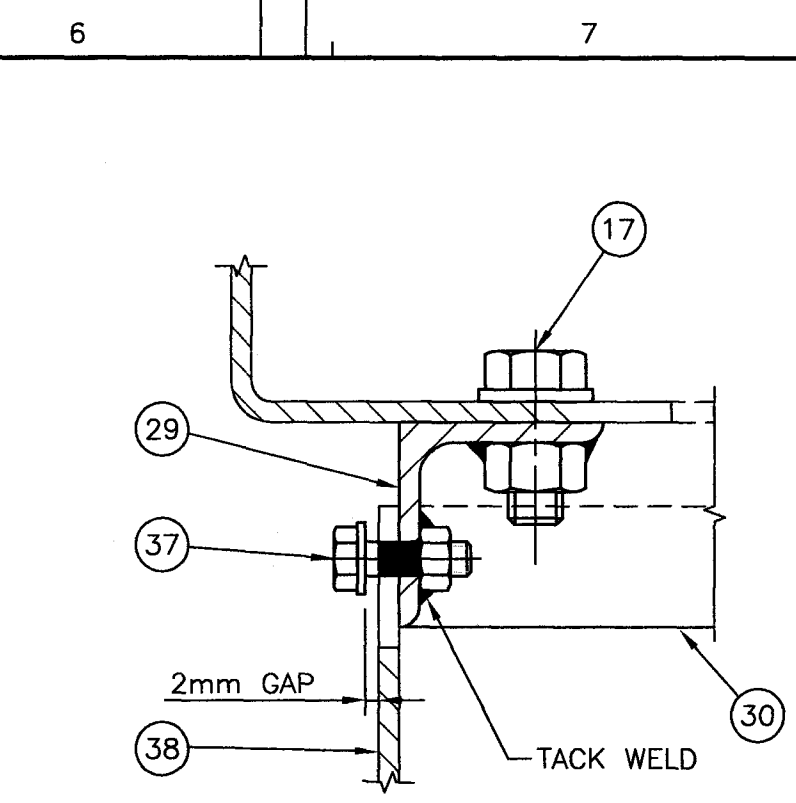
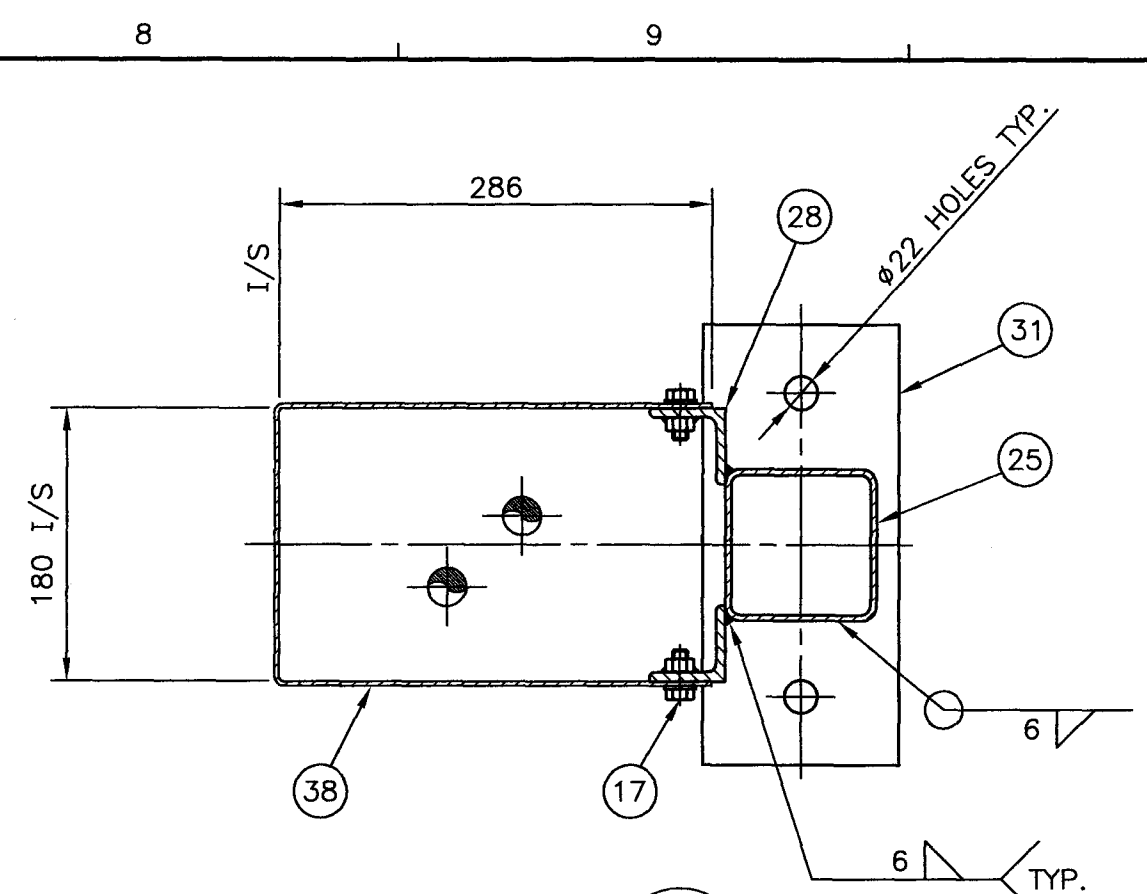


