

## TECHNICAL BULLETIN NO. 02-2003

Date Issued: July 23, 2003  
Reference: 2003 Independent Living BC Non-Profit Housing  
Design and Construction Standards  
Subject: Elevators  
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BC Housing

**SUBJECT:** Elevators

**REFERENCE:**

*2003 Independent Living BC Non-Profit Housing Design and Construction Standards (ILBC Standards)*

Section 4 - Construction Standards, Section 14200 Elevators, page 194;

Section 2 - Design Guidelines, item 4.4 Elevator Design , page 59.

**PURPOSE:**

To clarify the requirements of the ILBC program in reference to :

- emergency recall and in-car emergency service operation vs. a designated firefighter's elevator;
- elevator service to the parkade level in a group arrangement.

**DESCRIPTION:**

1. Emergency Recall & In-Car Emergency Service Operation vs. a Designated Firefighter's Elevator.

The Guidelines require all elevators regardless of building height to be provided with automatic Emergency Recall operation (sometimes called Phase 1) as initiated by the building fire alarm system and to be equipped with In-Car Emergency Service operation (sometimes called Phase 2). These features can be provided voluntarily for any elevator in any building independent of other requirements such as emergency power for the elevator. Providing these features alone does not imply that an elevator should be designated as a firefighter's elevator. A designated firefighter's elevator must be provided with power from an emergency power source etc. and this is not the intent for anything but buildings that are classified as "high" buildings by the building code in which case the designation of a firefighter's elevator is mandatory.

2. Rise and Number of Stops of Elevators.

The guidelines require that all elevators in a group serve the same floors (Section 2 Design Guidelines page 62); however, elsewhere in the guidelines there is reference to having "at least" one elevator serving parking levels (Section 2 Design Guidelines page 60). In some cases this is being interpreted as requiring only one elevator in a group to serve the parking level(s). Having unequal rise or stops for the elevators in a group is false economy and a poor design and should be avoided.

END