



NOTES:

1. SEE DRAWING FOR:
 - a. VALVE "A" MODEL NUMBER AND TYPE OF FLANGE (ANSI B16.1, CLASS 125 OR CLASS 250) FOR AIR/VACUUM VALVES
 - b. VALVE "B" MODEL NUMBER, OUTLET AND ORIFICE SIZES FOR AIR RELEASE VALVES.
 - c. MATERIAL LIST SIZES "A" AND "B" (SIZE "A", MINIMUM 3", MAXIMUM 8") (SIZE "B", MAXIMUM 2")
2. SEE SPECIFICATIONS FOR WELDED-ON CONNECTIONS (BOSSES OR OUTLETS) (OUTLET SIZE, MINIMUM 3", MAXIMUM 8")
3. MATERIAL LIST NUMBER 2 (9" DIP, FLGxFLG) IS REQUIRED ONLY FOR WELDED-ON BOSSES.

MATERIAL LIST

NO.	SIZE	DESCRIPTION	JOINT
1	A	WELDED-ON CONNECTION, SEE NOTE 2	FLG
2	A	DIP, 9" LONG, SEE NOTE 3	FLGxFLG
3	A	GATE VALVE WITH BEVEL GEARING	FLG
4	A	AIR/VACUUM VALVE WITH FLANGE OUTLET, SEE NOTE 1.a	FLG
5	A	NOT USED	
6	A	90° BEND	FLG
7	A	DIP, LENGTH VARIES	FLGxFLG
8	A	DIP, LENGTH VARIES	FLGxPE
9	A	DIP	BELLxPE
10	A	90° BEND	BELL
11	A	DIP, LENGTH VARIES	FLGxPE
12	A	90° BEND	FLG
13	-	1/2" SQ.-12GA. STAINLESS STEEL BIRD SCREEN WITH FLANGE	-
14	B	BRASS NIPPLE	NPT
15	B	BRASS GATE VALVE WITH HAND WHEEL	NPT
16	B	90° BRASS ELBOW	NPT
17	B	PRESSURE AIR RELEASE VALVE, SEE NOTE 1.b	NPT
18	1/2"	BRASS PIPE	NPT
19	2"x1/2"	BRASS REDUCER	NPT
20	2"	BRASS NIPPLE	NPT
21	2"	90° BRASS ELBOW	NPT
22	2"	UNION, BRASSxPVC	NPT
23	2"	PVC PIPE, SCH 40, SOLVENT WELDED	-
24	2"	PVC 90° BEND, SOLVENT WELDED	-
25	2"	PVC 180° BEND, SOLVENT WELDED	-
26	-	BIRD SCREEN, SEE DETAIL W/2.0b	-
27	-	RUBBER ANNUAL HYDROSTATIC SEALING DEVICE, SEE SPECIFICATIONS	-

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: 9/29/16

Chief Engineer

STANDARD DETAIL
DETAILS FOR
AIR/VACUUM VALVE VAULT
ON 30-INCH DIAMETER
AND LARGER PIPES

W
10.1