupancies in the 2012 IBC, Section 908.7. However, for the purposes of consistency with the state law, HCD did not adopt Section 908.7 during the 2012 Triennial Code Adoption Cycle, and this section was not printed in the 2013 California Building Code.

The proposal for CO alarms in the 2015 IBC, Section 915, was developed by the ICC Fire Code Action Committee (FCAC). This ICC committee was established by the ICC Board of Directors to pursue opportunities to improve and

enhance assigned International Codes or portions thereof. Since its inception in July 2011, the FCAC has held six open meetings and numerous Regional Work Group and Task Group meetings to discuss and debate the proposed changes. After detailed evaluation and comparison, HCD has determined that the measures for CO alarms in the 2015 International Building Code, Section 915, in most parts, match the existing CO alarm requirements in California Section 420.6. Therefore, HCD proposes to repeal the California Section 420.6 and adopt Section 915 with necessary California amendments, not included in the model code text. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code. (All amended sections are discussed below.)

Section: 915.1 General.

Rationale: HCD proposes to adopt the above referenced section with new California amendments. The newly proposed amendments implement the mandates contained in the Health and Safety Code, which require the installation of carbon monoxide detection in all existing Group R occupancies. The amendments also serve as a pointer for the code user to the Health and Safety Code, Section 17926, for further reference and details. The newly proposed amendments clarify that the carbon monoxide detection in existing buildings shall be installed in accordance with Section 915, and not with the International Fire Code (IFC). The IFC provisions for CO detection in existing buildings are very limited, and the IFC is not proposed for adoption by HCD.

**Sections: 915.2 Locations.
915.2.1 Dwelling units.**

Rationale: HCD proposes to adopt the above referenced sections with new California amendments. The newly proposed amendments incorporate language from the 2013 CBC, Section 420.6, which currently contains the State requirements for carbon monoxide (CO) alarms in new and existing Group R occupancies. The proposed amendments are also consistent with the requirements in NFPA 720 and provide clarity for implementation and enforcement. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code.

Section: 915.4 Carbon monoxide alarms.

Rationale: HCD proposes to adopt the above referenced section with new editorial modification. HCD proposes to correct the reference to Section 915.4.3 in order to align with the changes proposed by HCD (new Section 915.4.4). There is no intended change in regulatory effect.

Section: 915.4.1 Power source.

Rationale: HCD proposes to adopt the above referenced section with new California amendments. The newly proposed amendments incorporate modified language from the 2013 CBC, Section 420.6, which currently contains the State requirements for carbon monoxide (CO) alarms in Group R new and existing occupancies. The proposed amendment is also consistent with the Office of the State Fire Marshal's requirements for smoke alarms in existing buildings, contained in the California Fire Code. The newly proposed amendments provide clarity and consistency for implementation and enforcement. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code.

**Sections: 915.4.2 Listings.
915.4.3 Combination alarms.**

Rationale: HCD proposes to adopt the above referenced sections with new California amendment. The newly proposed amendment incorporates language from the 2013 CBC, Section 420.6, which currently contains the State requirements for carbon monoxide (CO) alarms (including combination CO/smoke alarms) in Group R new and existing occupancies. This language implements the mandates contained in the Health and Safety Code, Section 13263. The newly proposed amendment provides clarity and consistency for implementation and enforcement. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code.

Section: 915.4.4 Interconnection.

Rationale: HCD proposes to adopt the above referenced section as a new California amendment. The newly proposed amendment, addressing interconnections, incorporates modified language from the 2013 CBC, Section 420.6, which currently contains the State requirements for carbon monoxide (CO) alarms in Group R new and existing occupancies. The proposed amendment is also (largely) consistent with NFPA 720 and the Office of the State Fire Marshal's requirements for smoke alarms in existing buildings, contained in the California Fire Code, Section 1103.8.2. The newly proposed amendment provides clarity and consistency for implementation and enforcement. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code.

Section: 915.5.2 Locations.

Rationale: HCD proposes to adopt the above referenced section with a new California amendment. The newly proposed amendment repeals the model code language allowing Section 915 to supersede NFPA 720 for locating CO detectors, and provides an additional option for compliance with NFPA 720. NFPA 720 provides specific locations for installation of carbon monoxide detectors, but also provides for a performance-based design, which may identify other locations. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code.

Section: 915.5.3 Combination detectors.

Rationale: HCD proposes to adopt the above referenced section with new California amendment. The newly proposed amendment incorporates language from the 2013 CBC, Section 420.6, which currently contains the State requirements for carbon monoxide (CO) alarms (including combination CO/smoke alarms) in Group R new and existing occupancies. This language implements the mandates contained in the Health and Safety Code, Section 13263. The newly proposed amendment provides clarity and consistency for implementation and enforcement. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code.

Section: 915.6 Maintenance.

Rationale: HCD proposes to adopt the above referenced section with new California amendment. The newly proposed amendment incorporates language from the International Fire Code, which is not proposed for adoption by HCD. The newly proposed amendment provides clarity and consistency for implementation and enforcement. There is no intended change in regulatory effect.

Section: 915.7 Visible alarms.

Rationale: HCD proposes to adopt the above referenced section with a new California amendment. The newly proposed amendment incorporates language from the 2013 CBC, Section 420.6, which currently contains the State requirements for carbon monoxide alarms in Group R new and existing occupancies. The newly proposed amendment provides clarity for implementation and enforcement. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code.

**13. CHAPTER 10
MEANS OF EGRESS**

HCD proposes to adopt Chapter 10 from the 2015 International Building Code into the 2016 California Building Code with new, existing, and modified existing amendments as follows:

SECTION 1002 – DEFINITIONS

GUARD or GUARDRAIL.

Rationale: HCD proposes to adopt the above referenced term (definition located in Chapter 2 “Definitions”) with a modified existing California amendment. The existing amendment informs the code user that the term “Guardrail” is synonymous with the 2015 International Building Code definition for “Guard”. HCD proposes to add the HCD 1-AC banner, clarifying that the term is used in Chapter 11A (as currently shown in the Matrix Adoption Table). With this modification HCD is correcting an oversight. There is no intended change in regulatory effect.

SECTION 1003 – GENERAL MEANS OF EGRESS

Section: 1003.1 Applicability.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment informs the code user of possible provisions in Chapter 11A, which may apply to persons with disabilities, and that these may differ from the provisions in Chapter 10. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1003.2 Ceiling height. (Exception 7)

Rationale: HCD proposes to adopt the above referenced section from the 2015 International Building Code into the 2016 California Building Code, and repeal the existing California amendment from the 2013 California Building Code, Section 1003.2, Exception 7. The existing amendment informs the code user of possible provisions in Chapter 11A,

which may apply to persons with disabilities, and that these may differ from the provisions in Chapter 10. However, the same reference is repeated in Sections 406.4.1 and 1003.1.

