

RevNo Revision note

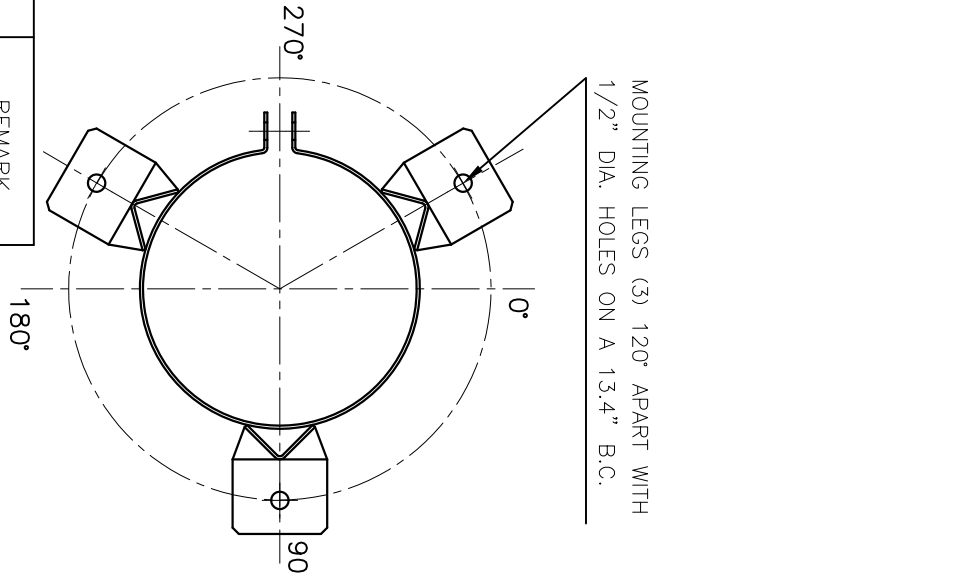
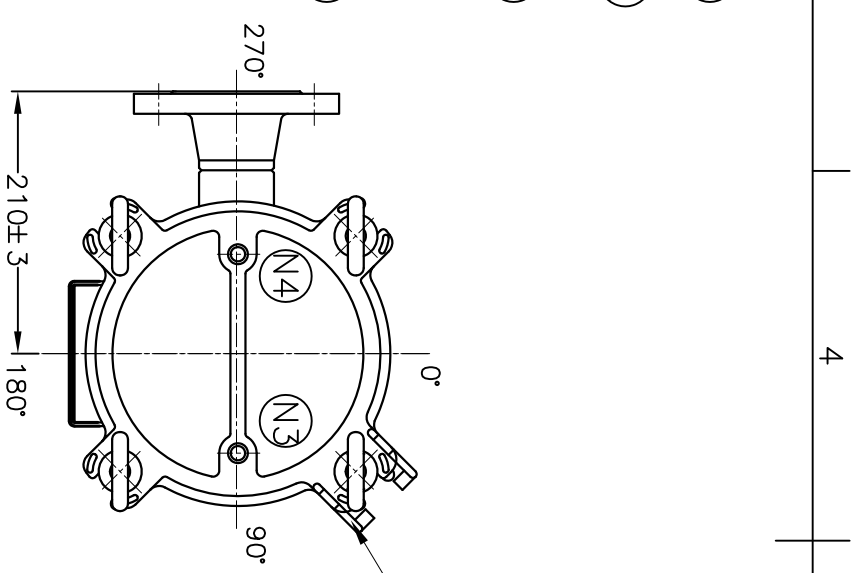
