



# DENVER AMENDMENT PROPOSAL FORM FOR PROPOSALS TO THE 2019 DENVER BUILDING CODE AMENDMENTS AND THE 2021 INTERNATIONAL CODES

**DENVER**  
THE MILE HIGH CITY

## 2021 CODE DEVELOPMENT CYCLE

1) **Name:** John Woycheese **Date:** October 13, 2021  
**Email:** john.woycheese@denvergov.org **Representing (organization or self):** Organization

2) One proposal per this document is to be provided with clear and concise information.

Is a separate graphic file provided ( "X" to answer): \_\_\_ Yes or \_\_\_ No

3) Highlight the code and acronym that applies to the proposal

<u>Acronym</u>	<u>Code Name</u>	<u>Acronym</u>	<u>Code Name</u>
DBC-AP	Denver Building Code–Administrative Provisions	IPC	International Plumbing Code
IBC	International Building Code	IRC	International Residential Code
IECC	International Energy Conservation Code	IFGC	International Fuel Gas Code
IEBC	International Existing Building Code	IMC	International Mechanical Code
<b>IFC</b>	<b>International Fire Code</b>	DGC	Denver Green Code

## AMENDMENT PROPOSAL

Please provide all the following items in your amendment proposal.

<p><b><u>Code Sections/Tables/Figures Proposed for Revision:</u></b>  <b>Instructions:</b> If the proposal is for a new section, indicate (new), otherwise enter applicable code section.</p> <p>903.4.3</p>
<p><b><u>Proposal:</u></b>  <b>Instructions:</b> Show the proposal using <del>strikeout</del>, <u>underline</u> format.  <b>Place "X" next to choice that best defines your proposal:</b> <input checked="" type="checkbox"/> Revision ___ New Text ___ Delete/Substitute ___ Deletion</p> <p><b>Section 903.4.3 Floor control valves is replaced as follows:</b></p> <p><b>903.4.3 Floor control valves.</b> An <i>approved</i> floor control valve, check valve, drain valve, and flow switch (<u>floor control valve assembly</u>) for isolation, control, and annunciation shall be provided <del>for at each sprinklered-level, including the topmost</del> <u>those where sprinklers are supplied by piping on the floor below, of buildings meeting at least one of the following conditions:</u></p> <ol style="list-style-type: none"> <li>1. <del>More than Exceeding</del> <u>Exceeding</u> two stories <del>in height</del> with a total area of all floors <del>combined area, including mezzanines, of all levels</del> exceeding the NFPA 13 system protection area limitations or;</li> <li>2. Required to have standpipes in accordance with Section 905.</li> </ol> <p><b><u>Exception:</u></b> Attic-level sprinklers supplied from the level below are not required to have a separate floor control valve assembly.</p>
<p><b><u>Supporting Information (Required):</u></b>  All proposals must include a written explanation and justification as to how they address physical, environmental, and/or customary characteristics that are specific to the City and County of Denver. The following questions must be answered for a proposal to be considered.</p> <p>- Purpose: What does your proposal achieve?</p> <p>The proposal generally clarifies the requirements under which floor control valve assemblies are required.</p>

- Reason: Why is your proposal necessary?

The proposal reduces potential confusion regarding existing Denver-specific requirements for provision of floor control valve assemblies.

- Substantiation: Why is your proposal valid? (i.e. technical justification)

The current phrase – “including the topmost [level]” – does not clearly indicate that Denver does not follow the NFPA 13 allowance (from 16.9.11.2) for combining the top two levels of a building under one floor control valve. The new language mirrors that from NFPA 13 to clarify Denver requirements, with an added exception to address Denver expectations where a wet-pipe sprinkler system is extended into a (heated) attic. (An attic protected with a dry system would still have a separate flow switch.)

**Bibliography and Access to Materials** (as needed when substantiating material is associated with the amendment proposal):

**Other Regulations Proposed to be Affected**

**\*For proposals to delete content from the 2019 Denver Green Code in conjunction with adding it to other mandatory Denver codes and/or regulations, only.**

Please identify which other mandatory codes or regulations are suggested to be updated (if any) to accept relocated content.

**Referenced Standards:**

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

**Impact:**

How will this proposal impact cost and restrictiveness of code? (“X” answer for each item below)

Cost of construction:	<input type="checkbox"/> Increase	<input type="checkbox"/> Decrease	<input checked="" type="checkbox"/> No Impact
Cost of design:	<input type="checkbox"/> Increase	<input type="checkbox"/> Decrease	<input checked="" type="checkbox"/> No Impact
Restrictiveness:	<input type="checkbox"/> Increase	<input type="checkbox"/> Decrease	<input checked="" type="checkbox"/> No Impact

**Departmental Impact (City use only):**

This amendment proposal increases/decreases/is neutral to the cost of plans review.

This amendment increases/decreases/is neutral to the cost of inspections.