

Code Amendment Proposal Form

For public amendments proposed to the 2021 editions of the International Codes



Instructions: Upload this form and all accompanying documentation. If you are submitting your proposal on a separate sheet, make sure it includes all information requested below.

All proposals must be received by **July 23, 2021**.

CONTACT INFORMATION

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Organization: Building Dept Liaison Committee of Structural Engineers Association of Colorado

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Signature: *Rodger Young*

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

DBC-

- 1) Code(s) associated with this proposal. Please use acronym: IBC
If you submitted a separate coordination change to another code, please indicate which code: _____

<u>Acronym</u>	<u>Code Name</u>	<u>Acronym</u>	<u>Code Name</u>
DBC-AP	Denver Building Code—Administrative Provisions	IFC	International Fire Code
DBC-xxx	Denver Building Code—xxx (code) amendments (e.g., DBC-IBC, DBC-IEBC)	IFGC	International Fuel Gas Code
IBC	International Building Code	IRC	International Residential Code
IEBC	International Existing Building Code	IMC	International Mechanical Code
IECC	International Energy Conservation Code	IPC	International Plumbing Code
		DGC	Denver Green Code

- 2) Please check here if a separate graphic file is provided:
Graphics may also be embedded within your proposal below.
- 3) Use this template to submit your proposal or attach a separate file, but please include all items requested below in your proposal. The only formatting needed is **BOLDING**, ~~STRIKEOUT~~ AND UNDERLINING. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by CPD.

Code Sections/Tables/Figures Proposed for Revision:

EARTHQUAKE LOADS
Section 1613.1

Proposal:

Add new text as follows:

Section 1613.1 Scope is amended by adding the following exception.

6. Requirements of ASCE 7 Section 13.5.10, Egress stairs and ramps, are not required for structures assigned to Seismic Design Category B.

Supporting Information:

Purpose. To recognize that the requirements for seismic detailing or increased structural design modeling, newly introduced in ASCE 7-16, are excessive given the seismic demands in Seismic Design Category B.

Reasons/Substantiation: The reference standard requires that egress stairs and ramps have connections detailed to accommodate seismic relative displacements, or that if sliding or ductile connections are not provided, the structural design model be made to include the stairs as a part of the lateral force resisting system.

This requirement requires significant additional time for the structural designer and will result in “typical” stair connections familiar to local fabricators and erectors no longer being adequate.

Referenced Standards:

No new standard added.

Impact:

The requirement for sliding or ductile connections will result in additional design and fabrication costs for a project which is not warranted with the magnitude of seismic displacements in Seismic Design Category B and their related risk to egress system.

Note: Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- The effect of the proposal on the cost of construction: Increase Reduce No Effect
- The effect of the proposal on the cost of design: Increase Reduce No Effect
- Is the proposal more or less restrictive than the I-codes: More Less Same

Departmental Impact: (To be filled out by CPD staff)

Note: CITY STAFF ONLY. Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- The effect of the proposal on the cost of review: Increase Reduce No Effect
- The effect of the proposal on the cost of enforcement/inspection: Increase Reduce No Effect