DOUBLE CHECK DETECTOR BACKFLOW PREVENTER
ASSEMBLY SUPPLIED WITH AMMONIA AND CHLORINE
RESISTANT SEATS AND SILICONE RUBBER SEALS. UL/FM
APPROVED FOR FIRE SERVICE INSTALLATION. INSTALLATION
AS REQUIRED BY COUNTY ORDINANCE AND AWWA M-14.
(SEE APPROVED BACKFLOW DEVICES, APPENDIX C)

FLANGED GATE VALVE
WITH RISING STEM AND
RESILENT SEAT (TYP)

VEHICULAR GUARD POST (TYP)

INSTALL INLINE GATE VALVE
AT PROPERTY LINE OR
RIGHT-OF-WAY LINE

CONCRETE FOUNDATION (TYP)
4' WIDE x 5' LONG, 6" THICK;
REINFORCED 6 x 6 10/10 WELDED
WIRE MESH

VALVE SETTER (SEE COUNTY APPROVED
PRODUCT LIST, APPENDIX F)

NOTES:
1. ALL ABOVE GROUND PIPE WILL HAVE FLANGED END DUCTILE IRON PIPE, PRESSURE CLASS 350. ALL NUTS AND BOLTS SHALL
BE STAINLESS STEEL.

2. (4) VEHICULAR GUARD POSTS TO BE INSTALLED AROUND ASSEMBLY. CONFIGURATION TO BE ILLUSTRATED ON CONSTRUCTION
DOCUMENTS SUBMITTED FOR REVIEW AND APPROVAL.

3. AS THIS UNIT WILL REQUIRE PERIODIC TESTING, FACILITIES REQUIRING CONTINUOUS WATER SERVICE MAY WISH TO INSTALL PARALLEL
UNITS TO PREVENT SERVICE INTERRUPTIONS.

4. ASSEMBLY WILL BE OWNED AND MAINTAINED BY PROPERTY OWNER, STARTING AFTER THE INLINE GATE VALVE AT THE PROPERTY LINE
OR RIGHT-OF-WAY LINE.

5. COUNTY WILL REQUIRE DEDICATION OF MATERIAL UP TO AND INCLUDING THE INLINE GATE VALVE FROM THE COUNTY'S WATER MAIN.

6. BACKFLOW DEVICE REQUIRES INITIAL CERTIFICATION BY AN APPROVED CERTIFIED TESTER WITH RESULTS AND ANNUAL TEST RESULTS
SUBMITTED TO THE COUNTY WATER DEPARTMENT.

7. ALL PLANTING SHALL BE A MINIMUM OF 1.5' FROM THE EDGE OF SLAB, AND SHALL PROVIDE A 3' ACCESS OPENING.

8. THIS ASSEMBLY SHALL BE PAINTED WITH RED EPOXY PAINT.

9. ALL COMPONENTS THAT COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NSF STANDARD 61.

10. A REDUCED PRESSURE DETECTOR BACKFLOW ASSEMBLY SHALL BE USED WHEN HIGH HAZARDS, AS DEFINED BY AWWA M-14 (e.g., RISK
OF CHEMICAL ADDITION, MEDICAL FACILITIES, INDUSTRIAL FACILITIES, PROPERTIES USING RECLAIMED WATER, ETC.), EXIST.

4" THROUGH 10" ONLY COMPACT FIRE SYSTEM
DETECTOR CHECK ASSEMBLY DETAIL

W-11A
REVISED: JULY 2011