

BUILDING DIVISION

PLAN CHECK NOTE

From: Building Plan Check

PCN # 25

Effective Date: 10-27-2008

Revised: 12-10-08

Subject: Security doors equipped with special delayed egress locks

Code reference:

2007 California Building Code, Sec. 1008.1.8.6

Findings:

For security reasons, special locking arrangements are permitted for doors serving occupancies other than those in Groups A, E, and H. The doors equipped with delayed egress locks shall comply with 2007 CBC Section 1008.1.8.6. Other special locking doors may be considered through an Alternative Materials and Methods of Construction application; however, to qualify, it shall provide the following safety components and fire protection features:

- 1) An additional code compliant exit door shall be provided immediately adjacent to the security door system. The means of egress system for the space under consideration shall not be dependent upon the security door system.
- 2) All code compliant exit doors shall have exit signs in accordance with CBC Section 1011. The special security doors shall have no exit sign(s).
- 3) The security doors shall be designed to automatically unlock upon actuation of building code compliant egress doors.
- 4) The security doors shall be designed to automatically unlock upon actuation of one of the following alarm systems:
 - a. Automatic sprinkler system, or
 - b. Automatic fire detection system, or
 - c. Building fire alarm system.The doors shall remain unlocked until the egress doors and alarm systems have been reset.
- 5) The security doors shall be designed to automatically unlock upon loss of power to the access control system or loss of power in the building.
- 6) The security doors shall be arranged to unlock from the outside of the building using an approved manual unlocking device located 40 inches to 48 inches vertically above the floor and within 5 feet of the secured doors. Ready access shall be provided to the manual unlocking device (Knox key system) for the emergency responders.
- 7) The security doors shall have the capability of being unlocked by a signal from a switch located in an approved location.
- 8) Emergency lighting shall be provided at the door.
- 9) The system shall be disabled after business hours and shall have the capability to enable the occupant to exit from the inside of the security chambers.
- 10) The system shall have voice communication capability to enable the occupant to communicate with an attendant.
- 11) The system and components shall comply with all of the requirements of the accessibility per CBC Ch. 11B.