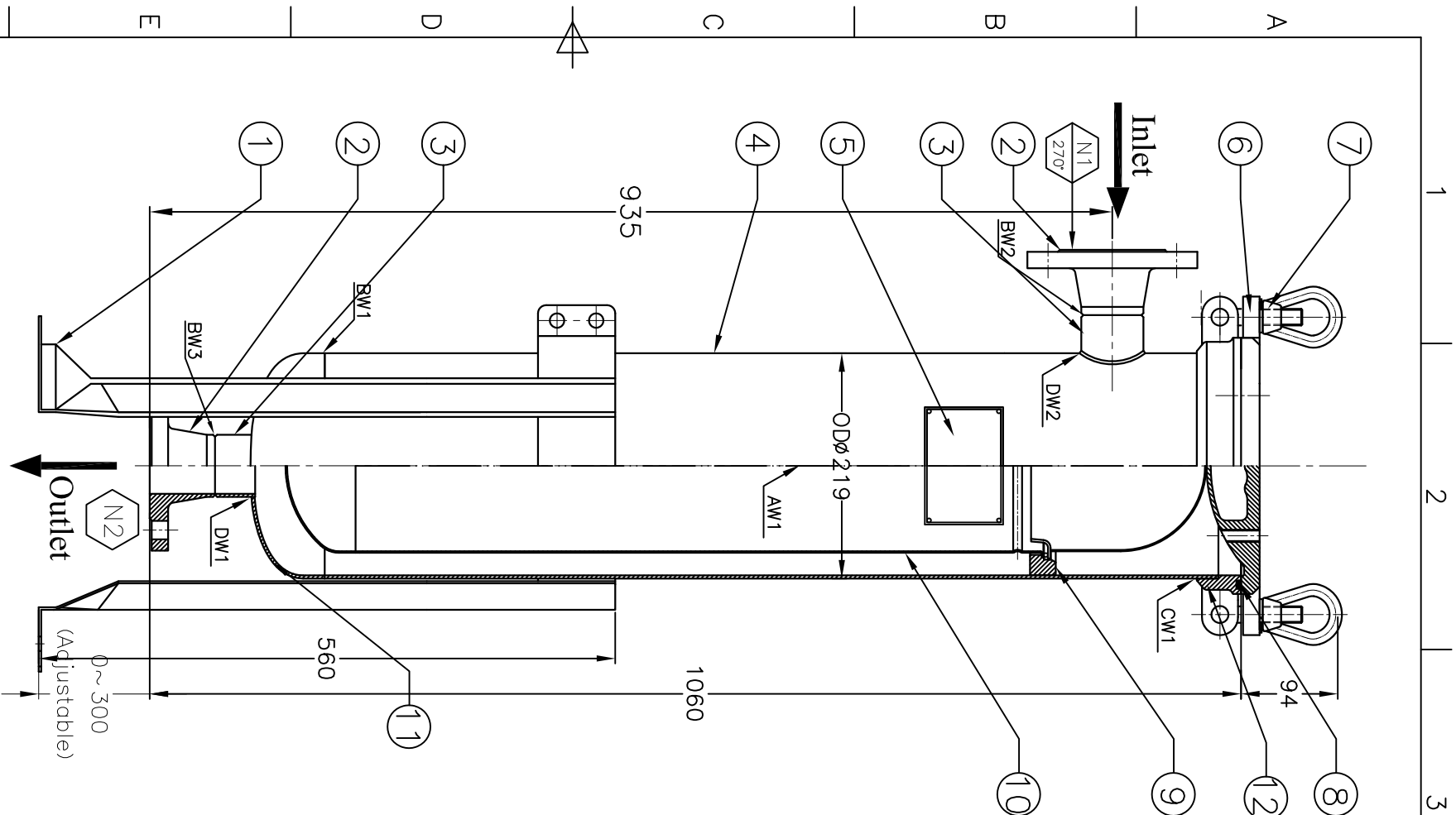
Date Signature Checked

