Public Works
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Exterior Freestanding Concrete/Masonry Fireplace and Fire Pit Installations

Exterior freestanding concrete/masonry fireplace and fire pit installations must comply with the 2010 CBC, 2010 CPC, 2010 CMC, 2010 CFC, 2010 CRC and the manufacturer's listed installation instructions.

General Information:

- Provide two copies of a plot plan indicating the location of the exterior freestanding concrete/ masonry fireplace and/or fire pit installation. Specify all setback distances in relation to existing structures and property lines.

For Gas Appliances:

- Complete a new gas piping schematic, indicate the diameter of all pipe sizes, length of runs, appliance BTU demands and identify new and existing appliances.
- Where the installation of gas piping underground beneath buildings is unavoidable, the piping shall be encased in an approved conduit and properly vented to the outside **(Section 1211.1.6) 2010 CPC**
- All gas outlets shall be controlled by an approved operating valve located adjacent to the appliance but not more than six (6) feet from such outlets **(Sec 1212.5)2010 CPC**. When piping on the discharge side of any such control valve is standard weight brass or galvanized steel, such piping may be embedded in or surrounded by not less than two (2) inches of concrete. Shut off valves shall be installed per the listing.

For Solid Fuel Burning:

- Indicate required spark arrestor **(Per Sec 2802) 2010 CBC**

Freestanding Concrete/Masonry Fireplace Installation:

- For freestanding concrete/masonry fireplace construction there is a minimum (3) foot clearance required from the flu/spark arrestor to existing structures and property lines.
- If over (7) feet in height, there is a minimum (5) foot setback from property line and (3) foot setback from existing structures.
- Contact the Planning Department staff member or Permit Technician if structure is over (10) feet in height or for specific zoning regulations regarding the height, setback and size of accessory structures.
- Engineering is required for construction of a freestanding concrete/masonry fireplace over (6) feet in height.

Fire Pit Installation:

- Equipment installed in pits or excavations shall not come in direct contact with the surrounding soil. The sides of the pit or excavation shall be held back a minimum of (12) inches from the equipment. When the depth exceeds (12) inches below adjoining grade, the walls of the pit or excavation shall be lined with concrete or masonry extending a minimum of (4) inches above adjoining grade having sufficient lateral- bearing capacity to resist collapse. The equipment shall be protected from flooding in an approved manner.