During the 2012 Triennial Code Adoption Cycle, HCD responded to numerous stakeholders, and made a policy decision to repeal all unnecessary California amendments from the California Building Standards Code. Section 1003.2, Exception 7, refers to Section 406.4.1 for the provisions addressing the clear height of floor levels in vehicular and pedestrian traffic areas. Section 406.4.1 is amended by HCD by providing a reference to Chapter 11A, which contains height requirements for accessible vehicle and pedestrian areas. Section 1003.1 (Applicability) also informs the code user of possible provisions in Chapter 11A, which may apply to persons with disabilities, and that these may differ from the provisions in Chapter 10. There is no need for the same reference to be repeated three times. Therefore, the existing reference in Section 1003.2, Exception 7, is proposed for repeal, while the references to Chapter 11A in Sections 406.4.1 and 1003.1 remain. The deletion of the existing California amendment in Section 1003.2, Exception 7, reduces redundancy and provides clarity to the code user. There is no intended change in regulatory effect.

Section: 1003.3.4 Clear width.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment refers the code user to Chapter 11A as the appropriate chapter containing the requirements for width of accessible routes in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1003.5 Elevation change. Exceptions.

Rationale: HCD proposes to adopt the above referenced section with existing California amendment. The existing amendment directs the code user to accessibility provisions in Chapter 11A since Chapter 11 of the International Building Code is not proposed for adoption and will not be printed in the California Building Code. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

**SECTION 1006 – NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
(Formerly 1015 – EXIT AND EXIT ACCESS DOORWAYS)**

Section: 1006.2.2.3 (Formerly 1015.5) Refrigerated rooms or spaces. (Exception).

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which refers the code user to the California Mechanical Code. The International Mechanical Code is not proposed for adoption in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1009 (Formerly 1007) – ACCESSIBLE MEANS OF EGRESS

Section: 1009.1 (Formerly 1007.1) Accessible means of egress required.

Rationale: HCD proposes to adopt the above referenced section with modified existing California amendments. The existing amendments direct the code user to the accessibility provisions located in Chapter 11A. Chapter 11 of the International Building Code is not proposed for adoption and will not be printed in the California Building Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code with nonsubstantive modification. Referenced sections have been revised to align with the changes made to section numbers in the International Building Code. The revision provides clarity and consistency to the code user. There is no intended change in regulatory effect.

Section: 1009.2 (Formerly 1007.2) Continuity and components. (Items 1, 2, 3, 4, 5, 6 and 8).

Rationale: HCD proposes to adopt the above referenced section with existing California amendments. The existing amendments direct the code user to the accessibility provisions located in Chapter 11A. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Sections: 1009.3 (Formerly 1007.3) Stairways.

1009.5 (Formerly 1007.5) Platform lifts.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments direct the code user to the accessibility provisions located in Chapter 11A. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Sections: 1009.6 (Formerly 1007.6) Area of refuge. (No change to text)
1009.6.3 (Formerly 1007.6.1) Size.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments, which address the size of the required area of refuge related to accessibility, have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1009.8.1.1 (Formerly 1007.8.1.1) Visible communication method.

Rationale: HCD proposes to continue adoption of the above referenced section. Section 1009.8.1.1, which is an existing California amendment, directs the code user to the accessibility provisions located in Chapter 11A, Section 1138A.4. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1009.8.2 Directions.

Rationale: HCD proposes to adopt the above referenced section with a new California amendment. The newly proposed amendment removes the reference to ICC A117.1 (which is not adopted in California) and directs the code user to the signage provisions located in Chapter 11A, Section 1143A. This proposal is necessary because of the language in Section 1009.8.2, new in the 2015 International Building Code.

Section: 1009.9 (Formerly 1007.9) Signage.

Rationale: HCD proposes to adopt the above referenced section with modified existing California amendments. The existing amendments remove the reference to ICC A117.1 (which is not adopted in California) and directs the code user to the signage provisions located in Chapter 11A, Section 1143A. HCD proposes to modify the existing amendment, by providing a reference to Chapter 11A, Section 1143A, for the signage provisions related to the International Symbol of Accessibility. The new proposal is necessary to make the HCD amendment consistent with the amendment proposed by the Division of the State Architect-Access Compliance (DSA-AC). There is no intended change in regulatory effect from the 2013 California Building Code.

Note: Three state agencies, HCD, the Office of the State Fire Marshal (SFM) and the DSA-AC, have authority to propose amendments to this section. To avoid conflicts and redundant references, HCD will coordinate language with the SFM and DSA-AC.

Section: 1009.11 Instructions.

Rationale: HCD proposes to adopt the above referenced section with a new California amendment. The newly proposed amendment removes the reference to ICC A117.1 (which is not adopted in California) and directs the code user to the signage provisions located in Chapter 11A, Section 1143A. The new amendment is necessary because of the new model code language in Section 1009.8.2.

Section: 1009.12 (Formerly 1007.12) Alarms/emergency warning systems/accessibility.

Rationale: HCD proposes to continue adoption of the above referenced California amendment, which includes provisions for emergency warning systems. This amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code, but renumbered to align with the new model code section numbers. There is no intended change in regulatory effect.

SECTION 1010 (Formerly 1008) – DOORS, GATES AND TURNSTILES

Section: 1010.1.1 (Formerly 1008.1.1) Size of doors. (Exceptions 7, 8, and 10).

Rationale: HCD proposes to adopt the above referenced section with modified existing California amendment. The existing California amendment in Exception 7 directs the code user to the accessibility provisions in Chapter 11A, and removes International Building Code references to “Type A” and “Type B” units. California does not currently differentiate among types of dwelling units, although covered dwelling units are required to be adaptable and on an accessible route. HCD proposes the same amendment in Exception 10, which is new in the 2015 International Building Code.

HCD proposes to delete the model code Exception 8, allowing minimum clear width of 31.75 inches for door openings required to be accessible within Type B units. As stated above, California does not currently differentiate among types of dwelling units. This exception also conflicts with the California accessibility provisions in Chapter 11A, which mandate the minimum clear width of door openings in all covered dwelling units to 32 inches. HCD also proposes to renumber Exceptions 9 and 10 accordingly.

The existing California amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. The new proposal in Exception 9 is necessary because of the new language in the model code. There is no intended change in regulatory effect.

Section: 1010.1.4.1 (Formerly 1008.1.4.1) Revolving doors. (Item 7).

