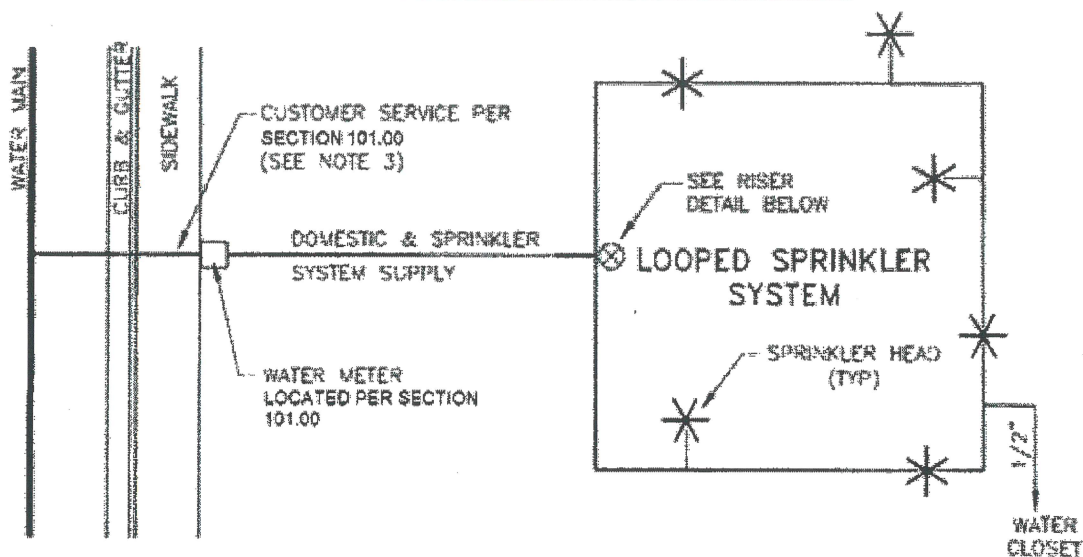


SECTION 122.31

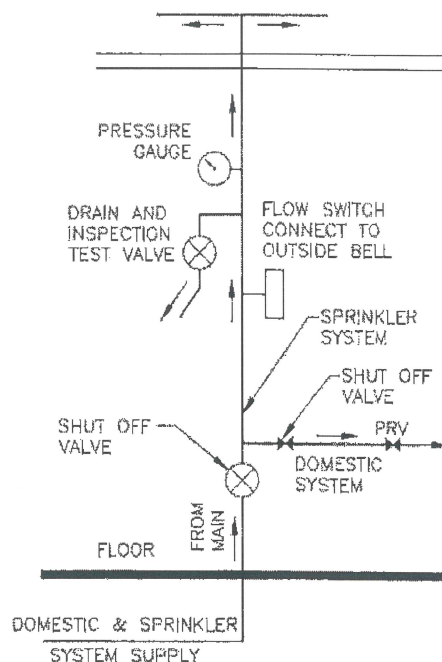
RESIDENTIAL FIRE SERVICE



RESIDENTIAL FIRE SPRINKLER CONNECTION

NOTES:

1. All construction shall be in accordance with the District's Construction Standards (CCSDCS). The Standard Specifications for Public Works Construction (Greenbook), and the National Fire Protection Association (NFPA) Section 13D. This detail is applicable to parcels developed within the City of Redding's jurisdiction. For parcels developed within the jurisdiction of Shasta County, Residential Fire Services shall adhere to the Shasta County Fire Authority.
2. Fire service piping and appurtenances shall be inspected within the right-of-way by the District's Inspector and on private property by the Fire Department Inspector.
3. A separate fire service shall be installed where the existing domestic service is smaller than the required residential fire flow (See Section 122.30).
4. Backflow devices will not be required for a looped system connected to a water closet.
5. The meter Capacity Charge and Base Rate shall be for the size of meter installed. Service connection charges shall be for a 3/4" meter, unless resident requires a larger domestic connection, then the greater connection charges shall apply.
6. An area of 12" wide on all sides of pipe trench shall be kept free of all vegetative obstructions.
7. All underground piping shall be per NFPA 13D or the materials listed on Section 100.00. All above ground piping shall be per NFPA 13D.
8. All above grade piping and valves shall be wrapped with adequate insulation or other means of protection to prevent freezing.



RISER DETAIL

9. All fire sprinkler underground pipe shall be wrapped with 2" wide detectable metalized warning tape or piped with fire sprinkler CPVC pipe.
10. All piping passing through a slab shall pass through a sleeve for the full thickness of the slab. The sleeve shall have an inside diameter of 1/2" larger than the outside diameter of the system pipe.