



OFFICE OF THE STATE FIRE MARSHAL



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UNDERGROUND FIRE LINES/ MAINS/ HYDRANTS ON PRIVATE PROPERTY

The Arizona State Fire Code requires the submittal of plans for new construction, remodeling, alterations and additions to State and County Buildings, public schools, charter schools, and private schools. Construction of ALL occupancy types, except residential dwellings of less than 5 units, located in areas without a locally adopted Fire Code, must be reviewed for compliance with the State Fire Code by the Office of the State Fire Marshal.

Pursuant to A.R.S. §§ 34-461D and 34-462, State owned buildings and Community College buildings must comply with the locally adopted Fire Prevention codes which supplement or are more stringent than the State Fire Code. State owned and Community College buildings may be subject to the dual review of the State Fire Marshal and the local jurisdiction with regard to fire safety issues. Other public buildings may be subjected to a dual review as well.

When a local jurisdiction has an agreement with the Office of the State Fire Marshal plans are only submitted to the local jurisdiction.

NOTE:

Plan submittals to the State Fire Marshal must include a minimum of two sets of plans with all required information.

NO construction shall commence until project plans have been reviewed, approved, and a State permit issued. Construction without a permit shall receive a Red Tag/immediate Stop Work Order. A Stop Work Order will not be lifted until a Permit is issued and the contractor pays a Re-inspection fee.

SUBMITTAL GUIDELINES

NOTE: A temporary fire line must meet all system fire flow requirements. Temporary fire line approval is limited to a period not to exceed 90 days without extension.

The submittal **shall include, at a minimum** the following:

1. Name and complete address of facility.
2. If applicable, the name and address of the water provider for the project.
3. Name and address of installing contractor, Class of License, and license number.
4. Scaled Civil Engineering drawings of site.
5. Size and location of all water mains serving site.
6. Type, size, and location of all systems valves.
7. Size and location of all fire hydrants, and shut-off valves, on and off site.
8. Type of all fire protection systems connected to water supply system.

9. Location of Fire Department Connection, including connectors and type of threads.
10. Location and type of each control valve between the private main and street supply.
11. Type and location of any Post Indicator Valves on system, including distance from building.
12. Type of pipe, (Ductile Iron, asbestos Cement, P.V.C. etc.), used in system.
13. Depth of buried pipe.

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14. The location and type of corner reinforcement for each change of pipe direction. (Thrust block, Mega-lug etc)
15. Distance from fire lane to F.D.C. connection and closest hydrant.
16. The calculation of fire flow required for site per IFC 2003 Appendix B.
17. Provide type and specifications of Backflow prevention devices.
18. Payment, cash or check to “Department Fire Building Life Safety” for the estimated Permit fee amount.

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