



NOTES:

- 1) BACKFLOW ASSEMBLY MUST MEET DISTRICT SPECIFICATIONS, CALL BEFORE ORDERING.
- 2) ASSEMBLIES MUST BE INSTALLED ABOVE GRADE IN A HORIZONTAL POSITION. ASSEMBLIES PLACED OUTSIDE OF THE STRUCTURE SHALL BE INSTALLED BETWEEN THE WATER METER AND THE FOUNDATION OF THE STRUCTURE. ASSEMBLIES PLACED INSIDE THE STRUCTURE SHALL BE INSTALLED WITHIN TWENTY FOUR INCHES (24") OF WHERE THE SERVICE ENTERS THE STRUCTURE.
- 3) ENCLOSURE FOR OUTDOOR OR INDOOR PROTECTION OF THE ASSEMBLY IS ALLOWED, BUT MUST PROVIDE IMMEDIATE TOP ACCESS OF TWELVE INCHES (12") FOR TESTING AND MAINTENANCE
- 4) TEST COCKS ARE REQUIRED TO FACE AWAY FROM WALLS AND NEAREST STATIONARY OBJECT AND AT NO TIME BE LESS THAN TWENTY FOUR INCHES (24") CLEARANCE.
- 5) BYPASS METER SHALL BE 5/8" SENSUS IPERL TR/PL, REGISTERING IN 1 CF.
- 6) CONTRACTOR SHALL PROVIDE TWO INCH (2") HOLE CENTERED IN HOT BOX LID, PROVIDE AND INSTALL TR/PL READER MOUNT AND SENSUS MXU RADIO READ UNIT, 520M SINGLE PORT.
- 7) NO BRANCH PIPING SHALL BE CONNECTED TO THE SUPPLY PIPE BETWEEN THE DISTRICTS SUPPLY AND THE ASSEMBLY.
- 8) ALL MEASUREMENTS ARE FROM THE LOWEST OR WIDEST PART OF THE ASSEMBLY.
- 9) ALL ASSEMBLIES ARE SUSCEPTIBLE TO FREEZING AND SHALL BE ADEQUATELY FREEZE PROTECTED.
- 10) ADEQUATE DRAINAGE FROM THE ASSEMBLY MUST BE PROVIDED.
- 11) BACK FLOW ASSEMBLY MUST BE TESTED UPON INSTALLATION BY A DISTRICT APPROVED CERTIFIED TESTER.
- 12) WHEN INSTALLED INSIDE A STRUCTURE, THE WATER SERVICE SHALL BE PROTECTED WITH A SCH 40 PVC PIPE SLEEVE (TYPICALLY ONE SIZE LARGER THAN THE WATER SERVICE).
- 13) COMMERCIAL CONSTRUCTION ONLY, CONTRACTOR SHALL INSTALL SLURRY CAP OVER SERVICE LINE FROM POINT OF CONNECTION (START 24" AWAY FROM ANY FITTINGS) TO FOOTING OF BUILDING. SLURRY CAP SHALL BE A MINIMUM 4" THICK BY 18" WIDE THE ENTIRE LENGTH OF SERVICE LINE. CONTRACTOR SHALL PLACE A MINIMUM 6" OF CLEAN FILL OR SAND BETWEEN SERVICE LINE AND SLURRY.

REDUCED PRESSURE PRINCIPLE
DETECTOR ASSEMBLY 2 1/2" TO 10"

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NO SCALE

SHEET: S3-D1	FILE: STANDARDS	DRAWN: MAM	SCALE: NO SCALE	DATE: JAN 2017
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BACK FLOW PREVENTER DETAILS



SOUTH TAHOE PUBLIC UTILITY DISTRICT

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