

Golder Ranch Fire District and Town of Oro Valley

Commercial Construction Projects:

The following notes shall be printed on all Water Development plans:

### **FIRE CODE GENERAL NOTES**

1. The fire flow provided for this project is \_\_\_\_\_ GPM for a \_\_\_\_\_ hour duration.
2. \_\_\_\_\_ hydrants are provided in this project.
3. Fire hydrants connected to an approved water supply of 1,500gpm for fire protection, shall be installed and in service prior to combustible material delivery to the site. Temporary construction office trailers are considered combustible materials.
4. Approved automatic sprinkler systems in new buildings and structures shall be provided throughout all Group A, B, E, F, H, I, M, R, and S occupancies for every facility, building or portion of a building hereafter constructed within or moved into the jurisdiction. Water supplies for automatic sprinkler systems shall comply with the International Fire Code. Fire Line connections shall be indicated on the water plan. The potable water supply shall be protected against backflow in accordance with the requirements of the International Fire Code and the International Plumbing Code. Backflow prevention devices shall be listed for fire protection service. Backflow prevention devices for automatic sprinkler systems may be installed external to the building or internally as a portion of the automatic sprinkler system riser. Exterior backflow prevention device shutoff valves shall be locked in the open position. All backflow prevention valves shall be electrically supervised by a tamper switch installed in accordance with NFPA 72 and annunciated by the sprinkler system monitoring control panel.
5. Blue reflective street markers shall be installed at each hydrant location.
6. The center of the large diameter hose outlet shall be not less than 18 in. above final grade.
7. A 3-foot clear space shall be maintained around the circumference of all fire hydrants.
8. Where fire hydrants are subject to impact by a motor vehicle, guard posts or other approved means shall be provided.
9. All out of service hydrants shall be clearly marked or tagged as out of service. While the water lines are undergoing bacteriological cleansing and testing, the hydrants shall be marked as out of service. Out of service marking and tags shall remain until the hydrant has been inspected by the developer, approved by the Water utility, and is in service. The Water Utility will notify the Fire Marshal when the hydrants are in service and available for fire flow testing.

***{Note #1 and #2 shall be completed}***

***{Note #2 refers to the number of hydrants provided in this project}***