Supplemental Plan Check Corrections Sheet for Fire District 1 and Very High Fire Hazard Severity Zone (2011 LABC)

Plan Check / PCIS Application No.: _____

Job Address _____ **Date:** _____

P.C. Engineer: _____ **Phone:** _____
(E-mail: firstname.lastname@lacity.org)

For instruction and other information, read the master plan check list attached.

Obtain the following Information Bulletins, Affidavits or forms from our web site (www.ladbs.org)

9 Information Bulletin No. P/BC 2008-023 **9**

A. FIRE DISTRICT 1

1. Type (IV) (V) building is not permitted in Fire District No 1. (7204.1)

2. Type IIB construction shall have at least : (7204.2)
   - G 2 hour fire-resistive construction for exterior walls within 10 feet of and facing a property line.
   - G 1 hour fire-resistive construction for exterior walls within 30 feet of and facing a property line or as required by Table 601, whichever is higher.

3. Type II buildings shall have at least:
   - G Exterior Load bearing walls located within 30 feet of common property line or an assumed property line shall be of 2 hour fire-resistive. (7204.6)
   - G Exterior non-bearing walls located within 30 feet of a common property line or an assumed property line shall as required by Table 601, but not less than 1 hour. (7204.6)
   - G Exterior walls located more than 30 feet from common property line or an assumed property line shall comply with Table 601 requirements. (7204.6)

4. Provide 1-hour fire-resistance-rated construction in non-sprinklered building (7204.5), other than automobile parking structures and buildings surrounded on all sides by a permanently open space of 30 feet or more, for:
   - G Walls & supporting members
   - G Floors & supporting members
   - G Roof and supporting members

5. Openings shall be protected by a fire assembly having a 3/4 hour fire resistive rating when the exterior wall is within 10' of a fire separation distance. (7204.3)

6. Exterior plastic veneer is not permitted. (7204.11)
   - a. Architectural trims shall be of approved noncombustible materials or fire-treated wood. (7204.7)
   - b. Permanent canopies shall comply with Section (7204.8)

7. Every story or basement with a floor surface elevation more than 4 ft lower than the highest elevation of the floor landing or tread of any required exit from that story shall be sprinklered. (7203.5)

8. Loading platform shall be enclosed and shall be firestopped into areas not exceeding 2,500 square feet. (7203.6)

9. Loading platform over 48 inches above the ground shall be of noncombustible material. (7203.6)

10. Roofed platform shall be of noncombustible material. (7203.6)

11. Provide Class A or B roofing. (7204.4, 1505.1)

B. VERY HIGH FIRE HAZARD SEVERITY ZONE (VHFHSZ) (701A.3.2, 7201.2, 7207)

1. Based on City maps, this project is located within Very High Fire Hazard Severity Zone (VHFHSZ). It shall Comply with requirements of Materials, systems & construction methods of Chapter 7A and Chapter 72. Add the following material specifications and/or notes/ details to plans:

a. Class A roof covering is required for all buildings. Wood shakes and shingles are not permitted. (7207.4, 1505)
b. Valley flashings shall be not less than 0.019-inch (0.48 mm) (No. 26 galvanized sheet gage) corrosion-resistant metal installed over a minimum 36-inch-wide (914mm) underlayment consisting of one layer of No. 72 ASTM cap sheet running the full length of the valley (704A.1.3)
c. Roof gutters shall be provided with the means to prevent the accumulation of leaves and debris in the gutter (704A.1.5)
d. (Roof) (Attic)(Exterior wall) vents shall resist the intrusion of flame and embers into the attic area of the structure, or shall be protected by corrosion-resistant, noncombustible wire mesh with 1/4 –inch (6 mm) openings or its equivalent. Vents shall not be installed in eaves and cornices (704A.2.1, 704A3.2.1, 704A.2.2, 7207.3)
e. Eaves and soffits shall meet the requirements of SFM 12-7A-3 or shall be protected by ignition-resistant materials or noncombustible construction on the exposed underside (704A.2.3)
f. Exterior walls shall be approved noncombustible or ignition-resistant material, heavy timber, or log wall construction or shall provide protection from the intrusion of flames and embers in accordance with standard SFM 12-7A-1 (704A.3.1)
g. Exterior wall coverings shall extend from the top of foundation to the roof, and terminate at 2-inch (50.8 mm) nominal solid wood blocking between rafters at all roof overhangs, or in the case of enclosed eaves, terminate at the enclosure (704A.3.2)
h. Exterior windows, window walls, glaze doors, and glazed openings within exterior doors shall be insulating- glass units with a minimum of one tempered pane, or glass block units, or have a fire- resistance rating of not less than 20 minutes, when tested according to ASTM E 2010, or conform to the performance requirements of SFM 12-7A-2 (704A.3.2.2)
i. Exterior door assemblies shall conform to the performance requirements of standard SFM 12-7A-1 or shall be approved noncombustible construction, or solid core wood having stiles and rails not less than 1 3/8 inches thick with interior field panel thickness no less than 1 ¼ inches thick, or shall have a fire-resistance rating of not less than 20 minutes when tested according to ASTM E 2074. (Exception: Noncombustible or exterior fire-retardant treated wood vehicle access doors) (704A.3.2.3)
j. Decking, surfaces, stair treads, risers, and landings of decks, porches, and balconies where any portion of such surface is within 10 feet (3048 mm) of the primary structure shall be constructed of heavy timber, non combustible or other approved materials per Sec.704A.4.1
k. The underside of cantilevered and overhanging appendages and floor projections shall maintain the ignition- resistant integrity of exterior walls, or the projection shall be enclosed to the grade (704A.4.2.1)
l. Buildings shall have all underfloor areas completely enclosed to the grade with construction as required for exterior walls (704A.4.2.2, 7207.1)
m. All utilities, pipes, furnances, water heaters or other mechanical devices located in an exposed under-floor area of a residential building shall be enclosed with materials as required for 1-hour fire-resistive construction.(7207.2)
n. The space between the roof covering and roof decking shall be constructed to prevent the intrusion of flames and embers and be fire stopped per 704A.1.2.
o. No trellis is permitted within 10 feet of the primary structure.
p. Trellis more than 10 feet from the primary structure shall be constructed of heavy timber or non combustible materials. Minimum of 4 inches spacing is required between the members. (Information Bulletin No. P/BC 2008-023).

Note: Visit http://osfm.fire.ca.gov/strucfireengineer/pdf/bml/wuiproducts.pdf for the list of products that meet SFM 12-7A-3 and SFM 12-7A-1 for eaves and exterior walls of projects in VHFHSZ.

ADDITIONAL CORRECTIONS	Code Sec. No.

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