

2007 Plan Review - Fire Life Safety Reminder List

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

Submittal Requirements

1. At least one (1) set of plans or at least two (2) sets of plans if additions, structural alterations, or new buildings are included.
2. Indicate SB1953 SPC and NPC categories of building(s). Review Means of Egress for compliance with CBC Sec. 1003.1.1.

Applicable Codes and Standards

CBC 2007, CEC 2007, CMC 2007, CFC 2007

<u>CHK</u>	<u>N/A</u>	I. Architectural	
<input type="checkbox"/>	<input type="checkbox"/>	1. Type of construction	CBC Sec. 602.1
<input type="checkbox"/>	<input type="checkbox"/>	2. Occupancy classification(s)	CBC Sec. 302.1
<input type="checkbox"/>	<input type="checkbox"/>	3. Number of stories & basements. Include total height	CBC Sec. 503.1
<input type="checkbox"/>	<input type="checkbox"/>	4. Location on Lot & Frontage	CBC Sec. 506
<input type="checkbox"/>	<input type="checkbox"/>	5. Actual /Allowable Area & Allowable Area Modifications	CBC Sec. 506.1
<input type="checkbox"/>	<input type="checkbox"/>	6. Identify real & assumed property lines between buildings on the same lot.	CBC Sec. 503.1.2
<input type="checkbox"/>	<input type="checkbox"/>	7. Identify all Fire Wall locations, if applicable. Detail termination of walls.	CBC Sec. 503.1
<input type="checkbox"/>	<input type="checkbox"/>	8. Indicate fire resistance of exterior walls.	CBC Sec. 503.2
<input type="checkbox"/>	<input type="checkbox"/>	9. Identify projections from exterior walls.	CBC Sec. 704.2
<input type="checkbox"/>	<input type="checkbox"/>	10. Identify LOX system, fire pumps, temporary equipment, generators, above and below ground fuel tanks, etc. on site plan.	CBC Appendix Chap. 1 Sec. 106.2
<input type="checkbox"/>	<input type="checkbox"/>	11. Where Atria are provided, meeting to discuss rational analysis required.	CBC Sec. 404
<input type="checkbox"/>	<input type="checkbox"/>	12. Identify locations of all stairs / ramps. Provide details.	CBC 1009 & 1010
<input type="checkbox"/>	<input type="checkbox"/>	13. Provide Site Access & Fire Protection Plan signed by the Local Fire Authority	CFC Sec. 503 & 508
<input type="checkbox"/>	<input type="checkbox"/>	14. Identify fire-resistive building elements. Detail construction and design.	CBC Sec. 602.1
<input type="checkbox"/>	<input type="checkbox"/>	15. Provide design and details of fire protection for structural members.	CBC Sec. 602.1
<input type="checkbox"/>	<input type="checkbox"/>	16. Identify and provide construction details of all fire-resistive walls and partitions. Provide wall legend.	CBC Sec. 602.1
<input type="checkbox"/>	<input type="checkbox"/>	17. Provide cross-sectional detail of the fire rated corridor design.	CBC Sec. 1017.1
<input type="checkbox"/>	<input type="checkbox"/>	18. Detail any building exterior wall perimeter (curtain wall) fire containment system. Provide listing numbers on plans.	CBC Sec. 704.13.1
<input type="checkbox"/>	<input type="checkbox"/>	19. Show locations of seismic joints and details of fire rated joints. Provide listing numbers on plans.	CBC Sec. 713.1
<input type="checkbox"/>	<input type="checkbox"/>	20. Provide a head of wall joint detail(s) for fire rated walls. Provide listing numbers on plans.	CBC Sec. 713.1
<input type="checkbox"/>	<input type="checkbox"/>	21. Provide details for Through Penetration fire-stopping for fire rated walls. Provide listing numbers.	CBC Sec. 712.3
<input type="checkbox"/>	<input type="checkbox"/>	22. Provide a section detail through the building and identify the roof and floor assemblies. Provide listing numbers	CBC Sec. 602.1
<input type="checkbox"/>	<input type="checkbox"/>	23. Provide details, dimensions and area of each smoke compartment. Provide refuge area calculations for adjacent compartments.	CBC Sec. 407.4.1
<input type="checkbox"/>	<input type="checkbox"/>	24. Provide a demolition plan showing protection of exit path, fire alarm devices, and fire sprinklers during construction.	CFC Chap. 14
<input type="checkbox"/>	<input type="checkbox"/>	25. Provide details, dimensions and area of each "Suite".	CBC Sec. 1014.2.2
<input type="checkbox"/>	<input type="checkbox"/>	26. Show location of all exit stair enclosures, exit passageways, and the path of exit discharge to public way.	CBC Appendix Chap. 1 Sec. 106.2
<input type="checkbox"/>	<input type="checkbox"/>	27. Identify all fire rated exit access corridors.	CBC Sec. 1017
<input type="checkbox"/>	<input type="checkbox"/>	28. Show location of waiting rooms, alcoves, lobbies, nurse stations, and charting stations.	Title 19 Sec. 3.11(b)
<input type="checkbox"/>	<input type="checkbox"/>	29. Show accessible means of egress and identify each component used.	CBC Sec. 1007.1

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<input type="checkbox"/>	<input type="checkbox"/>	30. Specify roof coverings and show required class rating	CBC Sec. 1505.1
<input type="checkbox"/>	<input type="checkbox"/>	31. Show location of all vertical shafts and provide details of all shaft assemblies.	CBC Sec. 707.1
<input type="checkbox"/>	<input type="checkbox"/>	32. Provide flame spread information for interior finishes	CBC Sec. 803.5
<input type="checkbox"/>	<input type="checkbox"/>	33. Identify incidental use areas and separate them per Table 508.2.	CBC Sec. 508.2
<input type="checkbox"/>	<input type="checkbox"/>	34. Show projections, cornices, eave overhangs, exterior balconies.	CBC Sec. 704.2
<input type="checkbox"/>	<input type="checkbox"/>	35. Show locations and details of fire blocking and draft stops where applicable.	CBC Sec. 717.1
II. Mechanical			
<input type="checkbox"/>	<input type="checkbox"/>	1. Show location of all fire & fire/smoke dampers. Indicate method of operation.	CBC Sec. 716.1 & 716.3.1
<input type="checkbox"/>	<input type="checkbox"/>	2. Identify air handling equipment and show automatic shutdown if applicable	CMC 609
<input type="checkbox"/>	<input type="checkbox"/>	3. Show location and details of kitchen exhaust hoods. Provide information on the fire suppression system and compliance with U.L. 300.	CFC Sec. 609 & 904.2.1
III. Electrical			
<input type="checkbox"/>	<input type="checkbox"/>	1. Identify location and provide complete design details of emergency generator(s) systems	CEC Sec.
<input type="checkbox"/>	<input type="checkbox"/>	2. Provide complete design details of the fire alarm system. (See fire alarm checklist)	CFC Sec. 907.2.6.2

NOTE:

The purpose of this list is to reduce oversights and to achieve minimum levels of uniformity and completeness. The use of this reminder list does not constitute a complete plan review. Compliance with all items on this list does not necessarily assure compliance with all provisions of the applicable codes and standards. This reminder 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.state.ca.us/fdd/Regulation/index.htm>

OSHPD Project Review Status

<http://www.oshpd.state.ca.us/logbook/search1.asp>

OSHPD Public Use Forms

<http://www.oshpd.state.ca.us/fdd/Resources/forms/index.htm>