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment directs the code user to the accessibility provisions in Chapter 11A since Chapter 11 of the International Building Code is not proposed for adoption and will not be printed in the California Building Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1010.1.5 (Formerly 1008.1.5) Floor elevation. (Exceptions 3 and 5).

Rationale: HCD proposes to adopt the above referenced section with modified existing California amendments. The existing amendments direct the code user to the accessibility provisions in Chapter 11A and removes International Building Code references to “Type A” and/or “Type B” units. California does not currently differentiate among types of dwelling units, although covered dwelling units are required to be adaptable and on an accessible route.

HCD proposes to further amend Exception 5, providing a reference to Chapter 11A, Section 1132A.4. Section 1132A.4 contains provisions for level floor or landings in accessible dwelling units. (Exception 5 was removed from Section 1008.1.5 in the 2013 CBC, as proposed by HCD.)

The existing California amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. The proposed modification does not have intended change in regulatory effect.

Section: 1010.1.7 (Formerly 1008.1.7) Thresholds. (Exceptions).

Rationale: (Exception 1) HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment directs the code user to the accessibility provisions in Chapter 11A, and removes International Building Code references to “Type A” and “Type B” units. California does not currently differentiate among types of dwelling units, although covered dwelling units are required to be adaptable and on an accessible route. The existing California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Rationale: (Exception 2) HCD proposes to adopt the above referenced section with a new California amendment. The new amendment removes International Building Code references to “Type B” dwelling units. California does not currently differentiate among types of dwelling units, although covered dwelling units are required to be adaptable and on an accessible route. This new proposal is necessary because of the language in Exception 2, new in the 2015 International Building Code.

Section: 1010.1.8 (Formerly 1008.1.8) Door arrangement. (Exception 3).

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment removes International Building Code references to “Type A”. California does not currently differentiate among types of dwelling units, although covered dwelling units are required to be adaptable and on an accessible route. The existing California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1010 1.9.1 (Formerly 1008.1.9.1) Hardware.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment directs the code user to the accessibility provisions in Chapter 11A since Chapter 11 of the International Building Code is not proposed for adoption and will not be printed in the California Building Code. The existing California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1012 (Formerly 1010) – RAMPS

Section: 1012.1 (Formerly 1010.1) Scope. (Exception 2).

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides a reference to the accessibility provisions in Chapter 11A instead of ICC A117.1, which does not include the same curb ramp provisions. The existing California amendment has been brought forward from the

proposes to add Group R-1 to the text, mandating the same safety requirements for hotels and motels. The proposed amendment is a result of stakeholders' comments, requesting HCD to develop safety measures for dangerous window openings in transient lodging facilities.

SECTION 1020 (Formerly 1018) – CORRIDORS

Section: 1020.5.1 (Formerly 1018.5.1) Corridor ceiling. (Item 3)

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which refers the code user to the California Mechanical Code. The International Mechanical Code is not proposed for adoption in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1023 (Formerly 1022) – INTERIOR EXIT STAIRWAYS AND RAMPS

Section: 1023.9 (Formerly 1022.9) Stairway identification signs.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides a reference to the accessibility provisions in Chapter 11A, and directs the code user to the appropriate section containing the signage requirements applicable in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

14. CHAPTER 11 ACCESSIBILITY

HCD proposes to not adopt Chapter 11 of the 2015 International Building Code, and also proposes Chapter 11 not to be printed in the 2016 California Building Code. HCD adopts housing accessibility regulations in Chapter 11A.

15. CHAPTER 11A HOUSING ACCESSIBILITY

HCD proposes to continue to adopt Chapter 11A from the 2013 California Building Code into the 2016 California Building Code with no modifications.

16. CHAPTER 12 INTERIOR ENVIRONMENT

HCD proposes to adopt Chapter 12 from the 2015 International Building Code into the 2016 California Building Code with new and existing amendments as follows:

SECTION 1203 – VENTILATION

Section: 1203.1. General.

Rationale: HCD proposes to adopt the above referenced section with existing California amendments. HCD proposes to bring forward the existing California amendment in the first paragraph, providing a correct reference to the California Mechanical Code. HCD also proposes to continue repealing the second paragraph, addressing blower door tests. The existing amendment, which was adopted in the 2013 California Building Code, avoids conflict between the California Building Code, California Mechanical Code, and California Energy Code.

ICC included in the 2012 International Building Code new language, requiring mechanical ventilation (in accordance with the International Mechanical Code) in dwelling units if the air infiltration rate is less than 5 air changes per hour, when tested with a blower door in accordance with the International Energy Conservation Code. Neither the International Energy Conservation Code nor the International Mechanical Code is proposed for adoption in California. If the model code language is adopted, it will conflict with the requirements in the California Mechanical Code and the California Energy Code. Both codes no longer allow the use of natural ventilation only (with some exceptions in the California Mechanical Code) regardless of the air infiltration rate or the area of openings.

Section: 1203.2. Ventilation required. (Exception 1)

Rationale: HCD proposes to adopt the above referenced section with a new California amendment. The proposed amendment refers the code user to the correct Climate Zones in California. The Climate Zones referenced in Exception Item 1 are based on the National Climate Zones in the International Energy Conservation Code. The International Energy Conservation Code is not proposed for adoption in California; the Climate Zones applicable in California, pursuant to the California Energy Code, are Climate Zones 14 and 16. The existing California amendment, which HCD proposes for repeal (see ISOR for Item 16, Section 1203.2), contains similar language. There is no intended change in regulatory effect.

During the 2012 Triennial code Adoption Cycle, HCD proposed not to adopt the 2012 model code Exceptions 1 and 2, and further proposed to adopt new Exceptions 4 and 5, which were applicable to applications under the authority of HCD. These amendments incorporated provisions for attic ventilation from the 2012 International Residential Code (IRC), Section R806.2, and were intended to provide clarity to the code user and consistency with the CRC. These provisions have been incorporated into the 2015 International Building Code, which HCD proposes to adopt. Therefore, the existing California amendments are no longer necessary. (See ISOR for Item 16, Section 1203.2.)

Section: 1203.2.1 Openings into attic.

