



## Fire Prevention Division

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### SUPPLEMENTAL RULES & REGULATIONS

<b>Number:</b>	08-509.1		
<b>Subject:</b>	Fire Control Rooms		
<b>Code:</b>	2003 International Fire Code	<b>Code Section:</b>	509.1
<b>Effective Date:</b>	June 12, 2008	<b>Issued by:</b>	Fire Marshal Roger Parker <i>Roger Parker</i>
<b>Revision Date:</b>	NA	<b>Issued by:</b>	NA
<b>Supersedes:</b>	NA	<b>Date:</b>	NA

**AUTHORITY:**

§104.1 of the 2003 International Fire Code authorizes the fire marshal to render interpretations of the fire code, and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions.

**PURPOSE:**

To establish a requirement for a single point of response for firefighters to access building keys, fire alarm control units (panels), and fire sprinkler system controls when responding to an emergency at a building.

**SCOPE:**

This regulation covers all facilities, buildings, or uses within the City of Avondale after the effective date.

**GENERAL:**

The 2003 International Fire Code §509.1 states:

*Where required by other sections of this code and in all buildings classified as high-rise buildings by the International Building Code, a fire command center for fire department operations shall be provided. The location and accessibility of the fire command center shall be approved by the fire department. The fire command center shall be separated from the remainder of the building by not less than a 1-hour fire-resistance-rated fire barrier. The room shall be a minimum of 96 square feet (9 m<sup>2</sup>) with a minimum dimension of 8 feet (2438 mm). A layout of the fire command center and all features required by this section to be contained therein shall be submitted for approval prior to installation. The fire command center shall comply with NFPA72 and shall contain the following features:*

- 1. The emergency voice/alarm communication system unit.*
- 2. The fire department communications system.*
- 3. Fire-detection and alarm system annunciator system.*
- 4. Annunciator visually indicating the location of the elevators and whether they are operational.*

5. *Status indicators and controls for air-handling systems.*
6. *The fire-fighter's control panel required by Section 909.16 for smoke control systems installed in the building.*
7. *Controls for unlocking stairway doors simultaneously.*
8. *Sprinkler valve and water-flow detector display panels.*
9. *Emergency and standby power status indicators.*
10. *A telephone for fire department use with controlled access to the public telephone system.*
11. *Fire pump status indicators.*
12. *Schematic building plans indicating the typical floor plan and detailing the building core, means of egress, fire protection systems, fire-fighting equipment and fire department access.*
13. *Work table.*
14. *Generator supervision devices, manual start and transfer features.*
15. *Public address system, where specifically required by other sections of this code.*

#### **SUPPLEMENTAL RULE OR REGULATION:**

In all buildings not classified as high-rise buildings by the International Building Code, a fire control room for fire department operations shall be provided in accordance with this policy:

1. The location and accessibility of the fire control room shall be approved by the fire department.
2. Access to the fire control room shall be through an exterior door.
3. The fire control room shall be sized to provide a minimum 3 foot clearance around fire protection systems and equipment for access and maintenance.
4. A layout of the fire control room shall be included on the building plans.
5. The fire control room shall be separated from the remainder of the building by not less than a 1-hour fire-resistance-rated fire barrier.
6. The fire control room shall be for fire protection equipment only. Other equipment in the room must be approved in advance by the fire marshal.

The fire control room exterior shall include:

1. Access to the fire control room by sidewalk or approved hard surface landscaping.
2. An approved fire department key box located adjacent to the fire control room door (installed with the bottom of the key box 66" high).
3. An approved sign stating: "Fire Control Room" on the exterior door (in accordance with fire department policy).
4. An approved sign stating: "FDC" installed above the FDC (in accordance with fire department policy).

The fire control room shall contain the following:

1. Fire alarm control unit (panel) or annunciator as approved by the fire marshal.
2. Fire alarm system matrix posted on the wall next to the fire alarm control panel.
3. Fire alarm as-built plan box.
4. Fire sprinkler riser and control valves.
5. Emergency light to provide illumination in the room during power failures.
6. "STORAGE PROHIBITED" signs posted on the wall.