



*RPDA = REDUCED PRESSURE DETECTOR ASSEMBLY

GENERAL NOTES

- * 1. BACKFLOW PREVENTER SHALL BE TESTED FOR PROPER OPERATION PER CITY OF ROCKY MOUNT REQUIREMENTS BY A CERTIFIED TESTER RECOGNIZED BY THE CITY, BEFORE A TEMPORARY CERTIFICATE OF OCCUPANCY IS ISSUED.
2. ADEQUATE CLEARANCE SHALL BE PROVIDED AROUND FIRE RISER. DIMENSIONS FROM FACE OF PIPE SHALL MEASURE A MINIMUM OF 12" OFF THE BACK WALL, 18" ON EACH SIDE AND 36" CLEAR IN FRONT WITH A FULL HEIGHT DOOR. THE FIRE LINE SHALL EXTEND A MAXIMUM OF 3' INTO THE BUILDING FROM INSIDE FACE OF WALL TO CENTER OF PIPE.
3. RISER SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS.
4. AT #1 & #4 TEST PORTS INSTALL A 1/2" BRASS NIPPLE, TEE & PLUGS W/ 1/2" x 1/4" MALE FLARED CONNECTION W/ CAP (INSTALL PRESSURE GAUGE ON TEE OUTLET)
5. HYDRAULIC DESIGN AND SUMMARY INFORMATION PER NFPA SHALL BE ATTACHED TO RISER.
6. SPARE HEAD BOX SHALL BE MOUNTED IN AREA.
7. ACCEPTABLE RPDA MODELS INCLUDE:
 - A) WILKINS 475 DAV, 4" TO 8"
 - B) WILKINS 475 DAMS, 4" TO 8"
 - C) CONBRACO (APPOLLO) RPDA24AN, 8"

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REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.

FIRE SPRINKLER RISER DETAIL WITH WALLMOUNT FD CONNECTION

REVISIONS		
NO	DATE	DESCRIPTION

CITY OF ROCKY MOUNT
DEPT. OF ENGINEERING

APPROVED
—
DATE
10-1-09

STD. NO.
5.25a
REVISION
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