

## NOTES:

14. UPON COMPLETION OF INSTALLATION CONTRACTOR SHALL NOTIFY THE COMPLIANCE SPECIALIST AT 434-455-4261. AN INITIAL TEST SHALL BE PERFORMED BY A STATE CERTIFIED BACKFLOW PREVENTION DEVICE WORKER TO VERIFY THE ASSEMBLY IS FUNCTIONING CORRECTLY WITH A COPY OF A PASSING TEST SUBMITTED TO THE DEPARTMENT OF WATER RESOURCES. AFTER THE INITIAL TEST, THE PROPERTY OWNER IS RESPONSIBLE FOR THE TEST DUE EACH YEAR ON THE SAME MONTH AS THE INITIAL TEST. THIS TEST SHALL BE COMPLETED BY A CERTIFIED TESTER REGISTERED WITH THE DEPARTMENT OF WATER RESOURCES. A COPY OF A PASSING TEST SHALL BE SUBMITTED TO THE COMPLIANCE SPECIALIST. PHOTOGRAPHS OF THE INSTALLATION WHICH CLEARLY SHOW THAT ALL OF THE REQUIRED ALLOWANCES HAVE BEEN MET SHALL BE SUBMITTED TO THE COMPLIANCE SPECIALIST.
15. ALL RP\* INSTALLATIONS ARE PRIVATELY OWNED AND MAINTAINED. ALL PIPING ON PRIVATE PROPERTY, EXCLUDING ONLY THE RP\*, SHALL BE INSPECTED BY THE CITY BUILDING OFFICIAL.
16. REDUCED PRESSURE PRINCIPLE (RP) BACKFLOW PREVENTION ASSEMBLIES ARE REQUIRED ON DOMESTIC AND IRRIGATION SERVICES. REDUCED PRESSURE PRINCIPLE (RP\*) BACKFLOW PREVENTION ASSEMBLIES ARE REQUIRED ON FIRE CONNECTIONS.
17. RP'S\* SHALL BE LOCATED AS CLOSE TO THE PROPERTY LINE AND METER OR CONNECTION TO THE CITY MAIN AS POSSIBLE UNLESS A WAIVER IS SUBMITTED AND APPROVED IN ADVANCE BY THE DEPARTMENT OF WATER RESOURCES. IF A WAIVER IS GRANTED AND A RP\* IS INSTALLED INSIDE A BUILDING, VERTICAL INSTALLATION IS NOT ALLOWED. CALL 434-455-4261 TO OBTAIN INFORMATION ON THE REQUIRED DOCUMENTATION FOR THE WAIVER REQUEST.
18. A MINIMUM OF 2 FEET SHALL BE ALLOWED AT THE FRONT AND REAR OF EACH ASSEMBLY, WITH A MINIMUM OF 1 FOOT AT EACH END TO ALLOW SUFFICIENT SPACE FOR EASE IN TESTING AND MAINTENANCE. LANDSCAPING AND/OR OTHER SITE FEATURES SHALL NOT BE SUCH THAT THEY IMPACT THE REQUIRED ALLOWANCES FOR ANY RP\* FOR BACKFLOW NOW OR IN THE FUTURE.
19. CALCULATIONS TO REVIEW THE AMOUNT OF AVAILABLE WATER PRESSURE AT THE SITE PRIOR TO THE INSTALLATION OF ANY RP\* ASSEMBLY AND THE ESTIMATED EFFECT OF SAID INSTALLATION ARE STRONGLY RECOMMENDED.
20. NO BACKFLOW PREVENTION ASSEMBLY MAY BE REMOVED, RELOCATED, OR REPLACED WITHOUT PRIOR AUTHORIZATION FROM THE DEPARTMENT OF WATER RESOURCES.
21. ANY FIRE DEPARTMENT CONNECTION (FDC) SHALL BE LOCATED AS PER THE FIRE MARSHAL AND NFPA. ALL FDC'S MUST BE DOWNSTREAM OF THE RP\*.
22. 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/>
23. RP\* 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.
24. ALL PIPE AND FITTINGS USED INSIDE THE ENCLOSURE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND THE MOST CURRENT VERSION OF THE INTERNATIONAL PLUMBING CODE AS ADOPTED BY THE COMMONWEALTH OF VIRGINIA.
25. RP'S\* SHALL BE INSTALLED ABOVE GROUND IN AN ASSE 1060 APPROVED HEATED ENCLOSURE. IRRIGATION RP'S MAY BE INSTALLED ALONG WITH THE FIRE LINE RP\*, IN AN ASSE 1060 ENCLOSURE, AS LONG AS THEY ARE INSTALLED WITH THE ALLOWANCES WHICH ARE REQUIRED AROUND EACH ASSEMBLY. NO MODIFICATIONS OR ALTERATIONS OF ANY SORT SHALL BE MADE TO THE ASSEMBLY AS SHIPPED FROM THE MANUFACTURER.
26. SHUT OFF VALVES ARE TO BE SHIPPED FROM THE MANUFACTURER AS PART OF THE UNIT. NO SUBSTITUTIONS SHALL BE PERMITTED.
27. THE LINE SHALL BE FLUSHED THOROUGHLY BEFORE INSTALLING ANY RP\* TO PREVENT ANY DEBRIS FROM FOULING THE CHECK VALVES CAUSING THE UNIT TO FAIL THE TEST.
28. A STRAINER IS MANDATORY ON METERS 2" AND LARGER.

## THE CITY OF LYNCHBURG

COMPOUND METER VAULT W/SEPARATE FIRE  
LINE WITH RP\* AND IRRIGATION SERVICE

SCALE:  
NOT TO SCALE

DETAIL #  
**26.21**

REVISION DATE:  
4-2020

SHEET #:  
4 OF 5

USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

