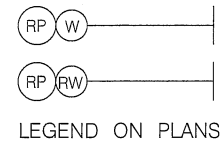


NOTES:

- 1) INSTALL WARNING/IDENTIFICATION TAPE PER SDM-105.
- 2) LOCATE BACKFLOW PREVENTION ASSEMBLY IN SUCH A MANNER THAT WILL ALLOW THE ASSEMBLY TO BE READILY ACCESSIBLE FOR INSPECTION AND REPAIR.
- 3) STRAINERS SHALL NOT BE INSTALLED PRIOR TO THE FIRST SHUT-OFF VALVE.
- 4) ALL ABOVE GROUND PIPING, UNIONS, ELBOWS, & NIPPLES SHALL BE SOLDERED COPPER OR THREADED BRASS.
- 5) INSTALL A CASING ENCASED IN CONCRETE WHEN THE DISTANCE BETWEEN THE METER BOX AND THE RISER TO THE ASSEMBLY EXCEEDS 18", REQUIRES APPROVAL.
- 6) INSTALL A PRESSURE REDUCING VALVE UPSTREAM OF THE FIRST 90 DEGREE ELL WHEN SYSTEM PRESSURE EXCEEDS 150 PSI.
- 7) TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH SPECIFICATIONS PRIOR TO ACCEPTANCE.
- 8) BACKFLOW PREVENTION ASSEMBLY & APPURTENANCES INSTALLED FOR THE USE OF RECYCLED WATER SHALL BE IDENTIFIED AS DESCRIBED IN SPECIFICATIONS.
- 9) LOCATION MUST BE APPROVED BY PUBLIC UTILITIES DEPARTMENT, CROSS CONNECTION CONTROL UNIT AND SHOWN ON THE PLANS.
- 10) ALL RISER ELBOWS AND UNDERGROUND PIPING SHALL BE TYPE (L) OR (M) COPPER, OR RED BRASS.



ITEM NO	SIZE AND DESCRIPTION	ITEM NO	SIZE AND DESCRIPTION
1	METER BOX & METER ASSEMBLY PER SDW-149 & SDW-150	8	BALL VALVE "SHUT-OFF"
2	SCHEDULE 80 PVC, RED BRASS OR COPPER PIPE	9	APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY SIZED TO MATCH METER
3	CONCRETE THRUST BLOCK PER SDW-151	10	ENCLOSURE SHALL BE INSTALLED LEVEL AND PLUMB (OPTIONAL).
4	90 DEGREE BRASS ELL SEE NOTES 4 & 6	11	UNIONS SEE NOTE 4
5	CONCRETE SLAB, MINIMUM 4" THICK x 18" WIDE	12	PRESSURE REDUCING VALVE SEE NOTES 4 & 6
6	BRASS OR COPPER PIPE SEE NOTE 4		
7	3" LONG NIPPLE SEE NOTE 4		

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL*	KA	J. NAGELVOORT	01/12		<b>BACKFLOW PREVENTER FOR 3/4" TO 2" METERED SERVICE</b>	<i>CA Dungan</i> 8/18/15
UPDATED	KA	J. NAGELVOORT	12/12			COORDINATOR
UPDATED	FG	J. NAGELVOORT	08/15			R.C.E. 56523
				DRAWING NUMBER		<b>SDW-155</b>