



ELEVATION

GENERAL NOTES:

- DIMENSIONS SHOWN ARE APPROXIMATE AND ARE BASED ON AN ASSUMED METER LENGTH OF 20'. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO CITY FOR REVIEW PRIOR TO CONSTRUCTION.
- R.W. VALVES IN METER ASSEMBLY TO BE LOCKED (BY CHAIN) IN TO OPEN POSITION. R.W. VALVE IN BYPASS TO BE LOCKED (BY CHAIN) IN THE CLOSED POSITION.
- ASSEMBLY MUST BE EASILY ACCESSIBLE TO FACILITATE TESTING AND SERVICING.
- PRIVATE WATER APPURTENANCES SUCH AS BACKFLOW PREVENTERS, FIRE HYDRANTS AND STANDPIPES, AND VALVES SHALL BE PAINTED AS FOLLOWS:
 - DOMESTIC WATER (BLUE)
 - POTABLE IRRIGATION (GREEN)
 - RECYCLED IRRIGATION (PURPLE)
 - FIRE PROTECTIONS (OSHA SAFETY RED)

LEGEND OF MATERIALS:

NO.	SIZE & DESCRIPTION	APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY OR APPROVED DOUBLE CHECK VALVE ASSEMBLY (FLG. x FLG.)
1	CONCRETE THRUST BLOCK	
2	6"-90° D.I. BEND (FLG. x FLG.)	
3	6" D.I. SPOOL (FLG. x FLG.)	
4	6" D.I. REDUCER (FLG. x FLG.)	
5	R.W. GATE VALVE WITH HANDWHEEL (NRS) (FLG. x FLG.)	
6	D.I. STRAINER (FLG. x FLG.)	
7	TURBO METER (FLG. x FLG.) U.L. LISTED AND FM APPROVED FOR FIRE SERVICE	
8	CONCRETE THRUST BLOCK	
9	90° ELL (FLG. x FLG.)	
10	D.I. SPOOL (FLG. x FLG.)	
11	D.I. TEE (FLG. x FLG.)	
12	CONCRETE PAD REINFORCED W/ W.W.F. 1.6 x 1.6	
13	ADJUSTABLE PIPE SUPPORTS	
14	PROTECTIVE POST PER CITY STD. 1407A	

APPROVED: DATE: 3/8/2016

Nami Soga

CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE	REVISION
3/1/16	R.R. NEW

RPP OR DCV APPROVED BACKFLOW ASSEMBLY (3" OR LARGER).

STD. PLAN NUMBER
1440