



**County of San Diego
Planning & Development Services
BUILDING DIVISION**

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| ACCESSIBILITY CORRECTION LIST Multifamily Housing | 13A |
| Alarms | |

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| RECORD ID: | OWNER ON APPLICATION: |
|------------|-----------------------|

VISIBLE ALARMS

- Where fire alarm coverage required by CBC 907, identify location of visible alarms (strobe lights) in the following public- and common-use areas:
Exception: In other than I-2 and I-2.1 occupancies, visible alarms not required in alterations unless fire alarm system is added, upgraded, or replaced
Exception: Visible alarms not required in enclosed exit stairways, exterior exit stairs, or exterior exit ramps
Exception: Visible alarms not required in elevator cars
 Sanitary facilities including restrooms, bathrooms, and shower rooms
 Corridors
 Lobbies
 Meeting and conference rooms
 Filing, photocopy, and employee break rooms
 Dining rooms and cafeterias
 Multipurpose rooms
 Classrooms
 Gymnasiums
 Locker rooms
 Band and music practice rooms
 Occupational shops
 Other occupied rooms where ambient noise impairs hearing of fire alarm
 Other public- or common-use areas

CBC 907.5.2.3.1

- Where employee work areas require audible alarm coverage, specify notification appliance circuits serving employee work areas shall be designed with minimum 20-percent spare capacity to support adding visible notification devices in future to accommodate any hearing-impaired employees.

CBC 907.5.2.3.2

- Visible alarms shall be provided in R-2.1 sleeping units per CBC Table 907.5.2.3.3.

[F] TABLE 907.5.2.3.3
VISIBLE ALARMS

| NUMBER OF SLEEP UNITS | SLEEPING ACCOMMODATIONS WITH VISIBLE ALARMS |
|-----------------------|---|
| 6 to 25 | 2 |
| 26 to 50 | 4 |
| 51 to 75 | 7 |
| 76 to 100 | 9 |
| 101 to 150 | 12 |
| 151 to 200 | 14 |
| 201 to 300 | 17 |
| 301 to 400 | 20 |
| 401 to 500 | 22 |
| 501 to 1,000 | 5% of total |
| 1,001 and over | 50 plus 3 for each 100 over 1,000 |

CBC 907.5.2.3.3

**THIS DOCUMENT IS FOR PLAN REVIEW ONLY.
CORRECTION LIST ITEMS AND FIGURES MAY NOT BE REPRODUCED OR COPIED ON PLANS.
IF CONFLICTS EXIST BETWEEN CODE TEXT AND FIGURES, THE CODE TEXT SHALL GOVERN.**

4. Where fire alarm coverage required in R-2 occupancies by CBC 907, all dwelling units and sleeping units shall be provided with capability to support visible alarms, including potential for future interconnection of building fire alarm system with unit smoke alarms, replacement of audible appliances with combination audible/visible appliances, or future extension of existing wiring from unit smoke alarm locations to required locations for visible appliances.

CBC 907.5.2.3.4

AUDIBLE ALARMS

5. Where fire alarm coverage required by CBC 907, specify audible alarms complying with the following:
- Exception:** In patient areas of I-2 occupancies, visible alarms may be provided in lieu of audible alarms
- Exception:** Where average ambient noise great than 95 dBA, visible alarms shall be provided in lieu of audible alarms
- Sound distinctive alert not used for any purpose other than fire alarm
 - Exception:** In patient areas of I-2 occupancies, audible alarms shall be only chimes or similar-sounding devices for alerting staff
 - Exception:** Any audible alarms located in an occupant evacuation elevator lobby shall be connected to a separate notification zone for manual paging only
 - In every occupiable space within building, provide sound pressure level of 15 decibels above average ambient sound level or 5 decibels above maximum sound level having minimum 60-second duration, whichever is greater
 - Maximum sound pressure level of 110 decibels at minimum hearing distance from audible appliance
 - Audible signal shall be standard fire alarm evacuation signal, ANSI S3.41 Audible Emergency Evacuation Signal, "three pulse temporal pattern," as described in NFPA 72

CBC 907.5.2.1 and CBC 907.5.2.5

FIRE ALARM BOXES

6. Where manual fire alarms required by CBC 907, specify alarm boxes and protective covers complying with the following:
- Highest point of activating handle or lever located minimum 42 inches and maximum 48 inches above floor
 - Exception:** Existing manual fire alarm boxes
 - Operable with maximum 5 pounds of force
 - Operable with one hand and without tight grasping, pinching, or twisting of wrist

CBC 907.4.2 and CBC 1138A.4