

MATERIAL NOTES

- 1 ALL PIPES AND FITTINGS SHALL BE DESIGNED FOR MORE THAN 175 P.S.I (COLD) WATER WORKING PRESSURE.
- 2 ALL BARE STEEL OR IRON SHALL BE COATED AND PROTECTED AS PER SPECIFICATIONS PRIOR TO PACING BACKFILL.
- 3 LOCATION OF REDUCED BACKFLOW DETECTOR ASSEMBLY (RPDA) DEVICE TO BE APPROVED BY LOCAL JURISDICTION PRIOR TO INSTALLATION.
- 4 EASEMENT TO BE GRANTED TO WMWD FOR METER READING PURPOSES.
- 5 REDUCED PRESSURE BACK FLOW PREVENTER ASSEMBLY WITH BYPASS METER APPROVED BY USC.
- 6 FACTORY INSTALLED BYPASS METER ASSEMBLY COMPRISING OF APPROVED METER AND REDUCED PRESSURE PRINCIPAL ASSEMBLY PER WMWD STANDARD SPECIFICATION METER TO BE USED FOR FIRE SYSTEMS ONLY. METER READS IN CUBIC FEET AND MODEL TO BE APPROVED BY WMWD.
- 7 ADJUSTABLE PIPE SUPPORT SECURED TO CONCRETE PAD FOR ASSEMBLIES 6-INCH DIAMETER AND LARGER PER W-1568.
- 8 MINIMUM 12-INCH TO MAX 36-INCH VERTICAL CLEARANCE MUST BE PROVIDED FROM BOTTOM OF RELIEF VALVE TO TOP OF CONCRETE PAD.
- 9 PIPELINE MATERIAL AFTER BACK FLOW DEVICE TO BE APPROVED BY LOCAL JURISDICTION.
- 10 RPDA RELIEF VALVE.

NOTES

1. SITE PLAN AND TYPE OF RPDA TO BE APPROVED BY WESTERN PRIOR TO INSTALLATION.
2. THE RPDA SHALL BE INSTALLED AS CLOSE AS PRACTICAL TO THE SERVICE CONNECTION WITH NO OUTLET CONNECTIONS OR TEE.
3. ALL WELDS TO BE FULL WELD, DOUBLE-PASS.
4. TRIPAK BLUE 2000 BOLTS REQUIRED ALL FLANGES BOLTED IN THE FIELD.
5. ALL DUCTILE IRON (DI) JOINTS SHALL BE RESTRAINED.
6. RETAINING WALLS MAY BE REQUESTED DEPENDING ON SLOPE OR LOCATION FRO PROTECTION PURPOSES.
7. FIRE SYSTEM USING ONSITE PUMP IS REQUIRED TO INSTALL BYPASS METERING LOOP AND INSERTION FLOW METER FOR EACH PUMP.
8. CUSTOMER SHALL SUPPLY AND INSTALL A USC APPROVED LEAD FREE COMPACT RPDA TO STATE REGULATIONS, APPLICABLE UNIFORM PLUMBING CODE AND SPECIFICATIONS OF WESTERN APPROVED MATERIAL LIST. SELECTED RPDA DEVICE NEEDS TO BE APPROVED BY WESTERN CROSS CONNECTION DEPARTMENT PRIOR TO INSTALLATION.
9. UPON INSTALLATION AND PRIOR TO WATER DELIVERY, THE RPDA SHALL BE INSPECTED, TESTED AND CERTIFIED BY A AWWA CERTIFIED BACK FLOW TESTER THAT IS LISTED ON THE WESTERN APPROVED BACK FLOW TESTER LIST. COMPLETED TEST REPORTS SHALL BE FORWARDED TO THE WESTERN CROSS CONNECTION CONTROL / BACK FLOW DEPARTMENT.

