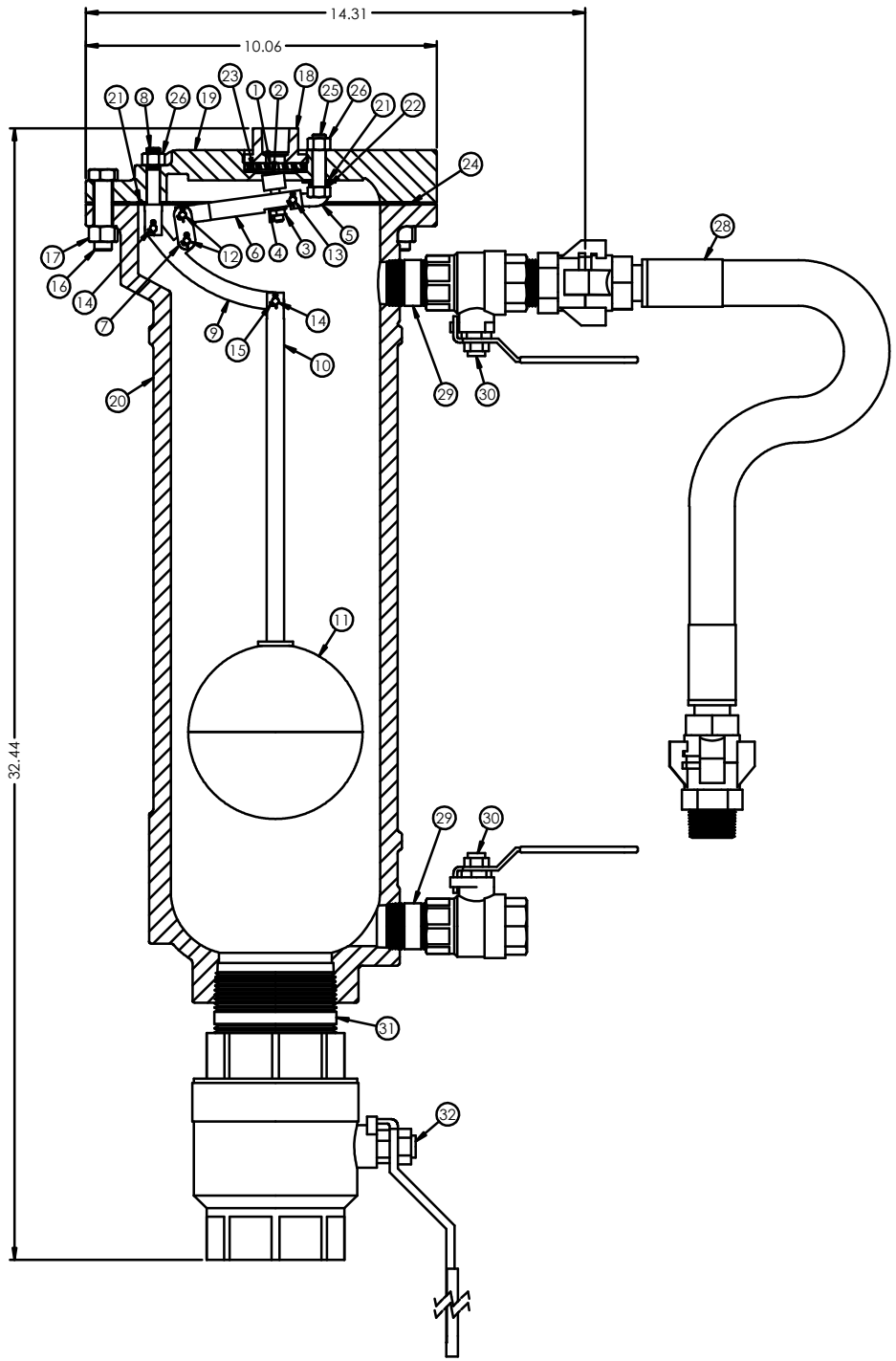

SEWER PRESSURE AIR RELEASE VALVE PARTS LIST				
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	13-1N	PRESSURE SEAT	PVC	1
2	15-4N	VALVE PLUNGER	BUNA-N & S/S	1
3	JFHN.25-28	PLUNGER NUT	STAINLESS STEEL	1
4	LW.25	LOCK WASHER	STAINLESS STEEL	1
5	13-5R	VALVE FULCRUM	STAINLESS STEEL	1
6	26-6S	VALVE LEVER	STAINLESS STEEL	1
7	13-7R	LINK	STAINLESS STEEL	2
8	13-8R	FLOAT FULCRUM	STAINLESS STEEL	1
9	13-10R	FLOAT LEVER	STAINLESS STEEL	1
10	36-30A	FLOAT ROD	STAINLESS STEEL	1
11	36-9	FLOAT	STAINLESS STEEL	1
12	13-11R	BEARING PIN	STAINLESS STEEL	2
13	13-12R	BEARING PIN	STAINLESS STEEL	1
14	13-11AR	BEARING PIN	STAINLESS STEEL	2
15	18-7A	COTTER PIN	STAINLESS STEEL	5
16	HHCS.5X2.0	COVER BOLT	STEEL	7
17	FHN.5-13	COVER NUT	STEEL	7
18	1-1S	TOP	CAST IRON	1
19	36-2	COVER FLANGE	CAST IRON	1
20	36-21-3L	BODY	CAST IRON	1
21	13-22	FULCRUM WASHER	FIBER	2
22	13-26	FULCRUM WASHER	FIBER	1
23	13-23	SEAT GASKET	BUNA-N RUBBER	1
24	14-24	COVER GASKET	ARMSTRONG	1
25	HHCS.38X1.5	FULCRUM BOLT	STAINLESS STEEL	1
26	FHN.38-16	NUT	STEEL	2
BACK FLUSHING PART LIST				
28	HA 1X5	HOSE	CAD. PLT STL, RUBBER	1