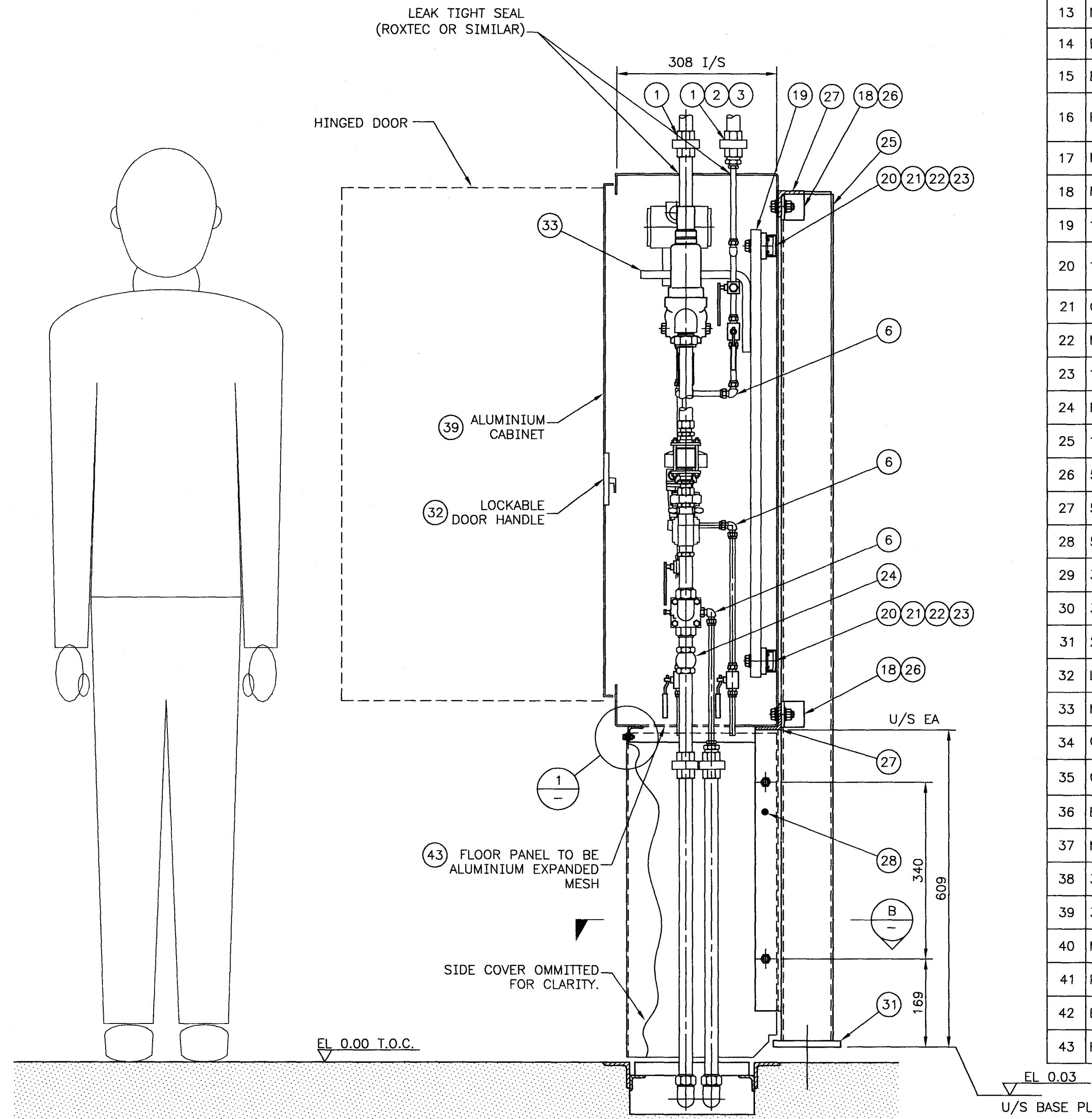
FRONT ELEVATION



SECTION C  
N.T.S.



SECTION B  
N.T.S.



SECTION A  
N.T.S.

