

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 or Representing Self: Group14 Engineering

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Signature: Anna McCullough

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: 2021 IECC

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-xxxx	Denver Building Code–xxxx (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:

Section C402.5.2 Dwelling and sleeping unit enclosure testing.

Note: If the proposal is for a new section, indicate (new).

Proposal:

Add new text as follows:

Exception: Multifamily buildings with common interior corridors which comply with Section C402.5.3.

Supporting Information:

Purpose: To add an exception to individual unit blower door testing for multifamily buildings that have common internal corridors.

Reasons: Section C402.5.2 states that the building thermal envelope is intended to be tested for individual multifamily units. However, this section requires testing of individual units. This means that not only is the unit's thermal envelope being tested, but also the party walls between units. In the 2019 Denver Amendments, multifamily building thermal envelopes were required to be tested on a floor-by-floor basis, as is described in Section C402.5.3. This proposal maintains the intent of the 2019 Denver Amendments to test the actual air barrier within the thermal envelope of the building by making large multifamily buildings comply with the commercial envelope testing requirements. It also allows individual units to be tested when common internal corridors are not present (for example, three-story, walk-up multifamily buildings). These units will not be able to successfully meet the 0.4 cfm/ft² at 75 Pa testing requirement of the commercial section. The 0.3 cfm/ft² at 50 Pa testing requirement listed in Section C402.5.2 is much more appropriate.

Therefore, we recommend exempting large multifamily buildings with common internal corridors from the individual unit testing requirements when they meet the requirements of Section C402.5.3.

Referenced Standards:

N/A

Note: List any new referenced standards that are proposed to be referenced in the code.

Impact:

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