



# 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

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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	<b>IRC</b>	<b>International Residential Code</b>
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.

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**Proposal:**  
**Instructions:** Show the proposal using ~~strikeout~~, underline format.  
**Place an “X” next to the choice that best defines your proposal:** \_\_\_ Revision \_\_\_ **X** **New Text** \_\_\_ Delete/Substitute \_\_\_  
 Deletion

**R403.1 General is amended by adding the Exception as follows:**

**R403.1 General.** All exterior walls shall be supported on continuous solid or fully grouted masonry or concrete footings, crushed stone footings, wood foundations, or other approved structural systems that shall be of sufficient design to accommodate all loads according to Section R301 and to transmit the resulting loads to the soil within the limitations as determined from the character of the soil. Footings shall be supported on undisturbed natural soils or engineered fill. Concrete footing shall be designed and constructed in accordance with the provisions of Section R403 or in accordance with ACI 332.

**Exception:** Footings are not required for support of exterior walls or floors of storage sheds of light-frame construction, or other accessory structures as approved by the building official, in accordance with all of the following:

- 1) 200 square feet or less in area.
- 2) 10 feet or less in height, measured from *grade plane* to the top of the wall’s top plate.
- 3) Anchored to a slab or secured with one earth anchor at each corner and a total of at least 4 anchors. Anchors shall be installed in accordance with the manufacturer’s specifications.

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**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?

This proposal codifies a structural system that has been accepted and approved in Denver for storage sheds.

- Reason: Why is your proposal necessary?

The proposal will codify an accepted structural system for storage sheds. This will provide the parameters for applicants to design to and for reviewers to review to.

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

Denver has utilized these methods for foundation and anchorage of small storage sheds successfully for many years. The limited area and height and the use as storage reduces the hazard and concern of settling or differential movement in the lightweight structure. Wind has not proven to be an issue for small sheds held down with earth anchors.

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