



ALPINE FIRE PROTECTION DISTRICT

FIRE PREVENTION POLICY MANUAL

REVISED

10/2013

STANDARD


FIRE CHIEF APPROVAL

3-31-2014

EFFECTIVE DATE

13D-13

DETACHED GARAGE: A separate riser and bell system is required for this type of building. It shall have the coverage and density requirements as though it were attached to a home. If garage has exposed piping with no drywall on ceiling, copper or steel piping shall be used.

PIPING: Minimum dimension piping – A minimum of ¾” pipe is required for all systems utilizing CPVC piping.

All glues and adhesives shall be compatible with the pipe manufacturer’s requirements.

HYDROSTATIC TEST: All pipe installations shall be hydrostatically tested before drywall installation at 200 psi for 2 hours.

WATER SUPPLY: Meter: The meter supplying the system must be capable of providing sufficient flow for the designed flow of the fire system and all other demands attached. This would include domestic and irrigation use. Contact the individual water provider to become aware of specific requirements they may have.

In common water supply connections, 5 g.p.m. shall be added for domestic water.

WATER STORAGE TANKS: A minimum of 5,000 gallon water storage tank shall be installed up to 1500 sq. ft. of dwelling unit. Over 1500 sq. ft. will require 10,000 gallons. (see handout)

RESIDENTIAL SPRINKLER REQUIREMENTS