



DENVER
THE MILE HIGH CITY

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

2021 CODE DEVELOPMENT CYCLE

1) **Name:** Antonio Caro, PE **Date:** August 31, 2021
Email: Antonio.caro@denvergov.org **Representing (organization or self):** Denver FD

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

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.
508.2

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

Section 508.2 Fire command room is added as follows:

508.2 Fire command room. A fire command room shall be provided in the following locations:

- In a building with any emergency voice/alarm communication system.
- In a building where the owner requests that the fire alarm and life safety equipment not be installed in the lobby of the building.
- In a building where elevator cabs or lobbies must be monitored by surveillance equipment.

~~Where required by Section 907.5.2.2.8, in a building with any emergency voice/alarm communication system or in a building where the owner requests that the fire alarm and life safety equipment not be installed in the lobby of the building, a fire command room shall be provided.~~

The fire command room shall be not less than 48 square feet (4.46 m²) with a minimum dimension of 8 feet (2.44 m), but not less than that required to accommodate the equipment on one wall. A minimum clear dimension of 6 feet (1.82 m) shall be provided in front of the equipment. The room shall be separated from the remainder of the *building* by not less than a 1-hour *fire barrier* constructed in accordance with Section 707 of the *International Building Code*, or horizontal assembly constructed in accordance with Section 711 of the *International Building Code*, or both. The fire command room shall be located in accordance with Section 508.1.1 and shall contain the following equipment, where provided:

1. Fire alarm control unit.
2. Emergency voice/alarm communication equipment.
3. Smoke control panel.
4. Emergency/Standby generator status panel.
5. Fire Pump remote status panel.
6. MNS equipment.
7. Two-way communication required by Sections 1009.6.5, 1009.8, 1010.1.9.13.7 Item 3(b), and 3008.6.6 of the *International Building Code* and two-way communication system required for elevator communication in accordance with ASME A17.1.
8. Elevator surveillance equipment.

The building annunciator shall be located as *approved* by the *fire code official*.

Exception: Unless *approved* by 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?

This accounts for recent requirements added into ASME A17.1.

- Reason: Why is your proposal necessary?

Coordinate requirements found in different codes/standards to better direct designers and avoid confusion/conflict.

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

Current technology offered by Elevator vendors to meet such surveillance requirements must be kept safe from tampering. DFD Incident Commanders per Standard Operating Guidelines are afforded all life safety system annunciation and applicable control points in one location of a building typically in the entry lobby. Surveillance equipment should not be exposed to public viewing or access.

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:	<input checked="" type="checkbox"/> Increase	<input type="checkbox"/> Decrease	<input type="checkbox"/> No Impact
Cost of design:	<input checked="" type="checkbox"/> Increase	<input type="checkbox"/> Decrease	<input type="checkbox"/> No Impact
Restrictiveness:	<input checked="" type="checkbox"/> Increase	<input type="checkbox"/> Decrease	<input type="checkbox"/> No Impact

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