29	NPL 1XC	NIPPLE	STEEL	2
30	BV-1	BALL VALVE	BRONZE	2
31	NPL 3XC	NIPPLE	STEEL	1
32	BV-3	BALL VALVE	BRASS	1

ORIFICE DATA	
DIAMETER	MAX. WORKING PRESSURE
1/2"	150 PSIG
7/16"	200 PSIG
3/8"	250 PSIG
1/4"	300 PSIG

NOTES:
1. INLET SIZE: 3" NPT
   OUTLET SIZE: 1/2" NPT
2. APPROXIMATE WEIGHT: 87 lbs
3. VALVE WILL BE COATED EXTERNALLY WITH PHENOLIC ALKYD PRIMER

REV.	DESCRIPTION	DATE	APPROVED
1	REDRAWN IN SOLIDWORKS	10-21-21	

REVISIONS

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
X.X DIMENSIONS ±.1
X.XX DIMENSIONS ±.01
X.XXX DIMENSIONS ±.005
DRILLED HOLES ±.01
ANGLES ±1°
CONCENTRIC DIAMETERS SEE BELOW
MACHINED .005 TIR
MACHINED TO CAST .02 TIR
MACHINED SURFACES 125 RMS
REMOVE BURRS
BREAK SHARP EDGES

MATERIAL:

FINISH: -

	NAME	DATE
DRAWN	DJF	10-21-21
CHECKED	-	-
ENG APPR.	-	-
MFG APPR.	-	-
Q.A.	-	-

FILE LOCATION: \\S2\s1\Drawings\ASSEMBLY\SARV\

FILE NAME: S30B 8279074 r1

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CRISPIN VALVES

TITLE:
3" NPT, HIGH CAPACITY SEWER PRESSURE AIR RELEASE VALVE W/ BACK FLUSH

SIZE C | DWG. NO. S30B 8279074 | REV 1

SCALE: 0.38:1 | WT: LB | SHEET 1 OF 1