1. WHEN LOCATED IN THE PUBLIC RIGHT OF WAY OR WHEN SUSCEPTIBLE TO BEING DAMAGED AND IF REQUIRED BY THE CROSS-CONNECTION CONTROL TEAM, CITY ENGINEER, OR BUILDING DEPARTMENT, A BACKFLOW ENCLOSURE SHALL BE INSTALLED, PER DETAIL Z-1.

2. THE BACKFLOW DEVICE SHALL BE INSTALLED AS CLOSE TO THE METER AS FEASIBLE. THE LOCATION SHALL BE APPROVED BY THE BUILDING DEPARTMENT AND CROSS-CONNECTION CONTROL TEAM. IF LOCATED IN A PUBLIC RIGHT-OF-WAY, THE LOCATION SHALL BE APPROVED BY THE CITY ENGINEER.

3. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER SHALL BE USED ON WATER SERVICE CONNECTIONS TO PARKS AND OPEN SPACES. A PRESSURE VACUUM BREAKER SHALL BE USED FOR CENTER MEDIAN ONLY.

4. THIS DETAIL SHALL BE USED FOR 2" AND SMALLER ONLY. LARGER DEVICES SHALL BE DESIGNED BY THE PROJECT AND SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL.

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION
REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE FOR IRRIGATION AND DOMESTIC SERVICES

DATE: 11/25/19