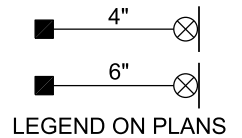


NOTES:

1. NO DIPS OR LOW SPOTS WILL BE ALLOWED IN PIPING INSTALLATION.
2. LOCATE ENCLOSURE **PER SDW-117**.
3. INSTALL WARNING/IDENTIFICATION TAPE **PER SDM-105**.
4. BREAK-AWAY BOLTS SHALL BE 5/8" x 3" WITH 3/8" HOLE DRILLED IN THE SHAFT OF THE BOLT. INSTALL WITH HEX HEAD ON TOP OF THE FLANGE.
5. AIR & VACUUM VALVES INSTALLED FOR THE USE OF POTABLE/ RECYCLED WATER SHALL BE IDENTIFIED AS DESCRIBED IN PLANS.
6. FOR STEEL AND DI MAINS, AIR RELEASE PIPE MATERIAL AND COATINGS SHALL BE OF THE SAME MATERIAL AS THE MAIN LINE.
7. BOND JOINTS **PER SDW-122**.
8. FOR PVC MAINS, DI PIPE SHALL BE COATED PER SPECIFICATIONS.



ITEM NO	SIZE AND DESCRIPTION	ITEM NO	SIZE AND DESCRIPTION
①	4" OR 6" AUTOMATIC COMBINATION AIR RELEASE & AIR/VACUUM VALVE ASSEMBLY	⑨	4" OR 6" FLG x MJ/PO 90 BEND
②	BREAK-AWAY BOLTS, SEE NOTE 4	⑩	4" OR 6" C-900 PVC PIPE
③	4" OR 6" FLANGED 8-BOLT DUCTILE IRON PIPE x REQ'D LENGTH (MAX OF 2 SPOOLS)	⑪	GATE WELL WITH CAP PER SDW-153
④	5/8" x 3" STAINLESS STEEL DROP-IN ANCHORS (3 EA @ 120 APART)	⑫	4" OR 6" FLG x MJ / FLG RWGV
⑤	VALVE ENCLOSURE	⑬	4" OR 6" FLANGE 90 BEND
⑥	42" x 42" x 6" THICK CONCRETE SLAB	⑭	SIZE x 4" OR 6" MJ / FLG x FLG TEE
⑦	COLD JOINT STRIP	⑮	WATER MAIN
⑧	CONCRETE THRUST/ANCHOR BLOCK	⑯	1/4" PRESSURE PETCOCK

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		4" & 6" AUTOMATIC COMBINATION AIR RELEASE & AIR/VACUUM VALVE INSTALLATIONS
UPDATED	KA	J. NAGELVOORT	12/12		
UPDATED	AR	J. NAGELVOORT	11/15		
UPDATED	HM	J. NAGELVOORT	02/16		
UPDATED	EF	J. NAGELVOORT	11/17		
REDRAFTED	CD	J. NAGELVOORT	09/18	DRAWING NUMBER SDW-160	