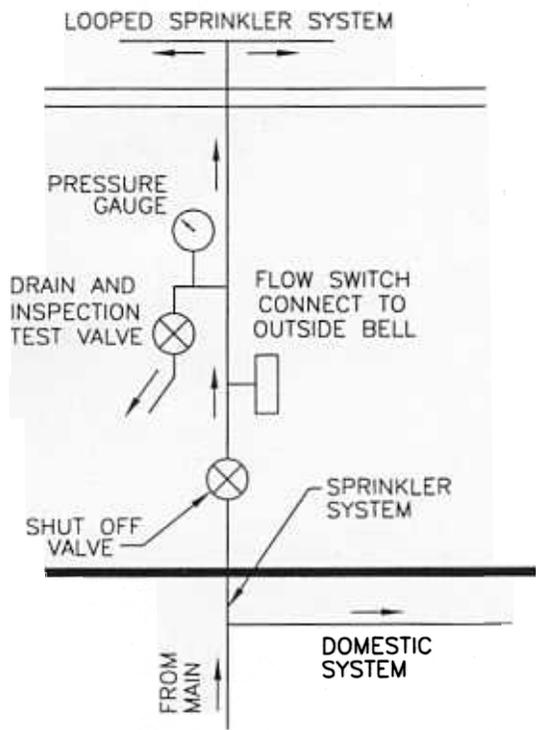


RESIDENTIAL FIRE SPRINKLER CONNECTION



RISER DETAIL

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. BACKFLOW 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. FOR PIPE REQUIREMENTS SEE MATERIALS LIST, ITEM 1, STANDARD PAGE 400.00, CPVC PIPE.
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. A 2" WIDE DETECTABLE METALIZED WARNING TAPE SHALL BE INSTALLED IN ALL FIRE SPRINKLER TRENCHES.
9. SHUT-OFF VALVES SHALL BE INSTALLED BEHIND THE INSTALLED WATER METER ON THE DOMESTIC SERVICE LINE AND THE FIRE SPRINKLER LINE.
CITY WILL SUPPLY THE FOLLOWING:
 (1) 8 1/2"x3/4" TAIL PIECE
 (1) 3/4"x3/4"x5/8" TEE
 (1) 3/4"x1/2" BUSHING
 (1) 1/2" BRASS STREET ELL
10. ALL PIPING PASSING THROUGH A SLAB SHALL PASS THROUGH A PVC SLEEVE FOR THE FULL THICKNESS OF THE SLAB. THE SLEEVE SHALL HAVE A INSIDE DIAMETER OF 1/2" LARGER THAN THE OUTSIDE DIAMETER OF THE SYSTEM PIPE.

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DWG DATE: 2-03	SCALE: NTS	CITY OF REDDING • DEVELOPMENT SERVICES • ENGINEERING DIVISION	
		APPROVED BY <i>Barry [Signature]</i> 4-6-04	RESIDENTIAL FIRE SERVICE
MARK	DATE	REVISION	CITY ENGINEER