

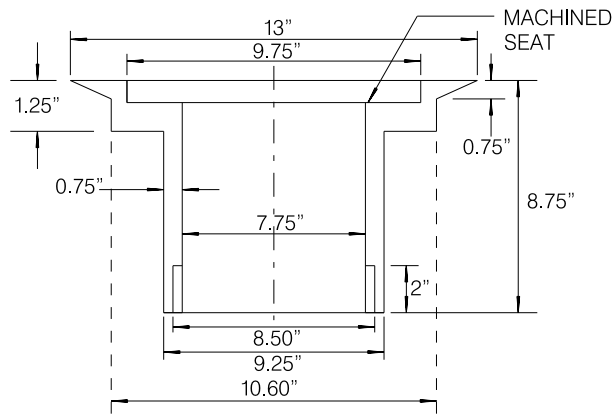
LEGEND ON PLANS

SEE ADDITIONAL NOTES ON SHEET 2

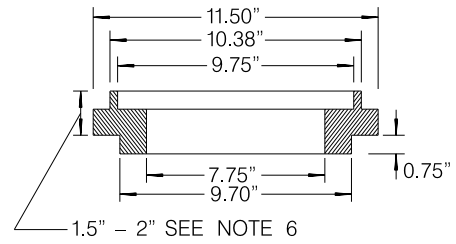
SHEET 1 OF 2

ITEM NO	SIZE AND DESCRIPTION	ITEM NO	SIZE AND DESCRIPTION
①	GATE WELL WITH CAP PER SDW-152	⑥	WATER MAIN
②	VALVE STEM EXTENSION SEE NOTES 1 & 2	⑦	VALVE WELL FRAME SET TO SLOPE OF STREET
③	8" OD x 18" STEEL CASING x REQUIRED LENGTH	⑧	CALDER COUPLING (FOR PVC WELL)
④	BUTTERFLY VALVE	⑨	9" X 9" CONCRETE RING
⑤	RESILIENT WEDGE GATE VALVE		

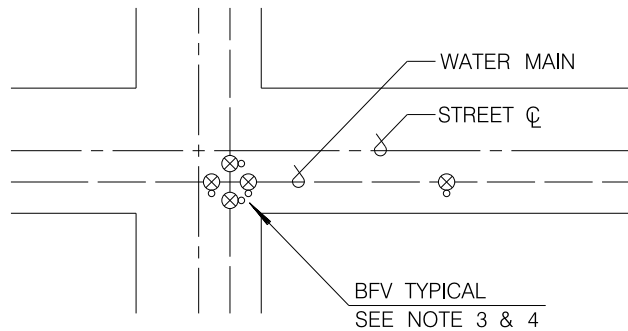
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING GATE WELL CAP & CAN INSTALLATION FOR VALVES 4" AND LARGER	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE COORDINATOR R.C.E. 56523 11/20/2017 DATE DRAWING NUMBER SDW-153
ORIGINAL*	KA	J. NAGELVOORT	01/12		
UPDATED	KA	J. NAGELVOORT	12/12		
UPDATED	KA	J. NAGELVOORT	5/13		
UPDATED	HM	J. NAGELVOORT	02/16		
UPDATED	EF	J. NAGELVOORT	11/17		



CAST IRON VALVE WELL FRAME



CAST IRON RISER RING



BFV OPERATOR POSITION

NOTES:

1. VALVES DEEPER THAN 6' REQUIRE A VALVE STEM EXTENSION.
2. EXTENSION STEMS SHALL NOT BE ATTACHED/BOLTED TO OPERATING NUT.
3. GATE WELL AND CAP SHALL BE SET SO THAT NO MORE THAN TWO 1" ADJUSTMENT RINGS ARE USED.
4. BFV OPERATORS TO BE LOCATED TO THE CURBLINE SIDE OF WATER MAIN.
5. BFV'S INSTALLED AT CROSSES OR TEES REQUIRE A FLANGED DUCTILE IRON SPOOL TO BE INSTALLED BETWEEN THE FITTING AND VALVE IN ACCORDANCE WITH THE SPECIFICATIONS.
6. CAST IRON RISER RING HEIGHT TO MATCH OVERLAY THICKNESS, NO MORE THAN TWO (2) RINGS ARE USED.
7. CONCRETE RING MUST HAVE A DESIGN MIX OF 560-C-3250, AND OBTAIN 3250 PSI BEFORE TRAFFIC USE. SEE SDG-108 NOTE 5 FOR CONCRETE OPTIONS AND CURING REQUIREMENTS.
8. WHEN USING STEEL CASING GATE WELLS, USE NON-METALLIC SPACERS TO PREVENT CONTACT BETWEEN VALVE AND GATEWELL.

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		GATE WELL CAP & CAN INSTALLATION FOR VALVES 4" AND LARGER
UPDATED	KA	J. NAGELVOORT	12/12	11/20/2017 DATE	
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