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

2021 CODE DEVELOPMENT CYCLE

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   Representing (organization or self): Denver FD

Date: August 31, 2021

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

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
<td>IRC</td>
<td>International Residential Code</td>
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<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:**

**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  ___ New Text  ___ Delete/Substitute  ___ Deletion

903.2.10.2 Car Stackers. Where car stackers are installed, sprinklers shall be placed between stackers at the deck (ceiling) and shall comply with spacing requirements of NFPA 13.

**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?

Provides design direction to design teams and standardizes an approach.

- **Reason:** Why is your proposal necessary?

National Standards have not yet evolved to fully capture this evolving technology. As space become more limited and expensive, a greater number of parking garages are incorporating this storage arrangement.

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

Many past projects in Denver have located sprinklers above stackers without regard for the height of vehicles to be stored. Once buildings get in operation, it’s discovered vehicles in the top rack obstruct sprinkler discharge and the only corrective function is to limit height of vehicles stored which is infeasible for enforcement. A recent project determined only vehicles less than 4’-2” in height could be stored yet the common mid-size has a height of 5’-6”.
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)

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

This forces the designer to strategically place sprinkler coverage but does not impact the number of necessary sprinklers or cost.

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.

Neutral & Neutral