Rationale: HCD proposes to adopt the above referenced section with existing California amendment. The existing amendment provides the code user with correct references to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1203.3 Unvented attic and unvented enclosed rafter assemblies

Rationale: HCD proposes to adopt the above referenced section from the 2015 IBC into the 2016 CBC with new amendments. The proposed amendments would allow for high-performance unvented attics to be constructed. This proposal is consistent with the proposed 2016 California Energy Code developed by the California Energy Commission (CEC) for the 2016 California Energy Code. An unvented attic with air-permeable insulation installed directly below the roof sheathing is one of the options to build high-performance attics. High-performance attics can significantly reduce peak electrical loads caused by high summertime attic temperatures where air conditioning ductwork is located within the attic space. For high performance attics utilizing air permeable insulation installed directly below the structural roof sheathing, the CEC references Building Science Corporation's Hygrothermal Analysis (page 34)¹, manufacturer and national laboratory field and simulations studies², and 2016 High Performance Attic CASE report by TRC³ which collectively indicate that there are no apparent condensation concerns for high-performance unvented attics in all California climate zones except Climate Zone 16. A Class I or Class II vapor retarder should be applied in Climate Zone 16. Unvented high-performance attics in California Climate Zones 1, 14, and 16, which have colder temperatures and/or higher relative humidity levels or temperature differentials, require additional protection against condensation by the installation of air-impermeable insulation directly above or below the structural roof sheathing, or the installation of a vapor retarder on the indirectly conditioned side of the air-permeable insulation.

HCD proposes to amend the model code Section 1203 to add Climate Zone 1 based upon recommendation from the Energy Commission Staff, and require a Class I or Class II vapor retarder for this application to aid in condensation control. HCD also proposes in Item 5.1.2 for Climate Zones 1, 14 and 16 to clarify the location of the air-permeable insulation and air-impermeable insulation, and provide an alternative to installing air-impermeable and air-impermeable insulation for all other Climate Zones. The amendment to Item 5.1.2 is necessary to allow unvented high-performance attics without air-impermeable insulation for Climate Zones other than 1, 14 and 16. Lastly, HCD proposes to amend Item 5.1 for consistency with existing amendments in the California Residential Code, Section 806.5.

Footnotes:

^[1] www.buildingscience.com/documents/reports/rr-1110-hygrothermal-analysis-california-attics

^[2] Owens Corning Building Science Group and Oak Ridge National Laboratory; High Performance Unvented Attics with Fiberglass Insulation; CBIA/CEC 2016 Forum, April 4, 2014; http://www.energy.ca.gov/title24/2016standards/prerulemaking/documents/2014-04-04_forum/presentations/High_Performance_Attics/Owens_Corning_ORNL_KBHomes_Collaborative_Study_Unvented_Attics_Building.pdf

^[3] http://www.energy.ca.gov/title24/2016standards/prerulemaking/documents/2014-07-21_workshop/case_reports/2016_Title_24_Draft_CASE_Report-Residential_Ducts_in_Conditioned_Space-High_Performance_Attics.pdf

Section: 1203.4.2 (Formerly 1203.3.2) Exceptions. (Exception 4)

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to the California Energy Code since the International Energy Conservation Code is not proposed for adoption in California. The California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1203.5 (Formerly 1203.4) Natural ventilation.

Rationale: HCD proposes to adopt the above referenced section with existing California amendments. The existing amendments clarify and implement compliance with Health and Safety Code Section 17959.3, which requires HCD to prepare, adopt, and submit modifications to regulations concerning light and ventilation. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

**Sections: 1203.5.2 (Formerly 1203.4.2) Contaminants exhausted.
1203.6 (Formerly 1203.5) Other ventilation and exhaust systems.**

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments provide the code user with the correct reference to the California Mechanical Code since the International Mechanical Code is not proposed for adoption in California. The California amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1203.5.2.1 (Formerly 1203.4.2.1) Bathrooms.

Rationale: HCD proposes to adopt the above referenced section with existing California amendments. The existing amendments provide the code user with the correct references to the California Mechanical Code and the California Green Building Standards Code (CALGreen). The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1204 – TEMPERATURE CONTROL

Section: 1204.1 Equipment and systems. Exceptions.

Rationale: HCD proposes to adopt the above referenced section with modified existing California amendments. Exception 2 clarifies the special exception for heating systems, which may be used in limited-density owner-built rural dwellings. Exception 4 provides compliance with Health and Safety Code Section 17959.3, which requires HCD to prepare, adopt, and submit modifications to regulations concerning light and ventilation requirements. These requirements would also allow modifications to existing buildings for the installation of passive solar energy systems. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. HCD proposes editorial modifications and renumbering due to the reorganization of the model code language and for consistency with other sections in the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1205 – LIGHTING

Section: 1205.1 General.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides compliance with Health and Safety Code Section 17959.3, which requires HCD to prepare, adopt, and submit modifications to regulations concerning light and ventilation requirements. These requirements would also allow modifications to existing buildings for the installation of passive solar energy systems. The existing California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1205.4.1 Controls.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to the California Electrical Code, which adopts the National Electric Code (NFPA 70). The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1206 – YARDS OR COURTS

Section: 1206.3.3 Court drainage.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with the correct reference to the California Plumbing Code since the International Plumbing Code is not proposed for adoption in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1207 – SOUND TRANSMISSION

Section: 1207.3 Structure-borne sound. (Exception).

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment (exception), which was adopted during the 2013 Intervening Code Adoption Cycle, exempts floor-ceiling assemblies over nonhabitable rooms or spaces from compliance with the requirements for impact sound insulation. The existing exception has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1207.4 Allowable interior noise levels.

Rationale: HCD proposes to continue adoption of the above referenced California amendment. The existing amendment, which was adopted during the 2013 Intervening Code Adoption Cycle, requires interior noise levels attributable to exterior sources not to exceed 45 dB in any habitable room. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1208 – INTERIOR SPACE DIMENSIONS

Section: 1208.1 Minimum room widths.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment clarifies an exception for room dimensions, which may be used in limited-density owner-built rural dwellings. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1208.4 Efficiency dwelling units.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment addresses requirements in Health and Safety Code Section 17958.1, which allows local jurisdictions to modify minimum room dimensions for efficiency dwelling units specified in the International Building Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1209 – ACCESS TO UNOCCUPIED SPACES

Section: 1209.3 Mechanical appliances.

Rationale: HCD proposes to adopt the above referenced section with existing California amendment, which provides the code user with the correct reference to the California Mechanical Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1210 – TOILET AND BATHROOM REQUIREMENTS

Section: 1210.1 Required fixtures.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides the code user with a correct reference to the California Plumbing Code since Chapter 29 of the International Building Code is not proposed for adoption in California. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1210.4 Reinforcement for bathrooms.

Rationale: HCD proposes to adopt the above referenced section. During the 2012 Triennial Code Adoption Cycle, pointers to mandatory CALGreen requirements were adopted into this code to enhance user convenience and

familiarity. These pointers are excerpts to code sections in CALGreen. The newly proposed section is intended to implement new requirement, proposed by HCD in CALGreen. There is no intended change in regulatory effect from the requirements in CALGreen.

