

2013 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

- | | | | |
|--------------------------|--------------------------|---|-----------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. At least at least two (2) sets of plans. | CAC, Sec. 7-113. (a) 2.C |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Indicate SB1953 SPC and NPC categories of building(s). Review Means of Egress for compliance with CBC Sec. 1003.1.1. | CBC, Sec. 3417A & Sec. 3424 |

Applicable Codes and Standards

CBC 2013, CEC 2013, CMC 2013, CFC 2013

CHK

N/A

I. Architectural

- | | | | |
|--------------------------|--------------------------|--|------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Indicate type(s) of construction. | CBC, Sec. 602.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Identify occupancy group(s). | CBC, Sec. 302.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Indicate number of stories & basements. Include total height. | CBC, Sec. 503.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Indicate location on lot & extent of frontage. | CBC, Sec. 506.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Actual & allowable area and allowable area modifications. | CBC, Sec. 506.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Identify real & imaginary 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. 602 |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Identify projections from exterior walls. | CBC, Sec. 705 |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Identify bulk oxygen system, fire pumps, temporary equipment, generators, above and below ground fuel tanks, etc. on site plan. | CBC, Sec. 107.2.5 |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Where atria smoke control is provided, meeting to discuss rational analysis required. | CBC, Sec. 404.5 |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Identify locations of all stairs and ramps. Provide details. | CBC, Secs. 1009 & 1010 |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Provide Site Access & Fire Protection Plan signed by the Local Fire Authority. | CFC, Sec. 501.1 & Sec. 501.3 |
| <input type="checkbox"/> | <input type="checkbox"/> | 14. Identify fire-resistance rated 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-resistance ratted barriers, walls and partitions. Provide wall legend. | CBC, Sec. 602.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 17. Provide cross-sectional detail of the fire-resistance rated corridor design. | CBC, Sec. 708 |
| <input type="checkbox"/> | <input type="checkbox"/> | 18. Detail any building exterior wall perimeter (curtain wall) fire containment system. Provide system design numbers on plans. | CBC, Sec. 715.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 19. Show locations of seismic joints and details of fire listed rated joints. Provide system design numbers on plans. | CBC, Sec. 715.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 20. Provide listed head of wall joint detail(s) for fire rated walls. Provide system design numbers on plans. | CBC, Sec. 715.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 21. Provide details for listed through-penetration fire-stopping for fire-resistance-rated walls and horizontal assemblies. Provide system design numbers. | CBC, Sec. 714.3 & Sec. 714.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 22. Provide a section detail through the building and identify the roof and floor assemblies. Provide design 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. 407.5 |
| <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, Chapter 33 |
| <input type="checkbox"/> | <input type="checkbox"/> | 25. Provide details, dimensions and area of each care suite. | CBC, Sec. 407.4.3 |
| <input type="checkbox"/> | <input type="checkbox"/> | 26. Show location of all interior exit stairways, interior exit ramps, exit passageways, and the path of exit discharge to the public way. | CBC, Sec. 107.2.3 |
| <input type="checkbox"/> | <input type="checkbox"/> | 27. Identify all fire rated exit access corridors. | CBC, Sec. 1018 |
| <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) |

CHK	N/A	I. Architectural (Continued)	
<input type="checkbox"/>	<input type="checkbox"/>	29. Show accessible means of egress and identify each component used.	CBC, Sec. 1007.1
<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. 713.1
<input type="checkbox"/>	<input type="checkbox"/>	32. Provide flame spread information for interior finishes.	CBC, Sec. 803.9
<input type="checkbox"/>	<input type="checkbox"/>	33. Identify incidental use areas and separate & protect them per Table 509.	CBC, Sec. 509.4
<input type="checkbox"/>	<input type="checkbox"/>	34. Show projections, cornices, eave overhangs, exterior balconies.	CBC, Sec. 705.2
<input type="checkbox"/>	<input type="checkbox"/>	35. Show locations and details of fire blocking and draft stops where applicable.	CBC, Sec. 718.1

CHK	N/A	II. Mechanical - Plumbing	
<input type="checkbox"/>	<input type="checkbox"/>	1. Show location of all fire & fire/smoke dampers. Indicate method of operation.	CBC Sec. 717.1 & Sec. 717.3
<input type="checkbox"/>	<input type="checkbox"/>	2. Identify air handling equipment and show automatic shutdown if applicable.	CMC, Sec. 608
<input type="checkbox"/>	<input type="checkbox"/>	3. Indicate location and provide details of kitchen exhaust hoods. Provide information on the fire suppression system and compliance with U.L. 300.	CFC, Sec. 609 & Sec. 904.2.1
<input type="checkbox"/>	<input type="checkbox"/>	4. Provide complete design details for refrigeration machine room(s) and refrigeration machine room detection and alarms. (See refrigeration reminder list)	CFC, Sec. 606 & CMC, Sec. 1101
<input type="checkbox"/>	<input type="checkbox"/>	5. Provide complete design details of the fire sprinkler and standpipe systems. (See fire sprinkler reminder list)	CFC, Sec. 903.2.6 & Sec. 905.3
<input type="checkbox"/>	<input type="checkbox"/>	6. Provide complete design details of underground fire service mains where applicable.	CFC, Sec. 507.2.1

CHK	N/A	III. Electrical	
<input type="checkbox"/>	<input type="checkbox"/>	1. Identify location and provide complete design details of emergency generator(s) systems.	CFC, Sec. 604.1
<input type="checkbox"/>	<input type="checkbox"/>	2. Provide complete design details of the fire alarm system. (See fire alarm system reminder list)	CFC, Sec. 907.2.6.2
<input type="checkbox"/>	<input type="checkbox"/>	3. Provide complete design details of the life safety branch of the emergency electrical system.	CEC, Sec. 517.32
<input type="checkbox"/>	<input type="checkbox"/>	4. Indicate the means of egress, including the exit discharge, is illuminated at all times the building served by the means of egress is occupied.	CBC, Sec. 1006.1

OSHPD Policy Intent Notices and Code Application Notices.
<http://www.oshpd.ca.gov/FDD/Regulations/CANs/index.html>
OSHPD Project Review Status
http://www.oshpd.ca.gov/FDD/project_status/index.asp
OSHPD Public Use Forms
<http://www.oshpd.ca.gov/FDD/Forms/index.html>