NOTES:

1. TO BE READ IN CONJUNCTION WITH SECTIONS 9.2 & 9.3 OF DS35-01.
2. COLUMN ENDS SHALL BE PREPARED FOR FULL CONTACT AS PER AS 4100.
3. BASEPLATE SHALL BE FILLET WELDED TO COLUMN U.N.O. ON DESIGN DRAWINGS.
4. A PROJECT MAY REQUIRE CLADDING AROUND WATER OFF-TAKE LINE, AND INSTALLATION OF A 100W HEATER AND THERMOSTAT IN THE TRANSMITTER PANEL TO PROTECT AGAINST FREEZING.
5. DESIGNER SHALL SIZE CABINET INTERNAL TUBING TO MEET VESSEL REQUIREMENT.
6. DESIGNER TO REVIEW CABINET SUPPORT WHERE TO BE USED IN CYCLONIC REGION.
7. NO ISOLATION VALVE SHALL BE INSTALLED BETWEEN THE VESSEL AND RELIEF VALVE, OR ON THE DISCHARGE OF THE RELIEF VALVE.
8. DESIGNER MUST ADEQUATELY SIZE THE SAFETY VALVE TO SUIT THE VESSEL OPERATING REQUIREMENTS IN ACCORDANCE WITH AS1271, AND AS1210.
9. PIPE WORK BETWEEN THE VESSEL AND SAFETY VALVE SHALL BE OF EQUAL OR LARGER DIAMETER THAN THE INLET OF THE SAFETY VALVE. PIPE WORK ON THE DISCHARGE OF THE SAFETY VALVE SHALL BE OF EQUAL OR LARGER DIAMETER THAN THE OUTLET OF THE SAFETY VALVE.

MATERIAL LIST

ITEM	DESCRIPTION	QTY	MAT.	PARTS No/REMARKS
1	UNION	4	SS	THREADED F&F
2	HEX NIPPLE	2	SS	THREADED REDUCER
3	BUSH	2	SS	THREADED REDUCER
4	DN10 FLEXIBLE NYLON	3		CONNECTION
5	DN10 STRAIGHT TEE	5	SS	THREADED
6	DN10 ELBOW 90°	4	SS	THREADED F&F
7	ELBOW 90°	5	SS	THREADED F&F
8	STRAIGHT TEE	2	SS	THREADED
9	ELBOW 90°	1	SS	THREADED M&F
10	DN10 BALL VALVE	9	SS	
11	DN10 ELECTRIC CONDENSATE TRAP	1		ATLAS COPCO EWD75 OR EQUIVALENT
12	AIR RELIEF VALVE & SILENCER	1		SOLENOID ACTUATED
13	NEEDLE VALVE	1	SS	
14	BALL VALVE	2	SS	
15	BALL VALVE	1	SS	SOLENOID ACTUATED
16	RELIEF VALVE	1		MACK 17205 CR SS TRIM OR EQUIVALENT
17	M10 BOLTS N/W	9	MS	GRADE 4.6 AS1111
18	M12 BOLTS N/W	4	MS	GRADE 4.6 AS1111
19	1100x860x20 PVC PANEL	1		
20	1100 LG UNISTRUT	2	AL	6106 T6 MILL FINISHP4000AL ID.126397
21	CHANNEL NUT	8	SS	E1008S
22	M10 BOLT	8	SS	HS1040S
23	10mm PVC SPACER	8	PVC	
24	NON RETURN VALVE	1		
25	100x4SHSx1630LG	1	MS	
26	50x6EAx50LG	4	MS	
27	50x5EAx1200 LG	2	MS	
28	50x5EAx540 LG	2	MS	
29	30x3EAx245	2	MS	
30	30x3EAx183	1	MS	
31	290x130x16PL BASE PLATE	1	MS	
32	LOCKABLE DOOR HANDLE	1		
33	MOUNTING BRACKET	2		
34	OD9.5 ( 3/8") TUBE SEAMLESS		SS	TP304-ASTM A213
35	OD25.4 (1") TUBE SEAMLESS	316	SS	TP304-ASTM A213
36	B253MG WEBGRATE			
37	M5 BOLT & NUT	2	MS	GRADE 4.8 AS1111
38	3mm PIPE COVER PLATE			ALUMINIUM
39	3mm CABINET PLATE			ALUMINIUM
40	M20 MASONRY ANCHOR	2		CHEMSET CHEMICAL
41	PIPE		SS	SCH80 316 SS
42	ELBOW	1	SS	THREADED F&F
43	FLOOR PANEL	1		ALUMINIUM MESH

B 09/2015		MATERIAL LIST AND NOTES REVISED		M.D.	M.B.	DESIGN SURVEY	VERTICAL DATUM NONE	DES CALC	NORTH POINT	AUTHORISED	27/09/2011	MECHANICAL STANDARD DRAWING		ORIGINAL SHEET SIZE
							COORDINATE SYS NONE	DES CHD		M BRUNI (SIGNED)		MECHANICAL DESIGN STANDARD		
										MECHANICAL ENGINEER		DS35-01 - SURGE VESSELS - STANDARD TRANSMITTER PANEL		
										ACCEPTED	27/09/2011	GENERAL ARRANGEMENT		
										S EVANS (SIGNED)		FILE		
										PRINCIPAL ENGINEER IDB		PLAN		
												PROJECT		
												JZ39-91-17		
												CAD		
												ISSUE		
												B		
												MF 04 NOV 2015		