SECTION 1211 – GARAGE DOOR SPRINGS

Rationale: HCD proposes to bring forward the above referenced California section from the 2013 California Building Code for adoption into the 2016 California Building Code. This section addresses requirements in Health and Safety Code Section 17927, which directs HCD to adopt regulations for garage door springs used in garages accessory to hotels, motels, apartment houses, and dwellings that are reasonably necessary to prevent death, injury, or property damage from breaking garage door springs. There is no intended change in regulatory effect.

SECTION 1212 - POLLUTANT CONTROL

Section: 1212.1 Finish material pollutant control.

Rationale: HCD proposes to continue adoption of the above referenced existing California amendment, which provides a reference to the appropriate provisions in CALGreen. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

17. CHAPTER 12 INTERIOR ENVIRONMENT

HCD proposes to repeal and not bring forward the California amendments from the 2013 California Building Code, Section 1203.2, Exceptions.

SECTION 1203 – VENTILATION

Section: 1203.2 Attic spaces. (Exceptions)

Rationale: HCD proposes to repeal the California amendments from the 2013 California Building Code, Section 1203.2, Exceptions. These California amendments were codified during the 2012 Triennial Code Adoption Cycle to provide clarity to the code user and consistency with the California Residential Code. However, these provisions have been incorporated into the 2015 International Building Code; therefore, the California amendments are no longer necessary. HCD proposes to adopt the new model code language (see ISOR for Item 15, Section 1203.2) and delete the California amendments. There is no intended change in regulatory effect.

18. CHAPTER 13 ENERGY EFFICIENCY

HCD proposes to not adopt Chapter 13 from the 2015 International Building Code. HCD proposes Chapter 13 to be removed in its entirety and not printed in the 2016 California Building Code.

19. CHAPTER 14 EXTERIOR WALLS

HCD proposes to adopt Chapter 14, except Table 1405.3.2, from the 2015 International Building Code into the 2016 California Building Code with modified existing amendments as follows:

SECTION 1405 – INSTALLATION OF WALL COVERINGS

Section: 1405.3.1 Class I and II vapor retarders.

Rationale: HCD proposes to adopt the above referenced section with a modified existing California amendment. The existing amendment provides consistency with the California Energy Code (CEC), Subchapter 7, Low-Rise Residential Buildings - Mandatory Features and Devices, Section 150.0(g). Section 150.0 (g) requires vapor retarders to be installed in Climate Zones 14 and 16 (high desert and mountainous areas) on the conditioned space side of all insulation in all exterior walls, attics, and unvented crawl spaces to protect insulation from condensation.

The original amendment was proposed during the 2009 Triennial Code Adoption Cycle by HCD in coordination with the California Energy Commission to ensure the amendment was not in conflict with the 2010 California Energy Code requirements. The proposed editorial modification provides consistency with other sections in the 2016 California Building Code. The existing California amendment, which is currently in Section 1405.3, was relocated due to the modification of the model code. The same amendment is proposed for adoption in the California Residential Code for one- and two-family dwellings. There is no intended change in regulatory effect.

Section: 1405.3.2 (Formerly 1405.3.1) Class III vapor retarders.

TABLE 1405.3.2 (Formerly 1405.3.1) CLASS III VAPOR RETARDERS

Rationale: HCD proposes to adopt Section 1405.3.2 with a modified existing California amendment, and to not adopt Table 1405.3.2. The existing amendment provides consistency with the California Energy Code.

HCD proposes to not adopt Table 1405.3.2 since it references many Climate Zones outside of California Climate Zones 14 and 16 for purposes of vapor retarder use in low-rise residential buildings. California's Inland Climate Zone 4, under the IECC code, includes areas of California's High Desert and mountain regions. Both Climate Zones have very low humidity in comparison with IECC western Marine 4 of the North West, Climate Zone 4 locations, or the eastern United States as a whole. Because the amount of interior or exterior humidity is substantially lower, reducing the exterior impermeable insulation R-value is not required.

HCD's proposes to continue adoption of amendments related to Class III vapor retarder use provisions in an HCD-specific sections and to reduce the model code R-value requirement for insulated sheathing to reflect California's climate. The California amendment is consistent with the proposed amendment in the California Residential Code for one- and two-family dwellings and the California Energy Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. The proposed editorial modification provides consistency with other sections in the 2016 California Building Code. There is no intended change in regulatory effect.

20. CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

HCD proposes to adopt Chapter 15 from the 2015 International Building Code into the 2016 California Building Code with existing amendments as follows:

SECTION 1503 – WEATHER PROTECTION

Sections: 1503.4 Roof drainage.

1503.4.1 Secondary (emergency overflow) drains or scuppers.

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. The existing amendments provide the code user with the correct reference to Chapter 11 of the California Plumbing Code since the International Plumbing Code is not proposed for adoption in California. The existing amendments have been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1510 (Formerly 1509) – ROOFTOP STRUCTURES

Section: 1510.7.1 (Formerly 1509.7.1) Wind resistance. Exception

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment (exception) allows the effective wind area to be designed in accordance with ASCE 7.

The existing amendment was submitted by DSA during the 2012 Triennial Code Adoption Cycle. HCD received a comment during the Code Advisory Committee meeting (Building, Fire and Other) and was directed to review this proposal and include it in HCD's rulemaking package, if needed. After an internal review, HCD decided to co-adopt the DSA proposal. There is no intended change in regulatory effect.

structures subject to the Factory-Built Housing Law. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code, but renumbered due to the model code changes. There is no intended change in regulatory effect.

SECTION 1707 – ALTERNATIVE TEST PROCEDURE

Section: 1707.1 General.

Rationale: HCD proposes to adopt the above referenced section with modified existing California amendment. The existing amendment duplicates the model code language, but provides the code user with the correct reference to Chapter 1, Division I, Section 1.8.7. Section 104.11, referenced in the model code, is not proposed for adoption by HCD. HCD proposes to repeal the existing amendment, and incorporate the reference to Section 1.8.7 in the model code language. The proposed modification provides clarity to the code user. There is no intended change in regulatory effect.