DESIGN CONDITIONS

CODE	ASME CODE SECTION VIII, DIV. 1, 2010 EDITION 2011 ADDENDA	WATER (NON-LETHAL)	
CODE STAMP	NO	MEDIUM	
DESIGN PRESSURE	1.0 MPa	DESIGN TEMPERATURE	120 °C
MAMP	1.0 MPa	MDMT	-10 °C
WORK PRESSURE	0.8 MPa	HYDROSTATIC PRESSURE TEST	1.31 MPa
WORK TEMPERATURE	105 °C	AIR PRESSURE TEST	MPa
SPECIFIC GRAVITY		PIGMENTATION TEST	
CORROSION ALLOWANCE	0 mm	PAINT	NA
AVOID STRESS HEAT TREATMENT	NA		
NONDESTRUCTIVE EXAMINATION	NA	VESSEL WEIGHT	44 Kg
SURFACE		WEIGHT FULL WITH WATER	78 Kg
JOINT EFFICIENCIES	0.7(head 0.85)	WORK WEIGHT	78 Kg
CUBAGE	m ³ 0.034	Impact Test	NA

NOTES:

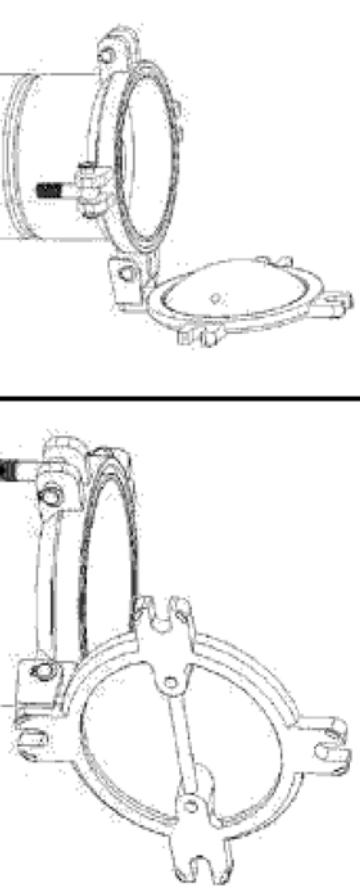
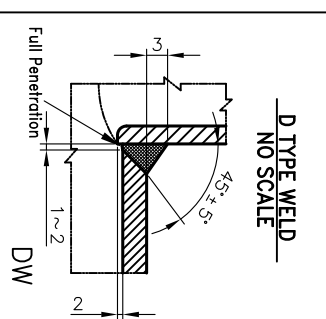
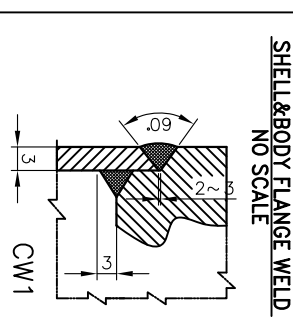
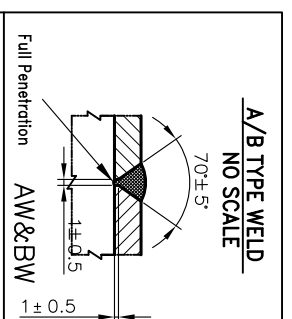
INLET / OUTLET FLANGE CONNECTIONS PER ASME B16.5.
 ALL DIMENSIONS ARE IN MM .
 ALL BOLT HOLES ARE TO STRADDLE NATURAL CENTERLINES.



MOUNTING LEGS (3) 120° APART WITH 1/2" DIA. HOLES ON A 13.4" B.C.

PORT CHART

NO.	QTY	STANDARD	SIZE	GRADE	SEAL SURFACE	TYPE	USED	REMARK
N1	1	ASME B16.5	2"	CL.150	RF	W.N.	INLET	270°
N2	1	ASME B16.5	2"	CL.150	RF	W.N.	OUTLET	BOTTOM
N3	1	ASME B16.11	1/4 FNPT	3000Ib			VENT	ABOVE
N4	1	ASME B16.11	1/4 FNPT	3000Ib			GAUGE PORT	ABOVE PLUGGED



NO.	Code	Name	Qty	Material	Single Total Weight(kg)	Remark
12		SHELL FLANGE	1	SA351 CF8		
11		BOTTOM HEAD	1	SA240 304		δ=3mm t _{min} =2.7mm
10		BASKET	1	SUS304		
9		RETAINER	1	SA312 TP304		
8		O-RING	1	VITON		ID:224X7
7		EYE BOLT	4	SA193 B7		5/8-11 UNC
6		EYE NUT	4	SA351 CF8		
5		BOLT COVER	1	SA240 304		δ=14mm
4		SHELL	1	SA312 TP304		δ=3mm t _{min} =2.85mm
3		NOZZLE	2	SA312 TP304		ø60.3*3.91
2		FLANGE	2	SA182 F304		ASME B16.5 2" CL.150
1		LEG	3	SUS304		



PMSBH Bag Housing

PMSBH-8"-2RF-304-US-SW

Edition 1/1

1 2 3 4 5 6 7 8