



CHINO VALLEY INDEPENDENT FIRE DISTRICT FIRE PROTECTION STANDARD

LOCATION AND SIZE OF WATER MAINS
STANDARD # 102 REVISED 12/30/1991 PAGES 1

WATER MAIN SIZE:

(a) Residential Areas

Water mains of not less than eight inch (8") interior diameter shall be installed as feeder lines. Laterals within and between streets may be six inches (6") if the system is looped or on a gridiron. Dead end mains shall not exceed three hundred feet (300"). In the event that a looped or gridiron system is not practical, eight inch (8") mains must be installed.

(b) Multiple Residential Areas

Water mains of not less than eight inches (8") interior diameter shall be installed and the same must be on a looped or gridiron system. Dead end mains shall not exceed three hundred feet (300").

(c) Commercial-Industrial

Minimum main size shall be eight inches (8"). Hydrant laterals not exceeding thirty feet (30") may be six inches (6").

Buildings over 100,000 square feet shall have a minimum of two connections to the public main. Connection size and main size shall be determined by the required fire flow.

For specific requirements for underground water system see N.F.P.A. Standard 20 and Standard 103.