

NOTES:

11. DEFORMED REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60. ALL REINFORCING BAR DIMENSIONS ON THIS DRAWING ARE TO CENTER OF BARS.
12. AS AN OPTION, THE FLOOR OF VAULT MAY BE POURED WITH 4" MIN. OF 3000 PSI CONCRETE WITH FLOOR DRAIN INSTALLED TO DAYLIGHT.
13. ONE ACCESS DOOR KEY SHALL BE SUBMITTED TO THE METER SUPERVISOR WITH THE DEPARTMENT OF WATER RESOURCES.
14. ALL DIMENSIONS SHALL BE VERIFIED BY CONTRACTOR.
15. 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.
16. THE RPDA INSTALLATION IS PRIVATE AND WILL NOT BE OWNED/MAINTAINED BY THE CITY OF LYNCHBURG.
17. RPDA'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 RPDA IS INSTALLED INSIDE A BUILDING, VERTICAL INSTALLATIONS ARE NOT ALLOWED.
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.
19. CALCULATIONS TO REVIEW THE AMOUNT OF AVAILABLE WATER PRESSURE AT THE SITE PRIOR TO THE INSTALLATION OF ANY RPZ OR RPDA ASSEMBLY AND THE ESTIMATED EFFECT OF SAID INSTALLATION ARE STRONGLY RECOMMENDED.
20. NO BACKFLOW PREVENTION ASSEMBLY SHALL 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 RPZ OR RPDA.
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. RPDA 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 .025% LEAD FREE; ALL OTHER NOTATIONS WITHIN THE LIST REGARDING A PARTICULAR MAKE AND MODEL ARE RELEVANT TO ITS USC APPROVAL.



THE CITY OF LYNCHBURG

TURBO METER VALVE WITH
FIRE LINE RPDA COMBINATION

USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

SCALE:
NOT TO SCALE

DETAIL #
26.20

REVISION DATE:
12-12-2014

SHEET #:
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