



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 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

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.

R105.1 – R105.6 SECTION R105INSPECTIONS

Proposal:

Instructions: Show the proposal using strikeout, underline format.

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

R105.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official* or his or her designated agent, and such construction or work shall remain visible and able to be accessed for inspection purposes until *approved*. It shall be the duty of the permit applicant to cause the work to remain visible and able to be accessed for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

R105.2 Required inspections. The *code official* or his or her designated agent, upon notification, shall make the inspections set forth in Sections R105.2.1 through R105.2.5.

R105.2.1 Footing and foundation inspection. Inspections associated with footings and foundations shall verify compliance with the code as to *R-value*, location, thickness, depth of burial and protection of insulation as required by the code and *approved* plans and specifications.

R105.2.2 Framing and rough-in inspection. Inspections at framing and rough-in shall be made before application of interior finish and shall verify compliance with the code as to: types of insulation and corresponding *R-values* and their correct location and proper installation;

fenestration properties such as *U*-factor and SHGC and proper installation; air leakage controls as required by the code; and *approved* plans and specifications.

R105.2.3 Plumbing rough-in inspection. Inspections at plumbing rough-in shall verify compliance as required by the code and *approved* plans and specifications as to types of insulation and corresponding *R*-values and protection, and required controls.

R105.2.4 Mechanical rough-in inspection. Inspections at mechanical rough-in shall verify compliance as required by the code and *approved* plans and specifications as to installed HVAC equipment type and size, required controls, system insulation and corresponding *R*-value, system air leakage control, programmable thermo-stats, dampers, whole-house ventilation, and minimum fan efficiency.

Exception: Systems serving multiple dwelling units shall be inspected in accordance with Section C105.2.4.

R105.2.5 Final inspection. The *building* shall have a final inspection and shall not be occupied until *approved*. The final inspection shall include verification of the installation of all required *building* systems, equipment and controls and their proper operation and the required number of high-efficacy lamps and fixtures.

R105.2.5.1 Final inspection reporting. Reporting needed for certificate of occupancy in addition to what may be called for within a specific compliance path. Blower door and duct leakage testing results, Section R401.3 certificate, approved third party reports as required.

R105.3 Reinspection. A *building* shall be reinspected where determined necessary by the *code official*.

R105.4 Approved third-party inspection agencies. The *code official* is authorized to accept reports of third-party inspection agencies ~~not affiliated with the *building* design or construction,~~ provided that such agencies are *approved* as to qualifications and reliability relevant to the *building* components and systems that they are inspecting or testing, and authorization is given prior to issuance of the building permit.

R105.4.1 Authorization of approved third-party inspection agency. When authorized, the third-party inspection agency shall have powers as delegated, as deputies of the authority having jurisdiction, per section R103.3 of the International Residential Code to pass or fail inspection.

R105.4.2 Approved third-party inspections scope. The authority having jurisdiction shall determine and delegate compliance verification measures the third-party inspection agency shall perform.

R105.4.2.1 Energy Rater. Depending on inspection to be performed, Energy Raters shall be an accredited RESNET HERS Rater, IECC/HERS compliance specialist, or have IECC residential energy inspector/plans examiner certification. A \$150.00 reduction of the building permit fee for a new home is available to builders, contractors or homeowners who use approved third-party inspection agencies.

R105.4.3 Approved third-party inspections reporting. The approved agency shall submit final inspection reports to the code official and to the owner's representative in accordance with Section 1704.2.4 of the International Building Code.

Supporting Information:

This proposal clarifies the relationship between 3rd party inspection agencies and the Code official, which enables the City of Denver to better use inspection and enforcement resources that are available to them. The proposal also incorporates current policy to offer a \$150 permit fee reduction for the use of HERS Rater 3rd party inspection agency.

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: _x_ Increase ___ Decrease ___ No Impact