

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: Western Resource Advocates

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Signature:

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

- 1) Code(s) associated with this proposal. Please use acronym: DGC
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:

- DGC 2019 Chapter 5 - Site Sustainability
 - 501.3.9 (5.3.9) Soil Amendment

Proposal:

Place an "X" next to the choice that best defines your proposal: X Revision _ New Text __ Delete/Substitute __ Deletion

501.3.4 (5.3.9) Soil Amendment (~~Project Elective~~ **Mandatory).** Soil amendment shall be applied to all permeable areas of the *site*, prior to the installation of plant material, including sod, and incorporated or rototilled to a depth of 4-6 inches.

All permeable areas shall apply a minimum of 4 cubic yards per 1,000 square feet of permeable areas.

A minimum application rate of 12 cubic yards per 1,000 square feet is required for amended topsoil.

Exception:

1. Native grass seeded areas with an application rate of 2 cubic yards per 1,000 square feet of seeded area. The site must be raked smooth and finish grades must be established. Rock and debris over 1-inch in diameter that interfere with planting and maintenance operations must be removed from the site.
2. Green roof plant medium and engineered storm- water quality structures where a geotechnical engineer provides recommendations on soil conditions.

Supporting Information:

Purpose: The purpose of the proposed amendment is to encourage water efficiency in new development and redevelopment in Denver by instituting best management practices for indoor, outdoor, and onsite reuse practices. By reducing per capita water consumption, Denver can build water system resilience in the face of population growth and climate change.

Reasons: The Colorado River Basin is in the midst of an unprecedented drought and these conditions will only be exacerbated in the future by climate change and population growth. In the Front Range, water conservation is our most affordable and most reliable water supply option. Smart, integrated water and land use planning efforts today will help build water resource resiliency in Denver in the future.

Substantiation & Works Cited: Soil amendment requirements are common throughout the Colorado Front Range. This proposal should be mandatory in both DGC and DBC. Currently this is required by Denver Water, but this should be moved to DGC/DBC as CCD take a larger role with landscape codes for new construction.

[Soil Amendment Program | Denver Water](#)

Referenced Standards:

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

Impact:

Some of the proposed amendments listed above may result in modest increases in price for construction and design such as increased fixture/appliance costs, and increased costs of native, drought tolerant landscape design and installation. However, as noted above, these modest increases are far outweighed by the environmental and social benefits of water efficient new development.

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

