



APPROVED FIRELINE ASSEMBLIES

AMES	5000ss (3"-6")
WILKINS	975ADA (2"-6")
CONBRACO	40-100-E3 (3")
(APOLLO)	40-10A-E3 (4")
	40-10C-E3 (6")
	40-10E-E3 (8")
	40-10G-E3 (10")
FEBCO	826YD (3"-10")
HERSEY	6CM
WATTS	909 RPDA (3"-10")

NOTE:

1. REDUCED PRESSURE PRINCIPLE ASSEMBLIES (RP) MUST CONFORM TO CITY OF KANNAPOLIS SPECIFICATIONS.
2. APPROVED RP INCLUDES SHUT OFF VALVES #1 AND #2 AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED.
3. FIRE LINE SERVICES SHALL HAVE OUTSIDE STEM AND YOKE (OS & Y) HAND WHEEL OPERATORS.
4. 8"- 10" RP SHALL BE SUPPORTED AT CENTER WITH BRICK PEDESTAL.
5. RESTRAINED JOINTS SHALL BE WITH MEGA LUG RESTRAINTS OR APPROVED EQUAL.
6. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY.
7. HOT BOX SHALL BE A 20 MIL. ORTHOTHALIC POLYESTER GELCOAT WITH ULTRA-VIOLET INHIBITORS. GELCOAT SHELL IS BACKED WITH 1/4" CHOP-STRAND POLYRESIN BONDED FIBERGLASS AND LINED WITH POLYURETHANE INSULATION (MIN. R FACTOR 8.5).
8. HEATED ENCLOSURES ARE REQUIRED FOR ALL FIRE LINE CONNECTIONS.



KANNAPOLIS
PUBLIC WORKS

BACKFLOW PREVENTION
3"-10" REDUCED PRESSURE DETECTOR
ASSEMBLY (RPDA)

DATE: 07 MAR 14

W-BF-02