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

2021 CODE DEVELOPMENT CYCLE

1) Name: Denver Staff  Date: July 29, 2021
   Email: David.renn@denvergov.org  Representing (organization or self): Denver

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

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
<th>Acronym</th>
<th>Code Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
<td>IRC</td>
<td>International Residential Code</td>
</tr>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IMC</td>
<td>International Mechanical Code</td>
</tr>
<tr>
<td>IFC</td>
<td>International Fire Code</td>
<td>DGC</td>
<td>Denver Green Code</td>
</tr>
</tbody>
</table>

AMENDMENT PROPOSAL

Please provide all the following items in your amendment proposal.

**Code Sections/Tables/Figures Proposed for Revision:**

DBCA 1503 Weather Protection; 1503.2.2 Mechanical Equipment on roof

**Proposal:**

x Revision

SECTION 1503
WEATHER PROTECTION

Section 1503.2.2 Mechanical equipment on roof is added as follows:

1503.2.2 Mechanical equipment on roof. Mechanical equipment placed or reset on roofing shall be supported on minimum 8-inch curbs, platforms, or legs bearing on the decking and made watertight. The 8-inch raised height shall be measured from the top of the installed roofing assembly to the top of the curbs, platforms, or legs.

Exception: Individual equipment units with a weight of 400 pounds or less may be supported on 8-inch legs bearing on the roof membrane if vibration isolation bearing pads, or approved equivalent isolation method, are provided between the bearing points and the roof and the roof warranty is not affected by the installation of the units on the roof membrane. All methods must be meet manufacturers requirements and recommendations for the application being proposed.

**Supporting Information (Required):**

While we believe that there does need to be a sacrificial layer that is not the membrane itself, so that deterioration doesn’t occur, we are not sure that it must always be a specific vibration isolation bearing pad. In some cases, it could be as simple as a patch or second layer of roof membrane that provides the isolation. Adding “or approved equivalent isolation method” gives staff the ability to approve designs on a case by case basis and not just always require the pads. This allows for more flexibility.

**Other Regulations Proposed to be Affected**

N/A

**Referenced Standards:** N/A
**Impact:**
How will this proposal impact cost and restrictiveness of code? ("X" answer for each item below)

<table>
<thead>
<tr>
<th>Cost of construction:</th>
<th>___ Increase</th>
<th>___ Decrease</th>
<th>___ No Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of design:</td>
<td>___ Increase</td>
<td>___ Decrease</td>
<td>___ No Impact</td>
</tr>
<tr>
<td>Restrictiveness:</td>
<td>___ Increase</td>
<td>___ Decrease</td>
<td>___ No Impact</td>
</tr>
</tbody>
</table>

**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.