

2010 Plan Review - Fire Alarm Reminder List

Applicable Codes and Standards

CBC 2010, CFC 2010
NFPA 72 2010

Instructions: The following items are to be verified for completeness prior to submitting to OSHPD for plan review

Submittal Requirements

1. Two (2) Sets of Plans and Calculations
2. Two (2) Sets of Equipment Submittals (cut sheets, CSFM listings and product information)
3. Transmittal Letter with Name, Address, Phone, Fax, and License Number of Fire Alarm Contractor

CHK. N/A I. General Information- Working Plans

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Name of Owner and Occupant |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Location, Including Street Address |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Scope of Work. Is building fire sprinklered ? |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Floor Plan that Indicates the Use of All Rooms |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Locations of Alarm-initiating Devices |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Locations of Alarm Notification Appliances, Including Candela Ratings for Visible Alarm Devices |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Location of Fire Alarm Control Unit, Transponders and Notification Power Supplies |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Location of Annunciator(s) |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Location of Partitions and Fire/Smoke Walls (Include Fire Ratings of Walls) |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. "Point to Point" Diagram and Wire Legend |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Riser Diagram |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Make, Model, Type, Number, and Voltage of Storage Batteries |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Battery Calculations |
| <input type="checkbox"/> | <input type="checkbox"/> | 14. Voltage Drop Calculations |
| <input type="checkbox"/> | <input type="checkbox"/> | 15. Accurate Legend of Symbols for All Fire Alarm Devices Being Installed |
| <input type="checkbox"/> | <input type="checkbox"/> | 16. Elevation Detail of Manual Pull Stations |
| <input type="checkbox"/> | <input type="checkbox"/> | 17. Elevation Detail of Visual Alarm Signaling Devices |
| <input type="checkbox"/> | <input type="checkbox"/> | 18. Identification of Type of Wiring Used, Including Gauge and Wire Counts |
| <input type="checkbox"/> | <input type="checkbox"/> | 19. Design Numbers and Details of Through Penetration Fire Stop Systems |
| <input type="checkbox"/> | <input type="checkbox"/> | 20. Floor Plan Showing Room Identification and Use |
| <input type="checkbox"/> | <input type="checkbox"/> | 21. Details on Support and Anchorage of Any Fire Alarm Equipment Weighing Over 20 Pounds |
| <input type="checkbox"/> | <input type="checkbox"/> | 22. Sequence of Operation/ Events When Alarm System Is Activated |
| <input type="checkbox"/> | <input type="checkbox"/> | 23. Compass Direction With North Arrow and Clearly Marked Scale |
| <input type="checkbox"/> | <input type="checkbox"/> | 24. Location of Range Hood Fire Suppression System, if Applicable |
| <input type="checkbox"/> | <input type="checkbox"/> | 25. Location of Fire Sprinkler PIV, Flow, and Tamper Supervision, if Applicable |
| <input type="checkbox"/> | <input type="checkbox"/> | 26. Stamp and Signature of the Designer in Responsible Charge of the Project |
| <input type="checkbox"/> | <input type="checkbox"/> | 27. Location of Primary Power for Fire Alarm Panel. Breakers Shall Be Locked Open and Marked "Fire" |
| <input type="checkbox"/> | <input type="checkbox"/> | 28. Location and Type of Secondary Power Supply, if Applicable |
| <input type="checkbox"/> | <input type="checkbox"/> | 29. Show Style and Class for Both Initiating and Notification Loops/Circuits |
| <input type="checkbox"/> | <input type="checkbox"/> | 30. Elevator Area and Fire Smoke Damper Detection |
| <input type="checkbox"/> | <input type="checkbox"/> | 31. General Notes |
| <input type="checkbox"/> | <input type="checkbox"/> | 32. Indicate Edition of NFPA 72. Current Edition is NFPA 72, 2010. |
| <input type="checkbox"/> | <input type="checkbox"/> | 33. Reference CBC Amendments to NFPA 72 in CBC Chapter 35 |
| <input type="checkbox"/> | <input type="checkbox"/> | 34. Reference OSHPD Policy Intent and Code Application Notices |

CHK. N/A II. Equipment Submittals

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|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. California State Fire Marshal Listing Sheets Showing Expiration Date for All Components |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Manufacturers Specification Sheet on All Fire Alarm Equipment |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Monitoring Company Information Including UL Listing Number and Certification |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Structural Calculations for Fire Alarm Control Panels Weighing Over 20 pounds |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Local Authority Fire Alarm Annunciation Approval Form, if Applicable |

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NOTE

Compliance with all items on this list does not necessarily assure compliance with all provisions of the applicable codes and standards. This check list should be used only by persons with a comprehensive knowledge of the applicable codes and standards.

OSHPD Policy Intent Notices and Code Application Notices.

<http://www.oshpd.ca.gov/FDD/Regulations/pinscans.html>

OSHPD Project Review Status

http://www.oshpd.ca.gov/FDD/Project_Tracking/index.asp

OSHPD Public Use Forms

<http://www.oshpd.ca.gov/FDD/Forms/index.html>