DENVER AMENDMENT PROPOSAL FORM
FOR CPD INTERNAL PROPOSALS TO THE 2016 DENVER BUILDING CODE AMENDMENTS AND THE 2018 INTERNATIONAL CODES

2018 CODE DEVELOPMENT CYCLE

1) Name: Antonio Caro, PE
   Date: 03.09.19
   Denver Fire Dept

2) Proposals should be drafted in Word with the only formatting that is needed being BOLDING, STRIKEOUT AND UNDERLINING. Please do not provide additional formatting such as tabs, columns, etc.

Please use a separate form for each proposal submitted.

Is separate graphic file provided (Yes or No):

<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></td>
<td></td>
</tr>
</tbody>
</table>

AMENDMENT PROPOSAL

Code Sections/Tables/Figures Proposed for Revision:

DBC-IFC 903.2.8.6

Proposal:

Revise Denver amendments as follows:

903.2.8.6 Townhouses. When two or more contiguous residential dwelling units constructed as townhouses, including those permitted under the IRC, are protected by a single, monitored sprinkler system, that system shall be configured so it can be isolated (with valve and tamper switch) and water flow is enunciated separately at the fire alarm control panel for each dwelling unit and each protected common area.

Supporting Information:

This concept allows system maintenance to only impact single portions of the system without deactivating the entire buildings protection. In addition, if any units experience a fire condition, the impacted unit is isolated and the remainder of the building does not require complete evacuation. Denver Fire has been very successful in maintaining fire to the room of origin, therefore this concept allows isolating that unit and not needing to vacate all other dwelling units (avoid misplacing residents) while the impacted unit is rebuilt/renovated.

Referenced Standards:

None

Impact:
Proposal adds minor cost up front but such is quickly recuperated during any system outage.

November 15, 2005
| Proposal adds minor cost to design.  
| Design topic (details) not addressed by I-codes. |

**Departmental Impact:**
Proposal adds minor cost to review and not impact to enforcement.