



(FOR SIZES 1" TO 2" BACKFLOWS UNITS SHALL BE WILKINS OR APPROVED EQUAL)

NOTE:
 PIPING BETWEEN BACKFLOW DEVICE AND METER SHALL BE EXPOSED FOR
 INSPECTION BY THE WATER DIVISION



**CITY OF GREENFIELD
 PUBLIC WORKS DEPARTMENT**
Royce A. Shee 1-9-20
 CITY ENGINEER DATE REVISED

**REDUCED PRESSURE
 BACKFLOW PREVENTER
 (SIZES 1" TO 2")**

**DRAWING
 NO.
 W-2**

LEGEND

1. FINISH GRADE
2. SERVICE SIZE GALVANIZED STEEL PIPE FROM WATER METER
3. REDUCED PRESSURE BACKFLOW PREVENTER EWILKINS (OR APPROVED EQUAL) FRO SIZE 1" TO 2" AND WILKINS (FOR APPROVED EQUAL) FOR SIZE 2 ½" TO 4"
4. ADJUSTABLE PIPE SADLE SUPPORT GALVINIZED STEEL, SUITABLE FOR SUPPORTING GENERAL PIPING 4" AND LARGER FROM FLOOR (12' MIN. 18 MAX. DISTANCE FROM BOTTOM OF DEVICE TO FLOOR).
5. MINIMUM 4" CONCRETE ENCLOSURE PAD, SIZE AS SHOEN ON THE PLAN
6. SERVICE SIZE GALVINIZED STEEL PIPE RISER WITH A MINIMUM OF TWO (23) UNION FOR THREADED CONNECTIONS
7. 90 DEGREE ELBOW, FLANNeg OR THREADED
8. CONCRETE THRUST BLOCK
9. WATER SERVICE BY OTHERS PER DTL. W-1

NOTES

1. GATE VALVES AND TEST COOKS ARE REQUIRED.
2. WATER SUPPLY- NO CONNECTIONS OR TEES WILL BE ALLOWED BETWEEN THE WATER METER AND BACKFLOW UNIT.
3. PROTECTION FROM FREEZE DAMAGE MAY BE REQUIRED IN EXPOSE AREAS
4. DEVICE MUST BE ACCESSABLE FOR TESTING ANF MAINTENACE
5. WRAP BUIRED GALVINIZED PIPE WITH 10 LM PVC TAPE
6. ASSEMBLY MUST BE TESTED BY A CERTIFIED TESTER, LICANCES WITH THE CITY OF GREENFIELD THE CITY APPROVED LIST CAN BE OBTAINED BY CALLING 831-674-2635
7. ASSEMBLY MUST BE LOCATED ABOVE GRAOUND AND DIRECTLY BEHIND WATER METER AS SHOEWN ON DTL W-2
8. ADDITIONAL INFORMATION MAY BE OBTAINED FROM GREENFIELD ORDINACE CHAPTER 13.40
9. ALL DEVICES MUST BE APPROVED BY THE "FOUNDATION FOR CROSS CONNECTION AND HYDRAULIC RESEARCH"



**CITY OF GREENFIELD
PUBLIC WORKS DEPARTMENT**

[Signature] 1-9-20
CITY ENGINEER DATE REVISED

**BACKFLOW PREVENTION
LEGEND & NOTES**

**DRAWING
NO.**

W-3