OFFICE OF THE FIRE MARSHAL
FINAL SUBDIVISION SUBMITTAL REQUIREMENTS

(Site Plan Only)

**Provide fire protection plan (separate sheet). Include all of the following:**

For all projects, fire protection water supplies shall be per IFC 508 and Appendices B & C. Details shall include required fire flow calculations, hydrant location and distribution, water distribution pipes size and location, underground fire service mains size and location, post indicator valves and fire department connections for automatic fire sprinklers, or standpipes.

For new developments, hydrants shall not be placed in cul-de-sacs.
Existing hydrants will not be considered unless shown on plan.
Dead end lines can affect drinking water quality and must be avoided.
Hydrants required by Water Resources at the end of lines are for flushing. These hydrants are generally not in approved locations for use by the Fire Department.
Fire Department Connection (FDC) location shall be approved. FDC is generally located on the street side of the building.

Hydrants must be inspected, tested and approved prior to commencing combustible construction. Testing is to be completed by the contractor and verified by the Fire Marshal. Test data shall include a static pressure value, a residual pressure value and a flow (Pitot) pressure.

For all projects, fire Department access shall be per IFC 503 and Appendix D. Show proposed fire lanes crosshatched on plan. Details shall include provisions for signage, dimensions and weight bearing capacity. When fire apparatus access roads or a water supply for fire protection is required to be installed, such protection shall be installed and made serviceable prior to and during the time of construction except when approved alternative methods of protection are provided. Temporary street signs shall be installed at each street intersection when construction of new roadways allows passage by vehicles.

- Fire Department access roads shall be a minimum of 20’ in width.
- Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus.
- FD access roads surface shall be concrete, asphalt or other approved material that will provide all-weather driving capabilities.
- Gates across FD access roads shall be approved.

Notes on Fire Protection Plan describing proposed fire protection features are sufficient for project plan approval. Construction documents for proposed fire apparatus access, location of fire lanes and hydraulic calculations for fire hydrant systems shall be submitted to the Fire Marshal for review and approval prior to construction.

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