



MATERIALS		
ITEM	QUAN.	DESCRIPTION
1	1	DOUBLE DETECTOR CHECK VALVE ASSEMBLY
2	2	OS&Y RESILIENT SEAT GATE VALVES
3	4	TEST COCKS W/ NO-LEAD BRASS PLUGS
4	2	RESTRAINED FLANGE ADAPTER, MEGALUG (OR EQUIV)
5		DUCTILE IRON PIPE, CUT TO FIT
6	2	MECHANICAL JOINT W/ MEGALUG (OR EQUIVALENT)
7	2	2" SCH. 40 GALV. PIPE STAND & BASE BOLTED TO FLANGE
8	1	FLANGED DUCTILE IRON BEND (ABOVE GROUND) / MJ DUCTILE IRON BEND (BELOW GROUND)
9	1	3/4 CUBIC FT. BYPASS METER W/ CHECK
10	4	C900 PVC PIPE OR DUCTLE IRON
11		TRACER WIRE

NOTES:

1. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
2. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTER; UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION, OTHER THAN BACKFLOW DEVICE TESTING.
3. IF ADDITIONAL SIAMESE CONNECTION IS REQUIRED FOR FIRE SERVICE SEE DETAIL W12.
4. RISER COMING THRU THE FLOOR SHALL BE 12 INCHES PLUS 3 TIMES THE DIAMETER OF THE PIPE AWAY FROM NEAREST WALL. ALL UNDERGROUND PIPING SHALL BE RESTRAINED JOINT. ALLOWANCES SHALL BE MADE FOR THE EXPANSION OF THE CONCRETE AROUND THE RISER.
5. PROTECT BOLTS AND THREADS FROM CONCRETE.

INDOOR DOUBLE DETECTOR CHECK VALVE FOR FIRE SYSTEM (3", 4", 6", 8", 10" & 12" SIZES)

STANDARD
CONSTRUCTION
DETAILS



SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER:
W21B