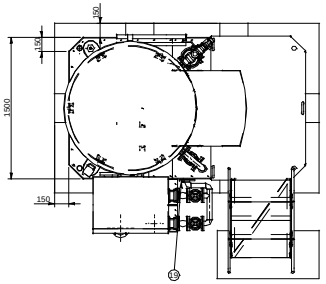
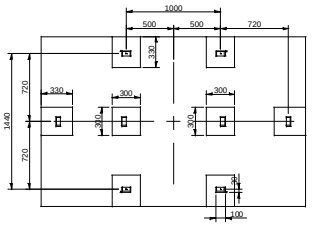
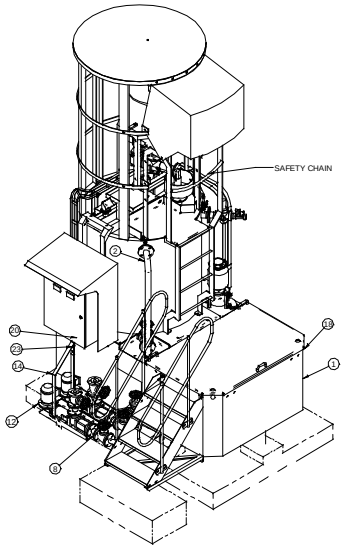
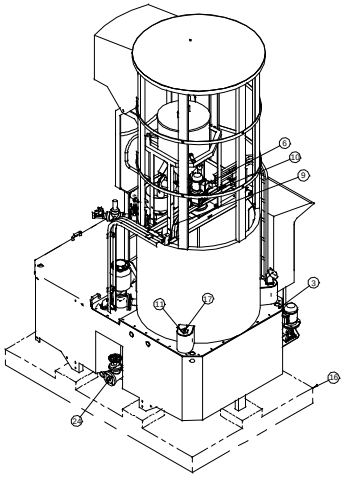
DO NOT SCALE