24. CHAPTER 18 SOILS AND FOUNDATIONS

HCD proposes to adopt Chapter 18 from the 2015 International Building Code into the 2016 California Building Code with existing and modified existing amendments as follows:

SECTION 1801 – GENERAL

Section: 1801.2 Design basis.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment clarifies the special exception for foundation systems, which may be used in limited-density owner-built rural dwellings. The California amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1803 GEOTECHNICAL INVESTIGATIONS

- Sections:**
- 1803.1.1 General and where required for applications listed in Section 1.8.2.1.1 regulated by the Department of Housing and Community Development.**
 - 1803.1.1.1 Preliminary soil report.**
 - 1803.1.1.2 Soil investigation by lot, necessity, preparation, and recommendations.**
 - 1803.1.1.3 Approval, building permit conditions, appeal.**
 - 1803.1.1.4 Liability.**
 - 1803.1.1.5 Alternate procedures.**

Rationale: HCD proposes to bring forward the above referenced existing California amendments from the 2013 California Building Code for adoption into the 2016 California Building Code. The existing California amendments (also reproduced in the California Residential Code) implement the mandates contained in Health and Safety Code Sections 17953 through 17957, which require soil investigations for subdivisions. The California amendments, which complete the soil report requirements as stated in existing statute, provide clarity and consistency to the code user. There is no intended change in regulatory effect.

SECTION 1804 – EXCAVATION, GRADING AND FILL

Section: 1804.4.1 (Formerly 1804.3.1) Construction plans.

Rationale: HCD proposes to continue adoption of the above referenced existing California amendment. During the 2012 Triennial Code Adoption Cycle, pointers to mandatory CALGreen requirements were adopted into this code to enhance user convenience and familiarity. These pointers are excerpts to code sections in CALGreen. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code, but renumbered to align with the new model code section numbers. There is no intended change in regulatory effect from the requirements in CALGreen.

SECTION 1805 – DAMPPROOFING AND WATERPROOFING

Section: 1805.4.1 Floor base course. (Exception 2)

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment (Exception 2). Exception 2 clarifies that when a capillary break is installed in accordance with the California Green Building

Standards Code (CALGreen), compliance with Section 1805.4.1 is not required. The existing exception has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: 1805.4.3 Drainage discharge.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Plumbing Code. The International Plumbing Code is not proposed for adoption in California.

SECTION 1810 – DEEP FOUNDATIONS

Section: 1810.3.10.4 Seismic reinforcement.

Rationale: HCD proposes to adopt the above referenced section with a modified existing California amendment. The existing amendment duplicates the model code language, but provides the code user with the correct reference to Chapter 1, Division I, Section 1.8.7. Section 104.11, referenced in the model code, is not proposed for adoption by HCD. HCD proposes to repeal the existing amendment, and incorporate the reference to Section 1.8.7 in the model code language. The proposed modification provides clarity to the code user. There is no intended change in regulatory effect.

**25. CHAPTER 19
CONCRETE**

HCD proposes to adopt Chapter 19 from the 2015 International Building Code into the 2016 California Building Code with existing amendments as follows:

SECTION 1905 – MODIFICATIONS TO ACI 318

**Sections: 1905.1.2 ACI 318, Section 18.2.1.2 (Formerly 21.1.1).
1905.1.5 ACI 318, (Formerly 1905.1.6) Section 18.13.1.1 (Formerly 21.12.1.1).**

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments, which provide the code user with correct references to the California Building Code. The existing amendments are renumbered for consistency with the model code and have been brought forward from the 2013 California Building Code into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 1907 – MINIMUM SLAB PROVISIONS

Section: 1907.1.1 Capillary break.

Rationale: HCD proposes to continue adoption of the above referenced existing California amendment. During the 2012 Triennial Code Adoption Cycle, pointers to mandatory CALGreen requirements were proposed for inclusion into this code to enhance user convenience and familiarity. These pointers are excerpts to code sections in CALGreen. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect from the requirements in CALGreen.

**26. CHAPTER 19
CONCRETE**

HCD proposes to repeal and not bring forward the California amendments from the 2013 California Building Code, Section 1905.1.9.

Section: 1905.1.9 ACI 318, Section D.3.3 (Existing).

Rationale: HCD proposes to repeal the above referenced existing California amendment, and not propose it for adoption into the 2016 California Building Code. The repeal of this existing California amendment, currently in the 2013 California Building Code, is necessary because of the model code modification. There is no intended change in regulatory effect.

Note: The existing amendment was developed by DSA-CC and OSHPD, and co-adopted by HCD in response to a request from the Structural Design/Lateral Forces Code Advisory Committee to provide consistency with ACI 318-11. Although Chapter 35 of the 2012 IBC referenced ACI 318-11, the text in Chapter 19 of the 2012 IBC erroneously

reflected modifications to ACI 318-08. The proposed amendment was necessary to keep the 2013 CBC consistent with ACI 318-11.

27. CHAPTER 20 ALUMINUM

HCD proposes to adopt Chapter 20 from the 2015 International Building Code into the 2016 California Building Code without amendments.

28. CHAPTER 21 MASONRY

HCD proposes to adopt Chapter 21 from the 2015 International Building Code into the 2016 California Building Code with existing amendments as follows:

SECTION 2109 – EMPIRICAL DESIGN OF MASONRY

Section: 2109.1.1 Limitations.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Building Code. The existing amendment has been brought forward from the 2013 California Building Code into the 2016 California Building Code. There is no intended change in regulatory effect.

Section: A.1.2.2 (Formerly 5.1.2.2) Wind.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment which provides the code user with the correct reference to the California Building Code. The existing amendment has been brought forward from the 2013 California Building Code into the 2016 California Building Code with editorial renumbering. There is no intended change in regulatory effect.

SECTION 2113 – MASONRY CHIMNEYS

Sections: 2113.11.1.2 Gas appliances. 2113.15 Flue area (appliance).

Rationale: HCD proposes to adopt the above referenced sections with existing California amendments. These sections provide the code user with the correct reference to the California Mechanical Code since the International Fuel Gas Code is not proposed for adoption in California.

29. CHAPTER 22 STEEL

HCD proposes to adopt Chapter 22 from the 2015 International Building Code into the 2016 California Building Code without amendments.

30. CHAPTER 23 WOOD

HCD proposes to adopt Chapter 23 from the 2015 International Building Code into the 2016 California Building Code with existing amendments as follows:

SECTION 2301 – GENERAL

Section: 2301.1 Scope.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing

amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code, and clarifies the special exception for materials allowed to be used in limited-density owner-built rural dwellings. There is no intended change in regulatory effect.

SECTION 2304 – GENERAL CONSTRUCTION REQUIREMENTS

Section: 2304.3.1.1 Rodent proofing.

Rationale: HCD proposes to continue adoption of the above referenced existing California amendment into the 2016 California Building Code. During the 2012 Triennial Code Adoption Cycle, pointers to mandatory CALGreen requirements were adopted into this code to enhance user convenience and familiarity. These pointers are excerpts to code sections in CALGreen. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect from the requirements in CALGreen.

