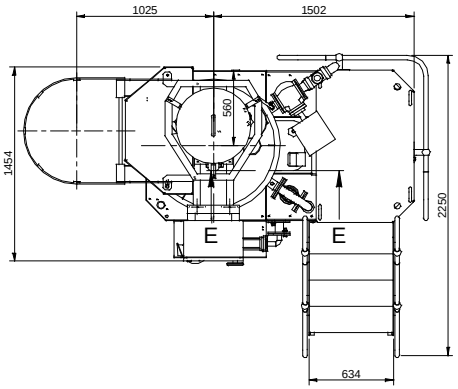
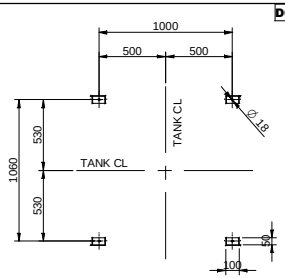
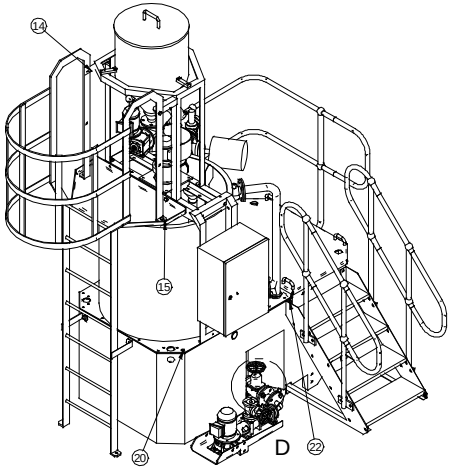
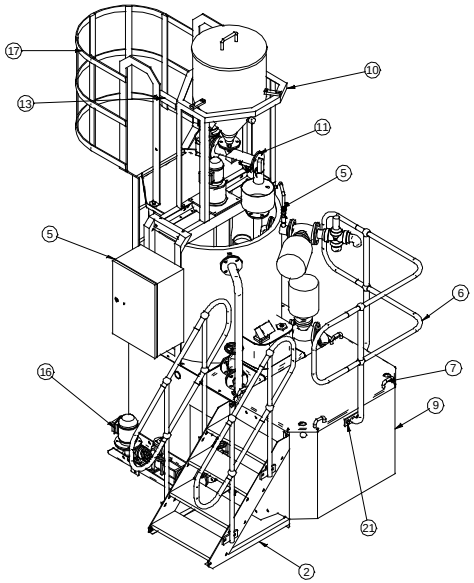
DO NOT SCALE

