

2010 Plan Review - Fire Life Safety Reminder List

Applicable Codes and Standards

CBC 2010, CEC 2010, CMC 2010, CFC 2010

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.

<u>CHK.</u>	<u>N/A</u>	I. Architectural	
<input type="checkbox"/>	<input type="checkbox"/>	1. Type of construction	CBC 602.1
<input type="checkbox"/>	<input type="checkbox"/>	2. Occupancy classification(s)	CBC 302.1
<input type="checkbox"/>	<input type="checkbox"/>	3. Number of stories & basements. Include total height	CBC 504.1
<input type="checkbox"/>	<input type="checkbox"/>	4. Location on Lot & Frontage	CBC 506
<input type="checkbox"/>	<input type="checkbox"/>	5. Actual /Allowable Area & Allowable Area Modifications	CBC 506.1
<input type="checkbox"/>	<input type="checkbox"/>	6. Identify real & assumed property lines between buildings on the same lot.	CBC 503.1.2
<input type="checkbox"/>	<input type="checkbox"/>	7. Identify all Fire Wall locations, if applicable. Detail termination of walls.	CBC 503.1
<input type="checkbox"/>	<input type="checkbox"/>	8. Indicate fire resistance of exterior walls.	CBC 602.1
<input type="checkbox"/>	<input type="checkbox"/>	9. Identify projections from exterior walls.	CBC 705.2
<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 107.2.5
<input type="checkbox"/>	<input type="checkbox"/>	11. Where Atria are provided, meeting to discuss rational analysis required.	CBC 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 503, 507
<input type="checkbox"/>	<input type="checkbox"/>	14. Identify fire-resistive building elements. Detail construction and design.	CBC 602.1
<input type="checkbox"/>	<input type="checkbox"/>	15. Provide design and details of fire protection for structural members.	CBC 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 703.2
<input type="checkbox"/>	<input type="checkbox"/>	17. Provide cross-sectional detail of the fire rated corridor design.	CBC 1018.1
<input type="checkbox"/>	<input type="checkbox"/>	18. Detail any building exterior wall perimeter (curtain wall) fire containment system. Provide listing numbers on plans.	CBC 714.4
<input type="checkbox"/>	<input type="checkbox"/>	19. Show locations of seismic joints and details of fire rated joints. Provide listing numbers on plans.	CBC 714.1
<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 714.1
<input type="checkbox"/>	<input type="checkbox"/>	21. Provide details for Through Penetration fire-stopping for fire rated walls. Provide listing numbers.	CBC 713.1
<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 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 407.4
<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 1411, 1414
<input type="checkbox"/>	<input type="checkbox"/>	25. Provide details, dimensions and area of each "Suite".	CBC 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 106.1.2
<input type="checkbox"/>	<input type="checkbox"/>	27. Identify all fire rated exit access corridors.	CBC 1018
<input type="checkbox"/>	<input type="checkbox"/>	28. Show location of waiting rooms, alcoves, lobbies, nurse stations, and charting stations.	CBC 407.2
<input type="checkbox"/>	<input type="checkbox"/>	29. Show accessible means of egress and identify each component used.	CBC 1007.1
<input type="checkbox"/>	<input type="checkbox"/>	30. Specify roof coverings and show required class rating	CBC 1505.1
<input type="checkbox"/>	<input type="checkbox"/>	31. Show location of all vertical shafts and provide details of all shaft assemblies.	CBC 708.1
<input type="checkbox"/>	<input type="checkbox"/>	32. Provide flame spread information for interior finishes	CBC 803.9
<input type="checkbox"/>	<input type="checkbox"/>	33. Identify incidental use areas and separate them per Table 508.2.5	CBC T508.2.5
<input type="checkbox"/>	<input type="checkbox"/>	34. Show projections, cornices, eave overhangs, exterior balconies.	CBC 705.2
<input type="checkbox"/>	<input type="checkbox"/>	35. Show locations and details of fire blocking and draft stops where applicable.	CBC 717.1

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<u>CHK.</u>	<u>N/A</u>	II. Mechanical	
<input type="checkbox"/>	<input type="checkbox"/>	1. Show location of all fire & fire/smoke dampers. Indicate method of operation.	CMC 716.1, 716.3.3
<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.	CMC 508, CFC 609, CFC 904.11
<input type="checkbox"/>	<input type="checkbox"/>	4. Provide design details for refrigeration machinery room and refrigeration machinery detection and alarms. (See Refrigeration checklist)	CFC 606, CMC 1101
<u>CHK.</u>	<u>N/A</u>	III. Electrical	
<input type="checkbox"/>	<input type="checkbox"/>	1. Identify location and provide complete design details of emergency generator(s) systems	CFC 604, CEC 517.25
<input type="checkbox"/>	<input type="checkbox"/>	2. Provide complete design details of the fire alarm system. (See fire alarm checklist)	CFC 907.2.6.2, CEC 760
<input type="checkbox"/>	<input type="checkbox"/>	3. The means of egress, including the exit discharge, shall be illuminated at all times the building space served by the means of egress is occupied.	CBC 1006.1
<input type="checkbox"/>	<input type="checkbox"/>		

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>