

**NOTES:**

- 14. INSTALLATION, REPLACEMENT, OR RELOCATION OF BACKFLOW PREVENTION ASSEMBLIES SHALL ONLY BE DONE IN ACCORDANCE WITH VIRGINIA TITLE 54.1, CHAPTER 11, AND AS DEFINED IN THE BOARD FOR CONTRACTORS REGULATIONS AT <http://www.dpor.virginia.gov/Boards/Contractors/>
- 15. RPDA AND RPZ ASSEMBLIES WHICH MEET THE REQUIRED SPECIFICATIONS SHOULD BE CONFIRMED PRIOR TO ORDERING, BY REVIEWING THE LIST OF USC APPROVED ASSEMBLIES AT <http://fccchr.usc.edu/list.html> THOSE MARKED WITH PB: YES ARE 0.25% LEAD FREE; ALL OTHER NOTATIONS WITHIN THE LIST REGARDING A PARTICULAR MAKE AND MODEL ARE RELEVANT TO ITS USC APPROVAL.
- 16. RPDA'S AND RPZ'S SHALL BE INSTALLED ABOVE GROUND IN AN ASSE 1060 APPROVED HEATED ENCLOSURE.
- 17. SHUT OFF VALVES ARE TO BE SHIPPED FROM THE MANUFACTURER AS PART OF THE UNIT. NO SUBSTITUTIONS WILL BE PERMITTED. NO MODIFICATIONS OR ALTERATIONS OF ANY SORT SHALL BE MADE TO THE ASSEMBLY AS SHIPPED FROM THE MANUFACTURER.
- 18. THE LINE SHALL BE FLUSHED THOROUGHLY BEFORE INSTALLING THE RPDA TO PREVENT ANY DEBRIS FROM FOULING THE CHECK VALVES CAUSING THE UNIT TO FAIL THE TEST.
- 19. A STRAINER IS SUGGESTED BUT NOT MANDATORY.
- 20. NO BYPASS IS ALLOWED AROUND ANY RPDA OR RPZ ASSEMBLY. NO TAKEOFFS OR CROSS CONNECTIONS ARE ALLOWED IN FRONT OF ANY RPDA OR RPZ TO INCLUDE, BUT NOT BE LIMITED TO: PRESSURE REDUCING VALVES, ISOLATION OR EXTRA SHUT OFF VALVES, "BLOW DOWNS", DRAIN PORTS, HOSES, EXTRA PIPING. IF A PRESSURE REDUCING VALVE IS NEEDED, ITS USE SHALL BE REVIEWED IN ADVANCE WITH THE COMPLIANCE SPECIALIST.
- 21. ONLY PROPERLY SUPPORTED OUTDOOR GFIC ELECTRICAL RECEPTACLES SHALL BE USED IN THE ENCLOSURE SPECIFIED. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LAWS, ORDINANCES, AND REGULATIONS. RECEPTACLES SHALL NOT BE PLACED DIRECTLY BELOW THE RPZ. ELECTRICAL WORK SHALL BE INSPECTED BY THE CITY BUILDING OFFICIAL.



**THE CITY OF LYNCHBURG**

RPDA—FOR INDEPENDENT FIRE SERVICE  
OR PRIVATE HYDRANT INSTALLATION  
WITH DOMESTIC AND IRRIGATION SERVICES

USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

SCALE:  
**NOT TO SCALE**

DETAIL #  
**26.20B**

REVISION DATE:  
**12-15-2016**

SHEET #:  
**3 OF 3**

2/24/2017 - 9:49:48am