



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:** Brian Lukus **Date:** August 31, 2021
Email: Brian.lukus@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 X 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
IFC	International Fire Code	DGC	Denver Green Code

AMENDMENT PROPOSAL

Please provide all the following items in your amendment proposal.

Code Sections/Tables/Figures Proposed for Revision:

Instructions: If the proposal is for a new section, indicate (new), otherwise enter applicable code section.

New

Proposal:

Instructions: Show the proposal using ~~strikeout~~, underline format.

Place "X" next to choice that best defines your proposal: ___ Revision X New Text ___ Delete/Substitute ___ Deletion

Section 3904.2 Vertical growing systems is added as follows:

3904.2 Vertical growing systems. Vertical growing systems, racks, and shelves where the top of the plants or lighting is greater than 12 feet in height shall be in accordance with Chapter 32 as a commodity classification. The amount of plastic utilized in grow containers and irrigation components shall be accounted for in the commodity analysis for determining the hazard classification.

Supporting Information (Required):

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.

- Purpose: What does your proposal achieve?

The current Code isn't clear on how to address hazards with growing plants at heights exceeding 12'. High pile storage chapters address fire hazards in racks / shelves at height. Some may argue that this isn't storage, however the fire hazards are the same and a fire is more challenging when the height of the fire is over 12'. The reference to the high pile storage chapter will make it clear that it is intended to address these hazards with the high pile storage chapter.

- Reason: Why is your proposal necessary?

Clear code direction does not exist currently.

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

The topics in chapter 32 address fire hazards in racks at heights exceeding 12' including fire department access, rack arrangement, fire protection systems, etc. The hazards for growing plants at heights exceeding 12' are best addressed in this chapter. Currently these hazards are addressed using this chapter however under the discretion of DFC 102.8 & 102.9.

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: ___ Increase ___ Decrease X No Impact

Cost of design: ___ Increase ___ Decrease X No Impact

Restrictiveness: ___ Increase ___ Decrease X 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.