2019 Plan Review - Fire Life Safety Reminder List

Applicable Codes and Standards
CBC 2019, CEC 2019, CMC 2019, CFC 2019

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

I. Submittal Requirements

☐ ☐ 1. At least at least two (2) sets of plans or in an acceptable electronic format. CAC, Sec. 7-113. (a) 2.C
☐ ☐ 2. Indicate SB1953 SPC and NPC categories of building(s). Review Means of Egress for compliance with CBC Sec. 1003.1.1 and 1003.1.2.

II. Architectural

☐ ☐ 1. Indicate type(s) of construction. CBC, Sec. 602.1
☐ ☐ 2. Identify occupancy group(s). CBC, Sec. 302.1
☐ ☐ 3. Indicate number of stories & basements. Include total height. CBC, Sec. 503.1
☐ ☐ 4. Indicate location on lot & extent of frontage. CBC, Sec. 506.3
☐ ☐ 5. Actual & allowable area and allowable area modifications. CBC, Sec. 506.1 & 506.2
☐ ☐ 6. Identify real & imaginary property lines between buildings on the same lot. CBC, Sec. 503.1.2
☐ ☐ 7. Identify all fire wall locations. Detail extent & termination of walls. CBC, Sec. 706
☐ ☐ 8. Indicate fire resistance of exterior walls. CBC, Sec. 602
☐ ☐ 9. Identify projections from exterior walls. CBC, Sec. 705
☐ ☐ 10. Identify bulk oxygen system, fire pumps, temporary equipment, generators, above and below ground fuel tanks, etc. on site plan. CBC, Sec. 107.2.6
☐ ☐ 11. Where atria smoke control is provided, rational analysis required. CBC, Sec. 909.4
☐ ☐ 12. Identify locations of all stairs and ramps. Provide details. CBC, Secs. 1011 & 1012
☐ ☐ 13. Provide Site Access & Fire Protection Plan approved by the Local Fire Code Official. CFC, Sec. 501.1 & Sec. 501.3
☐ ☐ 14. Identify fire-resistance-rated building elements. Detail construction and design. CBC, Sec. 602.1
☐ ☐ 15. Provide design and details of fire protection for structural members. CBC, Sec. 602.1
☐ ☐ 16. Identify and provide construction details of all fire-resistance-rated barriers, walls and partitions. Provide wall legend. CBC, Sec. 602.1
☐ ☐ 17. Provide cross-sectional detail of the fire-resistance rated corridor design. CBC, Sec. 708
☐ ☐ 18. Detail any building exterior wall perimeter (curtain wall) fire containment system. Provide system design numbers on construction documents. CBC, Sec. 715.4
☐ ☐ 19. Show locations of seismic joints and details of fire listed rated joints. Provide system design numbers on construction documents. CBC, Sec. 715.1
☐ ☐ 20. Provide listed head of wall joint detail(s) for fire rated walls. Provide system design numbers on construction documents. CBC, Sec. 715.1
☐ ☐ 21. Provide details for listed through-penetration and membrane fire-stop systems for fire-resistance-rated walls, partitions and horizontal assemblies. Provide system design numbers on construction documents. CBC, Sec. 714.4.4.1 & 714.4.2
☐ ☐ 22. Provide a section detail through the building and identify the roof and floor assemblies. Provide design numbers for fire resistance-rated assemblies. CBC, Sec. 602.1
☐ ☐ 23. Provide details, dimensions and area of each smoke compartment. Provide refuge area calculations for adjacent compartments. CBC, Sec. 407.5 & 407.5.3
☐ ☐ 24. Provide a demolition plan showing protection of exit path, location of fire alarm devices and fire sprinkler protection during construction. CFC, Chapter 33
☐ ☐ 25. Provide details, dimensions and area of each care suite & non-patient care suite. CBC, Sec. 407.4.4.5, 407.4.4.6 & 407.4.5
☐ ☐ 26. Show location of all interior exit stairways, interior exit ramps, exit passageways, and the path of exit discharge to the public way or safe dispersal area. CBC, Sec. 107.2.3
☐ ☐ 27. Identify all fire rated exit access corridors. CBC, Sec. 1020
II. Architectural (Continued)

28. Show location of waiting areas, alcoves, lobbies, nurse stations, and charting stations.  
CBC 407.2 & Title 19, Sec. 3.11(b)

29. Show accessible means of egress and identify each component used.  
CBC, Sec. 1009.1

30. Specify roof coverings and show required class rating.  
CBC, Sec. 1505.1

31. Show location of all vertical shafts and provide details of all shaft assemblies.  
CBC, Sec. 713.1

32. Provide flame spread information for interior finishes.  
CBC, Sec. 803.13

33. Identify incidental use areas and separate & protect them per Table 509.  
CBC, Sec. 509.4

34. Show projections, cornices, eave overhangs, exterior balconies.  
CBC, Sec. 705.2

35. Show locations and details of fire blocking and draft stops where applicable.  
CBC, Sec. 718.1

III. Mechanical - Plumbing

1. Show location of all fire & fire/smoke dampers. Indicate method of operation.  
CBC Sec. 717.1 & 717.3

2. Identify air handling equipment and show automatic shutdown if applicable.  
CMC, Sec. 608.1

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. 607 & 904.2.2

4. Provide complete design details for refrigeration machine room(s) and refrigeration machine room detection and alarms. (See refrigeration reminder list)  
CFC, Sec. 605 & CMC, Sec. 1101

5. Provide complete design details of the fire sprinkler and standpipe systems. (See fire sprinkler reminder list)  
CFC, Sec. 903.2 & Sec. 905.3

6. Provide complete design details of underground fire service mains where applicable.  
CFC, Sec. 507.2.1

IV. Electrical

1. Identify location and provide complete design details of emergency generator(s) systems.  
CFC, Sec. 1203.1

2. Provide complete design details of the fire alarm system. (See fire alarm system reminder list)  
CFC, Sec. 907.1.1 & 907.1.2

3. Provide complete design details of the essential electrical system.  
CEC, Sec. 517.25

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. 1008.1

https://oshpd.ca.gov/construction-finance/codes-and-regulations/#cans-pins-faqs

OSHPD Project Review Status  
https://esp.oshpd.ca.gov/CitizenAccess/

OSHPD Public Use Forms  
https://oshpd.ca.gov/construction-finance/resources/forms-applications-reminder-lists/#ProjectForms