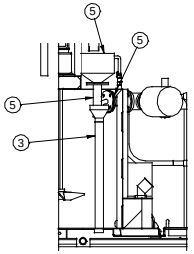




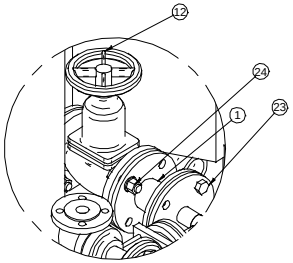
FOUNDATION LAYOUT - SECTION B-B



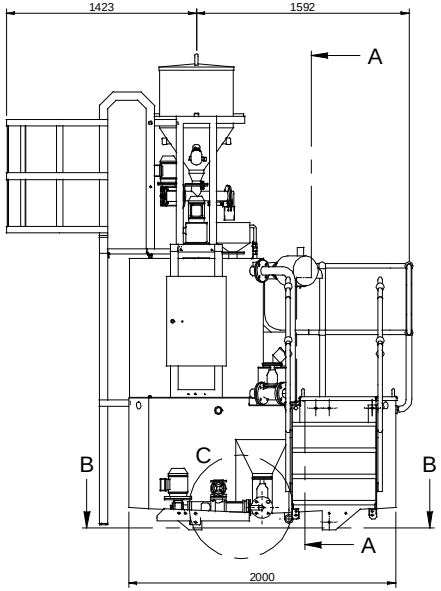


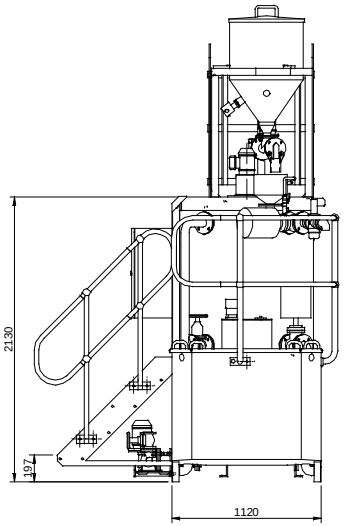


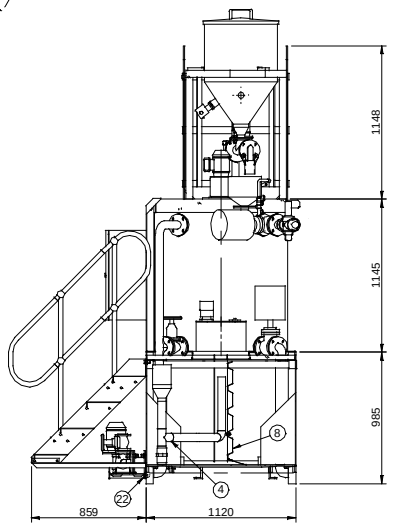
SECTION E-E



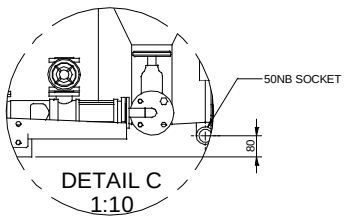
DETAIL D







SECTION A-A



DETAIL C
1:10

NOTES
1. ALL FLANGES 50 NB SABS 1123 1000/3 UOS
2. ALL 4 SUPPORT LEGS TO BE GROUTED TO ENSURE EVEN DISTRIBUTION OF LOAD
3. MIXER DIRECTION OF ROTATION SUCH THAT LIQUID IS PUMPED FROM TOP TO BOTTOM OF TANK

Item No	Document Number	Title	Qty	Mass
1	FP-0006-0201	50NB LINKFLEX RUBBER JOINT 16 BAR STYLE 10	1	1.5 kg
2	FP-0002-0054	STAIR ASSEMBLY	1	53.3 kg
3	FP-0001-0142	SECONDARY OVER FLOW PIPE	1	9.1 kg
4	FP-0001-0061	OVERFLOW PIPE	1	13.1 kg
5	FP-0001-0060	CONDITIONING TANK ASSEMBLY	1	321.0 kg
6	FP-0001-0052	HANDRAILING ASSEMBLY	1	17.9 kg
7	FP-0001-0038	LID WALKWAY	1	22.8 kg
8	FP-0001-0036	BAFFLE ASSEMBLY	1	9.0 kg
9	FP-0001-0002	HYDRATION TANK	1	329.4 kg
10	FP-0000-0066	REAGENT BIN ASSEMBLY	1	70.1 kg
11	FP-0000-0040	SCREW FEEDER ASSY	1	28.9 kg
12	FP-0000-0004	50 NB SAUNDERS KB VALVE SABS 1123 1000/3	2	20.8 kg
13	03-0020-0174	CATLADDER SUPPORT BRACKET	1	0.9 kg
14	03-0020-0174	CATLADDER SUPPORT BRACKET MIRROR	1	0.9 kg
15	03-0020-0173	MIXER TANK PLATFORM	1	18.0 kg
16	03-0020-0172	PUMP ASSEMBLY	1	52.1 kg
17	03-0020-0046	CATLADDER	1	93.9 kg
18*		M16X45 LONG BOLT,NUT & FL WASHER	6	0.9 kg
19*		M12X35 LONG BOLT,NUT & FL WASHER	4	0.3 kg
20		M12X30 LONG BOLT,NUT & FL WASHER	24	1.5 kg
21		M16X40 LONG BOLT,NUT & FL WASHER	9	1.3 kg
22		M16X35 LONG BOLT,NUT & FL WASHER	8	1.1 kg
23		M16X55 LONG BOLT,NUT & FL WASHER	4	0.7 kg
24		M16X60 LONG BOLT,NUT & FL WASHER	12	2.1 kg
25*		M8X25 LONG BOLT,NUT & FL WASHER	10	0.3 kg

REFERENCE

DESCRIPTION

REVISIONS

NO.	DESCRIPTION	DATE	CHECK
2	VALVES WERE SAUNDERS, L/CELLS ADDED	2002/06/24	DT
1	MONO PUMP REMOVED & PUMP MANIFOLD ADDED	2002/05/09	DT

TOLERANCES

ABOVE	INCL	MACH	FABR	CAST
0.5	3	0.1	"	"
3	6	0.1	1	1
6	30	0.2	1.5	2
30	120	0.3	2.5	3
120	315	0.5	3	5
315	1000	0.8	4	6.5
1000	2000	1.2	4.5	7
2000	3150	1.5	5	7.5

DRAWN	D.T
DATE	2003/10/20
CHECKED	HDP
DATE	2003/10/21
ENGINEER	DT
DATE	2003/10/21
PROJ'N	1ST ANGLE
MATERIAL	NA

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

HYDRAMIX 2.5 COMPACT FULLY AUTOMATIC REAGENT PLANT

SCALE: 1:20 | DRWG NO. A1-03-0020-0001 | SHEET 1 OF 1

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