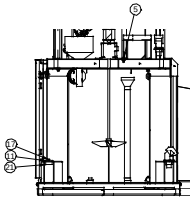




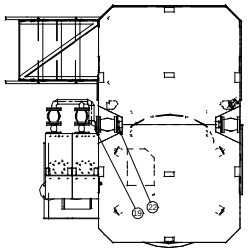
FOUNDATION LAYOUT - SECTION B-B



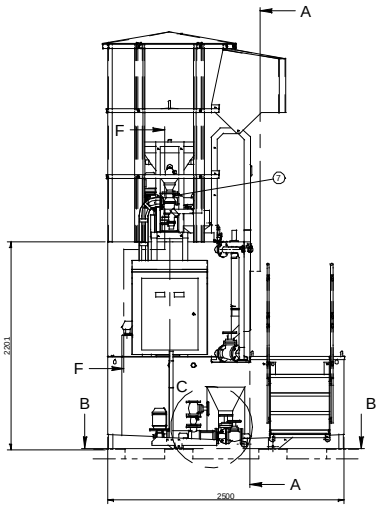


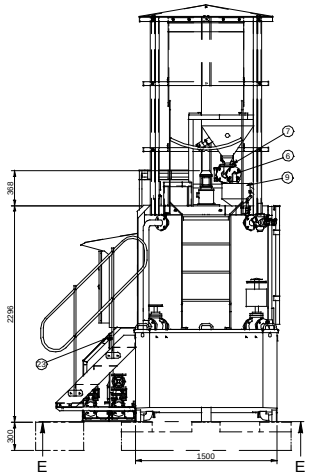


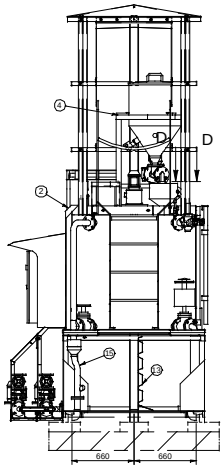
SECTION F-F



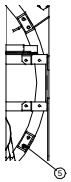
SECTION E-E



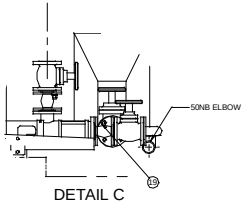




SECTION A-A



SECTION D-D



DETAIL C
1:10

Item No	Document Number	Title	Qty	Mass
1	03-0011-0002	STORAGE TANK WELDED ASSEMBLY	1	534.8 kg
2	08-0050-0060	CONDITIONING TANK ASSEMBLY	1	690.1 kg
3		M10X25 LONG BOLT,NUT & FL WASHER	39	1.5 kg
4	08-0050-0066	REAGENT BIN ASSEMBLY	1	70.1 kg
5		M12X35 LONG BOLT,NUT & FL WASHER	14	0.9 kg
6	08-0050-0040	SCREW FEEDER ASSY	1	29.3 kg
7		M16X45 LONG BOLT,NUT & FL WASHER	4	0.6 kg
8*		M16X40 LONG BOLT,NUT & FL WASHER	14	2.0 kg
9	03-0011-0071 A	CABLE RACK TO ACTUATED VALVES	1	2.8 kg
10		M16X35 LONG BOLT,NUT & FL WASHER	5	0.7 kg
11	FP-0000-0248	50x25 REDUCING BUSH	1	0.3 kg
12	08-0050-0019	PUMP ASSEMBLY	1	159.8 kg
13	08-0050-0036	BAFFLE ASSEMBLY	1	5.0 kg
14	FP-0002-0016	CABLERACK EXTENSION	1	3.4 kg
15	FP-0003-0061	OVERFLOW PIPE	1	7.5 kg
16	02-0033-0151	FOUNDATION PLAN	1	0.0 kg
17	FP-000-0219	1/2" GALV PLUG	2	0.0 kg
18	FP-0002-0067	WALKWAY LID	1	39.6 kg
19		M16X60 LONG BOLT,NUT & FL WASHER	4	0.7 kg
20	FP-0002-0015	PUMP MOTOR CABLE RACK	1	3.4 kg
21	FP-0000-0216	50NB SOCKET 25MM LG	2	0.2 kg
22		M16X55 LONG BOLT,NUT & FL WASHER	8	1.3 kg
23		M12X30 LONG BOLT,NUT & FL WASHER	2	0.1 kg
24		50 NB SAUNDERS KB VALVE SABS 1123 1000/3	2	30.0 kg
25*	04-0046-1006	MODIFIED COVER STRUCTURE	1	213.5 kg
26*	08-0050-0054	STAIR ASSEMBLY	1	53.3 kg

NOTES
1. OUTLET VALVES, PUMP AND DRAINS CAN BE TAKEN FROM EITHER SIDE OF THE TANK TO SUIT CLIENT REQUIREMENTS
2.TOTAL DEAD LOAD = 18 kN
3. MAXIMUM LIVE LOAD (WATER IN TANKS AND FLOC BIN FULL) = 46 kN
4. ALL FLANGES 50 NB SABS 1123 1000/3 UOS
5. ALL 8 SUPPORT LEGS TO BE GROUTED TO ENSURE EVEN DISTRIBUTION OF LOAD
6. ALL MOTORS 525V IP55
7. ALL CONTROLS AND INSTRUMENTATION 24V DC

REFERENCE

DESCRIPTION

REVISIONS

NO.	DESCRIPTION	DATE	CHECK

TOLERANCES						
+MOVING	FACE	+ANGLE	-ANGLE	DRAWN	D.T
0.5	1	0.1	-	DATE	2009/09/15
3	6	0.1	1	CHECKED	by
6	30	0.2	1.5	DATE	2004/
30	120	0.3	2.5	ENGINEER	by
120	315	0.5	3	DATE	2004/
315	1000	0.8	4	PROJ'N	1ST ANGLE
1000	2000	1.2	4.5	MATERIAL	
2000	3150	1.5	5	NA	

MechProTech (Pty) Ltd.
Mechanical Product and Technology Development for Industry

HYDRAMIX 4.5 COMPACT FULLY AUTO FLOCCULANT PLANT CW 2 OFF C41M PUMPS

SCALE: 1:20 | DRWG NO. A0-08-0087-0001 | SHEET 1 OF 1

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