



SHEET 1 OF 2

ITEM NO	SIZE AND DESCRIPTION	ITEM NO	SIZE AND DESCRIPTION
①	CONCRETE THRUST BLOCK. SEE SDW-151	⑥	APPROVED RPDA
②	90° DUCTILE IRON FLANGE ELBOW	⑦	FLANGED OS&Y RWGV WITH HAND WHEEL
③	FLANGED DUCTILE IRON PIPE (PROPERLY SUPPORTED OR RESTRAINED)	⑧	BRASS OR COPPER PIPE (PROPERLY SUPPORTED OR RESTRAINED)
④	12" FLANGED DUCTILE IRON SPOOL	⑨	UNIONS
⑤	APPROVED BACKFLOW ASSEMBLY WITH FLEX COUPLER CONNECTORS FOR SEISMIC REQUIREMENTS	⑩	APPROVED RP (ALL Y-STRAINERS OR PRV TO BE INSTALLED DOWNSTREAM OF BACKFLOW ASSEMBLY)

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL	BB	J. NAGELVOORT	10/14		<i>CA Dungee</i>
UPDATED	FG	J. NAGELVOORT	07/15		COORDINATOR R.C.E. 56523 DATE
				BACKFLOW PREVENTERS WET UTILITY ROOM INSTALLATION	DRAWING NUMBER SDW-141

NOTES:

1. CITY WATER METERS INSTALLED WITHIN WET UTILITY ROOM (WUR), REFER TO SDW-157 FOR SEPARATION OF MAINTENANCE RESPONSIBILITIES.
2. THE WUR MUST BE APPROVED BY THE PUBLIC UTILITIES & DEVELOPMENT SERVICES DEPARTMENTS.
3. THE WUR APPLIES ONLY TO BUILDINGS BUILT AT THE PROPERTY LINE WITH ZERO SETBACK.
4. IN UTILIZING THE WUR OPTION, THE BUILDING OWNER AGREES TO REQUIREMENTS OF SDW-141.
5. PROVIDE ACCESS INTO THE WUR BY STORING KEYS WITHIN A KNOX KEY BOX.
6. WUR's MAY CONTAIN BACKFLOW PREVENTION EQUIPMENT OR CITY WATER METERS (EASEMENT REQUIRED).
7. THE WUR MUST BE DESIGNED AT STREET LEVEL, ADJACENT TO EXTERIOR WALL OF THE BUILDING, AND ALLOW ACCESS FROM STREET LEVEL THROUGH THIS EXTERIOR WALL.
8. ACCESS DOORS OR GATES MUST PROVIDE DRAINAGE FOR FULL DISCHARGES AWAY FROM THE BUILDING.
9. A CONCRETE FLOOR PLAN WITH FLOOR DRAINS MUST PROVIDE DRAINAGE FOR INTERMEDIATE DISCHARGES.
10. MOISTURE BARRIERS SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN THE WUR TO PREVENT DAMAGE.
11. PROVIDE ADEQUATE CLEARANCE AROUND THE EQUIPMENT TO ALLOW FOR TESTING AND MAINTENANCE.
12. THE WUR MUST BE FIRE RATED FOR ONE HOUR PER THE FIRE & RESCUE DEPARTMENT.
13. IDENTIFY THE TYPE OF EQUIPMENT CONTAINED WITHIN THE WUR WITH APPROPRAITE SIGNAGE.
14. TO PURCHASE A KEY BOX CONTACT THE KNOX COMPANY (800) 552-5669 AND PROVIDE THE PUBLIC UTILITIES DEPARTMENT, SYSTEM CODE: SS-01-0503-05-14.
15. KNOX KEY BOX TO BE INSTALLED ADJACENT TO THE WUR ENTRANCE WITHIN 4 - 6 FEET.
16. ONCE THE KNOX BOX IS INSTALLED, NOTIFY THE PUBLIC UTILITIES DEPARTMENT, CROSS CONNECTION CONTROL UNIT TO LOCK THE KEY BOX.

SHEET 2 OF 2

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