Section: 2304.5 Framing around flues and chimneys.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Mechanical Code. There is no intended change in regulatory effect.

SECTION 2308 CONVENTIONAL LIGHT-FRAME CONSTRUCTION

Section: 2308.1 General.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment, which provides the code user with the correct reference to the California Residential Code, has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

31. CHAPTER 24 GLASS AND GLAZING

HCD proposes to adopt Chapter 24 from the 2015 International Building Code into the 2016 California Building Code without amendments.

32. CHAPTER 25 GYPSUM BOARD AND PLASTER

HCD proposes to adopt Chapter 25 from the 2015 International Building Code into the 2016 California Building Code without amendments.

33. CHAPTER 26 PLASTIC

HCD proposes to adopt Chapter 26 from the 2015 International Building Code into the 2016 California Building Code without amendments.

34. CHAPTER 27 ELECTRICAL

HCD proposes to not adopt Chapter 27 from the 2015 International Building Code. HCD adopts the National Electrical Code by reference; therefore, adoption of the International Building Code standards would create duplicative requirements.

**35. CHAPTER 28
MECHANICAL SYSTEMS**

HCD proposes to not adopt Chapter 28 from the 2015 International Building Code. HCD adopts the Uniform Mechanical Code by reference; therefore, adoption of the International Building Code standards would create duplicative requirements.

**36. CHAPTER 29
PLUMBING SYSTEMS**

HCD proposes to not adopt Chapter 29 from the 2015 International Building Code. HCD adopts the Uniform Plumbing Code by reference; therefore, adoption of the International Building Code standards would create duplicative requirements.

**37. CHAPTER 30
ELEVATORS AND CONVEYING SYSTEMS**

HCD proposes to adopt Chapter 30, Sections 3001.1 and 3001.3 only, from the 2015 International Building Code into the 2016 California Building Code with existing amendment as follows:

SECTION 3001 – GENERAL

Section: 3001.3 Accessibility.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides a reference to the accessibility provisions located in Chapter 11A. The model code reference to Section 1109.7 is proposed for deletion since Chapter 11 of the International Building Code is not proposed for adoption and will not be printed in the California Building Code. The existing amendment has been brought forward from the 2013 California Building Code into the 2016 California Building Code. There is no intended change in regulatory effect.

**38. CHAPTER 31
SPECIAL CONSTRUCTION**

HCD proposes to adopt Chapter 31 from the 2015 International Building Code into the 2016 California Building Code with an existing amendment as follows. HCD proposes to not adopt Section 3109.

SECTION 3104 – PEDESTRIAN WALKWAYS AND TUNNELS

Section: 3104.2 Separate structures. (Exception 2)

Rationale: HCD proposes to adopt the above referenced section with existing California amendment. The existing amendment directs the code user to the accessibility provisions in Chapter 11A, removes reference to “Type B” units, and clarifies the Fair Housing Amendments Act guidelines for connected structures. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 3109 – SWIMMING POOL ENCLOSURES AND SAFETY DEVICES

Rationale: HCD proposes to not adopt the above referenced section. HCD does not have legislative authority to adopt building standards for barriers relating to public or residential swimming pools. AB 3305, Statutes of 1996, set minimum statewide standards for swimming pool safety, which gave authority for modification to local jurisdictions.

**39. CHAPTER 32
ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY**

HCD proposes to adopt Chapter 32 from the 2015 International Building Code into the 2013 California Building Code without amendments.

**40. CHAPTER 33
SAFEGUARDS DURING CONSTRUCTION**

HCD proposes to adopt Chapter 33, Sections 3301, 3302, 3303, 3304, 3305, 3306, 3307, and 3308, from the 2015 International Building Code into the 2016 California Building Code with existing amendments as follows. HCD proposes to not adopt Sections 3309, 3310, 3311, 3312, and 3313.

SECTION 3304 – SITE WORK

Section: 3304.1.5 Storm water drainage and retention during construction.

Rationale: HCD proposes to continue adoption of the above referenced existing California amendment. During the 2012 Triennial Code Adoption Cycle, pointers to mandatory CALGreen requirements were adopted into this code to enhance user convenience and familiarity. These pointers are excerpts to code sections in CALGreen. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect from the requirements in CALGreen.

SECTION 3305 – SANITARY

Section: 3305.1 Facilities required.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment, which provides the code user with the correct reference to the California Plumbing Code. The existing amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

SECTION 3306 – PROTECTION OF PEDESTRIANS

Section: 3306.2 Walkways.

Rationale: HCD proposes to adopt the above referenced section with an existing California amendment. The existing amendment provides an accurate reference to the accessibility provisions located in Chapter 11A. The proposed amendment has been brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code. There is no intended change in regulatory effect.

**41. CHAPTER 34
RESERVED**

HCD proposes not to adopt Chapter 34 from the 2015 International Building Code into the 2016 California Building Code:

**42. CHAPTER 34
EXISTING STRUCTURES**

HCD proposes to repeal and not bring forward the existing California amendments from the 2013 California Building Code, Chapter 34 into the 2016 California Building Code. Currently the requirements for existing buildings in California are contained in the 2013 California Building Code, Chapter 34. Action taken during the International Code Council 2015 Code Development Process removed the provisions for existing buildings in Chapter 34 from the International Building Code. The provisions of this chapter are now contained in the 2015 International Existing Building Code (IEBC).

To meet the new model code format, HCD proposes to adopt Chapters 1, 2, 3 and 4 of the IEBC, and relocate the existing California amendments from Chapter 34 to the California Existing Building Code.

HCD proposes in separate rulemaking activity to adopt the 2015 International Existing Building Code and incorporate the California amendments from Chapter 34 of the 2013 CBC into the 2016 CEBC.

**43. CHAPTER 35
REFERENCED STANDARDS**

HCD proposes to adopt Chapter 35 from the 2015 International Building Code into the 2016 California Building Code with new and existing amendments as follows:

HCD proposes to continue adoption of California amendments, removing references to codes that California does not adopt, such as the International Mechanical Code and the International Plumbing Code, and other codes published by the International Code Council.

HCD proposes to remove reference to ICC/ANSI A117.1. The California Building Code, Chapter 11A, includes accessibility provisions. In certain cases, California accessibility requirements exceed those in ICC/ANSI A117.1.

**44. APPENDIX A
EMPLOYEE QUALIFICATIONS**

HCD proposes not to adopt Appendix A from the 2015 International Building Code.

**45. APPENDIX B
BOARD OF APPEALS**

HCD proposes not to adopt Appendix B from the 2015 International Building Code.

