



NOTES:

1. ALL BACKFLOW PREVENTERS SHALL BE FROM THE APPROVED LIST FROM THE FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH AT THE UNIVERSITY OF SOUTHERN CALIFORNIA. THEY SHALL BE TESTED BY THE DISTRICT PRIOR TO ACTIVATION.
2. BACKFLOW PREVENTER MUST BE CHAINED OPEN AND HAVE TAMPER SWITCHES INSTALLED FOR SPRINKLER SYSTEMS.
3. FIRE DEPARTMENT CONNECTION SHALL CONSIST OF TWO 2-1/2" FEMALE CONNECTIONS, UNLESS OTHERWISE SPECIFIED, WITH METAL COVER PLATES ONLY, AND MUST BE FM/UL APPROVED WITH STAMPED MARKINGS ON THE DEVICE.
4. ALL STEEL PIPE SHALL BE 1/4" WALL MINIMUM AS PER AWWA C-200; LINED AND COATED WITH FUSION BONDED EPOXY AS PER AWWA C-213, 20 MILS MINIMUM.
5. ALL STEEL FLANGES SHALL BE CLASS D AS PER AWWA C-207.
6. ALL DUCTILE IRON PIPE AND FITTINGS SHALL MEET AWWA C-110 & C-153, CLASS 150. THE INTERIOR SHALL BE MORTAR LINED AS PER AWWA C-104 AND EXTERIOR SHALL HAVE A COAL TAR COATING AS PER AWWA C-203.
7. ALL NUTS AND BOLTS BELOW GROUND SHALL BE POLYETHYLENE ENCASED AS PER AWWA C-105 OR TAPE WRAPPED AS PER AWWA C-209, 20 MILS MINIMUM IN BOTH CASES.
8. BACKFLOW PREVENTER ASSEMBLY SHALL BE PROPERLY PREPARED AND PAINTED WITH "VISTA GREEN" INDUSTRIAL EPOXY PAINT AFTER FINAL TESTING BY THE DISTRICT. FIELD APPLIED TOUCH-UP MAY BE REQUIRED AFTER INSTALLATION.
9. FIRE DEPARTMENT CONNECTION AND CHECK VALVE SHALL BE PROPERLY PREPARED AND PAINTED WITH "YELLOW" INDUSTRIAL EPOXY PAINT. FIELD APPLIED TOUCH-UP MAY BE REQUIRED AFTER INSTALLATION.
10. DOUBLE CHECK DETECTOR ASSEMBLY SHALL HAVE A FREEZE PROTECTION BLANKET PROVIDED AND INSTALLED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. BLANKET DESIGN DRAWINGS CAN BE OBTAINED FROM THE DISTRICT ENGINEER.
11. AT THE CONTRACTOR'S EXPENSE, THE DISTRICT MAY REQUIRE A PROTECTIVE ENCLOSURE WHICH MAY INCLUDE RIGID INSULATION.
12. METER FOR THE DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE SENSUS MODEL SR-EB II.



NOTE: CALL U.S.A.
AT LEAST 48 HOURS
PRIOR TO EXCAVATION
1-800-642-2444

REFER TO THE
STANDARD SPECIFICATIONS

DOUBLE CHECK DETECTOR ASSEMBLY INSTALLATION

APPROVED BY: 
DIRECTOR OF ENGINEERING

RCE #66517

7-18-12
DATE

DETAIL
W-20

REVISION
3
7-18-12