

ITEM NO	SIZE AND DESCRIPTION	ITEM NO	SIZE AND DESCRIPTION
①	CONCRETE THRUST BLOCK SEE SDW-151	⑬	RPDA SEE NOTE 3
②	WATER MAIN	⑭	CHAIN WITH KNOX LOCK SEE NOTE 3
③	GATE WELL WITH CAP SEE SDW-153	⑮	FLANGED TEE WITH "FDC" SEE NOTE 3
④	SIZE x SIZE MJ/FLG x FLG TEE	⑯	CONCRETE SLAB MINIMUM 4" THICK x 36" WIDE x AS REQUIRED
⑤	FLG x MJ/FLG RWGV	⑰	3/4" BYPASS, METER & RP DEVICE
⑥	FLG x MJ ADAPTER (IF REQUIRED)	⑱	PVC OR DI PIPE SEE NOTE 8
⑦	C-900 PVC PIPE	⑳	FLANGED ANGLE PRESSURE REDUCING VALVE SEE NOTE 6
⑧	MJ x FLG 90° BEND		
⑨	FLANGED DUCTILE IRON PIPE		
⑩	COLD JOINT STRIP		
⑪	FLANGED 90° BEND, SEE NOTE 6		
⑫	FLANGED OS&Y RWGV WITH HAND WHEEL		

SHEET 1 OF 2

REVISION	BY	APPROVED	DATE
ORIGINAL*	KA	J. NAGELVOORT	01/12
UPDATED	KA	J. NAGELVOORT	8/13

CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

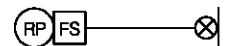
[Signature]
 COORDINATOR R.C.E. 56523 DATE 8/9/2013

4" AND LARGER FIRE SERVICE INSTALLATION

DRAWING NUMBER **SDW-105**

NOTES:

- 1) INSTALL WARNING / IDENTIFICATION TAPE
- 2) LOCATION OF FIRE SERVICES SHALL BE AS DIRECTED BY THE FIRE DEPARTMENT
FIRE SERVICES SHOULD BE LOCATED IN SUCH A MANNER THAT WILL ALLOW THE DEVICE TO BE READILY ACCESSIBLE FOR INSPECTION, REPAIR, AND USE
- 3) TAMPER SWITCH, AUTOMATIC RESET, CHAIN WITH KNOX LOCK, AND FIRE DEPARTMENT CONNECTION ("FDC") SHALL BE AS REQUIRED BY THE FIRE DEPARTMENT
- 4) BALL VALVE TEST COCKS SHALL BE PROVIDED AND LOCATED PER THE MANUFACTURES RECOMMENDATIONS AND CITY STANDARDS
- 5) INSTALL FIRE SERVICES SO THAT THE DISTANCE BETWEEN THE BOTTOM OF THE RELIEF DIAPHRAGM AND THE CONCRETE SLAB OR FINISH GRADE IS 12" MINIMUM AND 24" MAXIMUM
- 6) INSTALL A PRESSURE REDUCING VALVE UPSTREAM OF THE FIRST 90 BEND WHEN SYSTEM STATIC PRESSURE EXCEEDS 150 PSI OR WHEN RECOMMENDED BY THE BACKFLOW MANUFACTURER
- 7) INSTALL PIPE AND RELATED APPURTENANCES IN THIS AREA PER THE CITY REQUIREMENTS
- 8) INSTALL PIPE AND RELATED APPURTENANCES IN THIS AREA AS REQUIRED BY THE FIRE DEPARTMENT
- 9) ABOVE GROUND APPURTENANCES SHALL BE PAINTED AND IDENTIFIED AS CALLED FOR BY THE FIRE DEPARTMENT
- 10) TESTING SHALL BE CONDUCTED AS CALLED FOR IN THE SPECIFICATIONS PRIOR TO ACCEPTANCE
- 11) CONNECTIONS TO STEEL MAINS SHALL BE IN ACCORDANCE WITH SPECIFICATIONS
- 12) CITY RESPOSIBILITY ENDS AT EDGE OF PROPERTY LINE, RIGHT OF WAY, OR EASEMENT.



LEGEND ON PLANS

SHEET 2 OF 2

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		
UPDATED	KA	J. NAGELVOORT	8/13	4" AND LARGER FIRE SERVICE INSTALLATION	COORDINATOR R.C.E. 56523 DATE
					DRAWING NUMBER SDW-105