**46. APPENDIX C
GROUP U – AGRICULTURAL BUILDINGS**

HCD proposes not to adopt Appendix C from the 2015 International Building Code.

**47. APPENDIX D
FIRE DISTRICTS**

HCD proposes not to adopt Appendix D from the 2015 International Building Code.

**48. APPENDIX E
SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS**

HCD proposes not to adopt Appendix E from the 2015 International Building Code.

**49. APPENDIX F
RODENTPROOFING**

HCD proposes not to adopt Appendix F from the 2015 International Building Code.

**50. APPENDIX G
FLOOD-RESISTANT CONSTRUCTION**

HCD proposes not to adopt Appendix G from the 2015 International Building Code.

**51. APPENDIX H
SIGNS**

HCD proposes not to adopt Appendix H from the 2015 International Building Code.

**52. APPENDIX I
PATIO COVERS**

HCD proposes to adopt Appendix I from the 2015 International Building Code into the 2016 California Building Code without amendments.

**53. APPENDIX J
GRADING**

HCD proposes to adopt Appendix J from the 2015 International Building Code into the 2016 California Building Code with new amendment as follows:

SECTION J104 – PERMIT APPLICATION AND SUBMITTALS

Section: J104.1 Submittal requirements.

Rationale: HCD proposes to adopt the above referenced section with new California amendment. The new amendment provides the code user with the correct reference to Chapter 1, Division I, Section 1.8.4. Section 105.3, referenced in the model code, is not proposed for adoption by HCD. The proposed amendment provides clarity to the code user. There is no intended change in regulatory effect.

**54. APPENDIX K
ADMINISTRATIVE PROVISIONS**

HCD proposes not to adopt Appendix K from the 2015 International Building Code. This appendix contains only administrative provisions that are intended to be used by jurisdictions to implement and enforce NFPA 70, the National Electrical Code.

**55. APPENDIX L
EARTHQUAKE RECORDING INSTRUMENTATION**

HCD proposes not to adopt Appendix L from the 2015 International Building Code.

**56. APPENDIX M
TSUNAMI-GENERATED FLOOD HAZARD**

HCD proposes not to adopt Appendix M from the 2015 International Building Code.

TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENTS:

(Government Code Section 11346.2(b)(3) requires an identification of each technical, theoretical, and empirical study, report, or similar document, if any, upon which the agency relies in proposing the regulation(s).

None.

STATEMENT OF JUSTIFICATION FOR PRESCRIPTIVE STANDARDS:

(Government Code Section 11346.2(b)(1) requires a statement of the reasons why an agency believes any mandates for specific technologies or equipment or prescriptive standards are required.)

HCD is statutorily required to adopt by reference model building codes, which contain prescriptive standards. Prescriptive standards provide the following: explicit guidance for certain mandated requirements; consistent application and enforcement of building standards while also establishing clear design parameters; and ensure compliance with minimum health, safety and welfare standards for owners, occupants and guests.

Performance standards are permitted by state law; however, they must be demonstrated to the satisfaction of the proper enforcing agency.

CONSIDERATION OF REASONABLE ALTERNATIVES

(Government Code Section 11346.2(b)(4)(A) requires a description of reasonable alternatives to the regulation and the agency's reasons for rejecting those alternatives. In the case of a regulation that would mandate the use of specific technologies or equipment or prescribe specific action or procedures, the imposition of performance standards shall be considered as an alternate. It is not the intent of this paragraph to require the agency to artificially construct alternatives or describe unreasonable alternatives.)

None. There were no alternatives available to HCD. HCD is required by statute to adopt the model code by reference. The proposed amendments are the only reasonable alternative for clarifying the 2016 CRC.

REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.

(Government Code Section 11346.2(b)(4)(B) requires a description of any reasonable alternatives that have been identified or that have otherwise been identified and brought to the attention of the agency that would lessen any adverse impact on small business.)

None. There were no alternatives available to HCD. HCD is required by statute to adopt the model code by reference. The proposed amendments have no negative impact on small business.

FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE IMPACT ON BUSINESS.

(Government Code Section 11346.2(b)(5)(A) requires the facts, evidence, documents, testimony, or other evidence on which the agency relies to support an initial determination that the action will not have a significant adverse economic impact on business.)

HCD has determined that this regulatory action would have no significant adverse economic impact on California business enterprises and individuals, including the ability of California businesses to compete with businesses in other states.

ASSESSMENT OF EFFECT OF REGULATIONS UPON JOBS AND BUSINESS EXPANSION, ELIMINATION OR CREATION.

(Government Code Sections 11346.3(b)(1) and 11346.5(a)(10)).

HCD has assessed whether or not and to what extent this proposal will affect the following:

- The creation or elimination of jobs within the State of California.

These regulations will not affect the creation, or cause the elimination, of jobs within the State of California.

- The creation of new businesses or the elimination of existing businesses within the State of California.

These regulations will not affect the creation or the elimination of existing business within the State of California.

- The expansion of businesses currently doing business with the State of California.

These regulations will not affect the expansion of businesses currently doing business within the State of California.

- The benefits of the regulations to the health and welfare of California residents, worker safety, and the state's environment.

These regulations will update and improve minimum existing building standards, which will provide increased protection of public health and safety, worker safety and the environment.

ESTIMATED COST OF COMPLIANCE, ESTIMATED POTENTIAL BENEFITS, AND RELATED ASSUMPTIONS USED FOR BUILDING STANDARDS

(Government Code Section 11346.2(b)(6)(B)(i) states if a proposed regulation is a building standard, the initial statement of reasons shall include the estimated cost of compliance, the estimated potential benefits, and the related assumptions used to determine the estimates.)

- No increased cost of compliance for those regulations that make only technical and nonsubstantive changes.
- The potential benefits provide recognition and appropriate use of new technologies and materials, clarity for the code users and local enforcement agencies, and may increase business due to the adoption of new building standards.
- Protection of public health and safety, worker safety and the environment.

DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS

(Government Code Section 11346.2(b)(6) requires a department, board, or commission within the Environmental Protection Agency, the Resources Agency, or the Office of the State Fire Marshal to describe its efforts, in connection with a proposed rulemaking action, to avoid unnecessary duplication or conflicts with federal regulations contained in the Code of Federal Regulations addressing the same issues. These agencies may adopt regulations different from these federal regulations upon a finding of one or more of the following justifications: (A) The differing state regulations are authorized by law and/or (B) The cost of differing state regulations is justified by the benefit to human health, public safety, public welfare, or the environment.)

These regulations do not duplicate nor conflict with federal regulations.