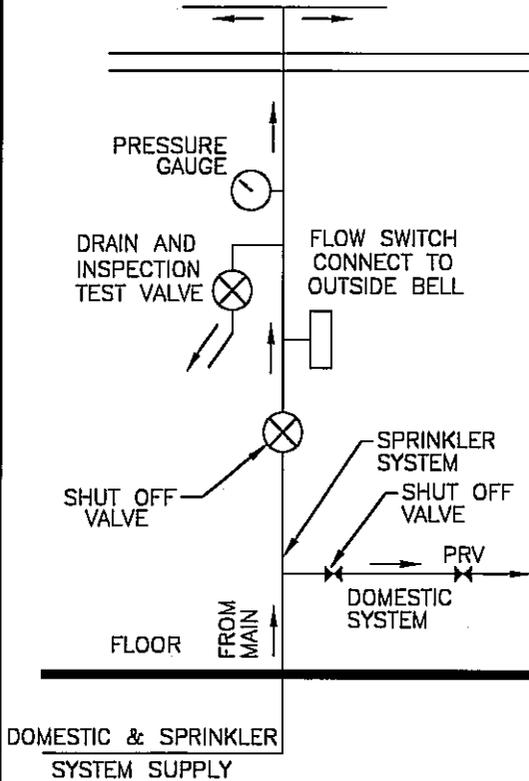


RESIDENTIAL FIRE SPRINKLER CONNECTION

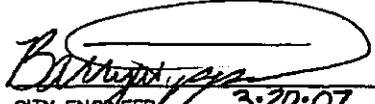
LOOPED SPRINKLER SYSTEM



NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF REDDING CONSTRUCTION STANDARDS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND NFPA 13D.
2. A SEPARATE FIRE SERVICE SHALL BE INSTALLED WHERE THE EXISTING DOMESTIC SERVICE IS SMALLER THAN THE REQUIRED RESIDENTIAL FIRE FLOW.
3. BACK FLOW DEVICES WILL NOT BE REQUIRED FOR A LOOPED SYSTEM CONNECTED TO A WATER CLOSET.
4. METER CHARGE SHALL BE FOR THE SIZE OF METER INSTALLED. SERVICE CONNECTION CHARGES SHALL BE FOR A 5/8" SERVICE. UNLESS RESIDENT REQUIRES FULL 3/4" OR 1" DOMESTIC CONNECTION THEN FULL 3/4" OR 1" CONNECTION FEE SHALL APPLY.
5. ALL UNDERGROUND PIPING SHALL BE PER NFPA 13D OR THE MATERIALS LISTED ON PAGE 400.00. ALL ABOVE GROUND PIPING SHALL BE PER NFPA 13D.
6. AN AREA OF 12" WIDE ON ALL SIDES OF PIPE TRENCH SHALL BE KEPT FREE OF ALL VEGETATIVE OBSTRUCTIONS.
7. ALL ABOVE GRADE PIPING AND VALVES SHALL BE WRAPPED WITH ADEQUATE INSULATION OR OTHER MEANS OF PROTECTION TO PREVENT FREEZING.
8. ALL FIRE SPRINKLER UNDERGROUND PIPE SHALL BE WRAPPED WITH 2" WIDE DETECTABLE METALIZED WARNING TAPE OR PIPED WITH FIRE SPRINKLER CPVC PIPE.
9. 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.

RISER DETAIL

DWG DATE: 2-03		SCALE: NTS	CITY OF REDDING • TRANSPORTATION & ENGINEERING DEPARTMENT	
			APPROVED BY	RESIDENTIAL FIRE SERVICE
	4-06	NEW STD		
MARK	DATE	REVISION	CITY ENGINEER 3-20-07	