


ITEMS	¾" TO 2"Ø RPPBP	4" Ø RPPBP AND LARGER
BACKFLOW PREVENTER TYPE	(LEAD FREE) FEBCO WILKINS, AMES, WATTS	(LEAD FREE) FEBCO WILKINS, AMES, WATTS)
PIPES	BRASS OR TYPE "K" COPPER	DUCTILE IRON PIPE (DIP)
FITTINGS	THREADED	FLANGE TYPE
BACK FLOW ENCLOSURES	BFE - 200 L = 42", W=18", HT. = 30" OR APPROVED EQUAL	BFE - 62M L = 62", W=57", HT. =56" OR APPROVED EQUAL

NOTES:

- ALL BPD'S (BACKFLOW PREVENTION DEVICES) SHALL BE LEAD FREE (RPP) REDUCED PRESSURE PRINCIPLE ONLY. ENTIRE ASSEMBLIES INCLUDING BALL VALVES, TEST COCKS, AND BYPASS METERS SHALL BE PROVIDED AS A COMPLETE UNIT.
- NO CONNECTIONS OR TEES WILL BE ALLOWED BETWEEN WATER METER & REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER.
- ALL RPP'S SHALL CONFORM TO LATEST REVISIONS OF AWWA .
- DEVICE MUST BE ACCESSIBLE FOR TESTING & MAINTENANCE
- A CERTIFIED BACKFLOW PREVENTION ASSEMBLY GENERAL TESTER ACCREDITED BY CALIFORNIA - NEVADA AWWA SHALL INSPECT ALL BPD'S; A LIST OF CERTIFIED TESTERS WILL BE PROVIDED BY THE CITY OF HOLLISTER UTILITY DIVISIONS. THE BPD SHALL BE INSPECTED AND APPROVED BY THE TESTER PRIOR THE UTILITY DIVISIONS PROVIDING POTABLE WATER BEYOND THE METER. PROVIDE TEST REPORT EVERY YEAR AND FORWARD TO FIRE DEPARTMENT AND UTILITY DEPARTMENT.
- THRUST BLOCK SHALL BE CLASS 520-C-2500 PCC.
- CONCRETE PAD TO BE 520-C-2500 P.C.C. TOP OF PAD TO BE LEVEL AND SET 1" MINIMUM ABOVE EXISTING SOIL LEVEL.
- PAINT CAGE WITH 2 COATS OF RUSTOLEUM, MED. GREEN OR EQUAL.
- APPROVED MANUFACTURED CAGE DIMENSIONS 24" WIDEX36" HIGHx42" LONG. PROVIDE HINGE AS SHOWN WITH LATCH FOR PAD LOCK, (¾" Ø-2"Ø RPPBP).
- THE CAGE SHALL BE ¾" - #9 HEAVY EXPANDED FLAT METAL WELDED ANGLE FRAME TO 1 ½"x1 ½"x¾" ANGLE BAR.
- INSTALL ADJUSTABLE PIPE SADDLE SUPPORT FOR PIPE SIZE 3" Ø AND LARGER.
- A TEST OF THE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER BY A CERTIFIED INDIVIDUAL APPROVED BY CITY OF HOLLISTER IS REQUIRED ANNUALLY. FORWARD THE CERTIFIED TEST REPORT TO UTILITY DEPARTMENT.
- PROVIDE FREEZE PROTECTION TO RPP.

TITLE: REDUCE PRESSURE PRINCIPLE BACKFLOW PREVENTER NOTES			
DRAWN BY: STAFF	SCALE: NONE	APPROVED:	
REVIEWED BY: DANNY HILLSTOCK	REVISED: OCTOBER, 2019		
CITY OF HOLLISTER ENGINEERING DEPARTMENT		CITY ENGINEER: DANNY HILLSTOCK L.C. NO. 70647	STANDARD PLAN B-5-2 DATE: 11-5-19 SHEET 2 OF 2