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FA Systems When and What's needed?

Types of Fire Alarm Systems:

1. AES Box Master Box; direct tie to dispatch
2. Monitored by supervising alarm company
3. Local. Not allowed. (Ordinance requires supervision of all FA systems)
4. City Buildings. Master Box.

Occupancies needing Master Box:

1. Chapter 11 Special Structures High Rise. Master Box.
2. Chapter 12 New Assembly Occupancies greater than 300. Master Box.
3. Chapter 13 Existing Assembly Occupancies greater than 300. Master Box.
4. Chapter 14 New Educational Occupancies. 12.3.4.1.2 Exemptions. Master Box.
5. Chapter 15 Existing Educational Occupancies Same. Master Box.
6. Chapter 16 New Day-Care Occupancies. Required 16.3.4 Master Box if FA System is required
7. Chapter 17 Existing Day-Care Occupancies- per discretion of AHJ*
8. Chapter 18 New Health-Care Occupancies. Master Box.
9. Chapter 19 Existing Health-Care Occupancies. Master Box.
10. Chapter 20 New Ambulatory Health-Care Occupancies. Master Box.
11. Chapter 21 Existing Ambulatory Health-Care Occupancies. Master Box.
12. Chapter 22 New Detention and Correction Occupancies. Master Box.
13. Chapter 23 Existing Detention and Correctional Occupancies. Master Box.
14. Chapter 28 New Hotels and Dormitories Occupancies. Master Box.
15. Chapter 29 Existing Hotels and Dormitories Occupancies. Master Box.
16. Chapter 30 New Apartment Occupancies 30.3.4. Master Box? More than 20?
17. Chapter 31 Existing Apartment Buildings- per discretion of AHJ*
18. Chapter 32 New Residential and Board and Care Occupancies. Large. 32.1.1.5 Master Box. 32.2.3.4 Small.
19. Chapter 36 New Mercantile Occupancies. Malls. Master Box.
20. Chapter 37 Existing Mercantile Occupancies. 37.3.4 Class A. Malls Master Box.
21. Chapter 40 Industrial Occupancies. 40.3.4.1 Required if building occupancy load exceeds 100 people or if 25 of these people are above or below the level of Exit Discharge.
22. Chapter 42 Storage Occupancies. No for low hazard. Yes for ordinary or high hazard with aggregate floor area 100,000 ft².¹

¹ *AHJ= Authority Having Jurisdiction