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

2021 CODE DEVELOPMENT CYCLE

1) Name: Michael Stewart  
   Email: Michael.stewart@denvergov.org  
   Date: August 31, 2021  
   Representing (organization or self): Organization

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>
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<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
<td>IRC</td>
<td>International Residential Code</td>
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<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IMC</td>
<td>International Mechanical Code</td>
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<tr>
<td>IFC</td>
<td>International Fire Code</td>
<td>DGC</td>
<td>Denver Green Code</td>
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</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.

<table>
<thead>
<tr>
<th>Code Sections/Tables/Figures Proposed for Revision:</th>
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<tbody>
<tr>
<td>907.2.12.7</td>
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</table>

**Proposal:**

**Instructions:** Show the proposal using **strikeout**, **underline** format.

Place “X” next to choice that best defines your proposal: ___ Revision  X New Text ___ Delete/Substitute ___ Deletion

907.2.13.7 Elevator status/control panel. An elevator status/control panel shall be provided. The elevator status/control panel shall comply with DFD policy 907.2.12.6 and:

1. Identify each elevator cab alphanumerically and the floors it serves. Identify corresponding cab number in elevator cab.

2. Indicate elevator(s) that are operating on emergency power. Visual indicators in accordance with ASME A17.1 are required.

3. Have a placard at elevator status/control panel stating how many elevators can operate under emergency power simultaneously.

4. Indicate elevator car position.

5. Indicate whether the elevators are operational.

6. Indicate direction of travel.

7. Have key switches as required for selective activation of cars if all are not capable of simultaneous operation on secondary power.

8. Phase I Fire Service Recall Key switches in accordance with ASME A17.1.
9. Two-way communication system from the elevator to the FCC shall be incorporated on the elevator status panel. Two-way communication systems shall meet ASME A17.1.

10. Indicate whether the hoistway doors are open or closed.

11. Visual signal (flashing firefighter hat) for each elevator that has a corresponding in-car visual signal (flashing firefighter hat).

No other elevator functions shall be installed on these panels without approval from the fire code official.

**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?

  ASME A17.1 Section 2.27.2.4.3 requires an indicator that the elevator has returned to the designated floor and the door is in the normally open position. This requirement conflicts with Denver Fire Code for pressurized hoistways, by requiring door open closed position we would still meet the spirit of the requirement

  Flashing hat indicator – The in-car fire hat when flashing tells firefighters that the elevator could be unsafe as smoke has been detected in the elevator machine/Control room/space or hoistway. Depending on the configuration of a group or bank of elevators it is entirely possible that not all elevators are unsafe to operate and the fire hat may not be flashing in all elevators in a group. By adding this function to the elevator status panel the Incident Commander can inform firefighter of what elevators are still safe for their use

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

  Brings us in line with ASME A17.1 Section 2.27.2.4.3 and helps with Fire Operations during an emergency to bring real time information to the Incident Commander.

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

  To be compliant with ASME A17.1, Section 2.27.2.4.3 The selector switch(es) shall be located at the designated level in view of all elevator entrances; if located elsewhere, means shall be provided adjacent to the selector switch(es) to indicate that the elevator is at the designated level with the doors in the normally open position.

**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.

*Denver Fire 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>No Impact</th>
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<tbody>
<tr>
<td>Cost of construction</td>
<td>X</td>
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<tr>
<td>Cost of design</td>
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<td>Restrictiveness</td>
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**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.