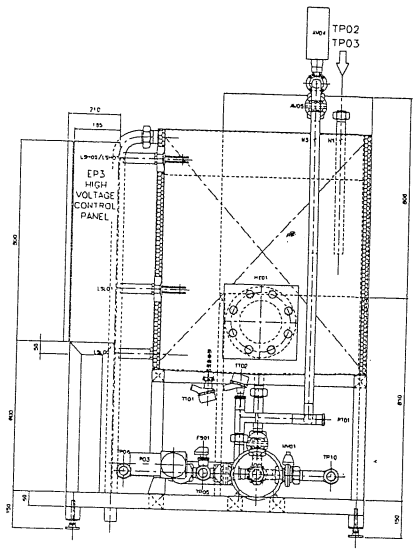
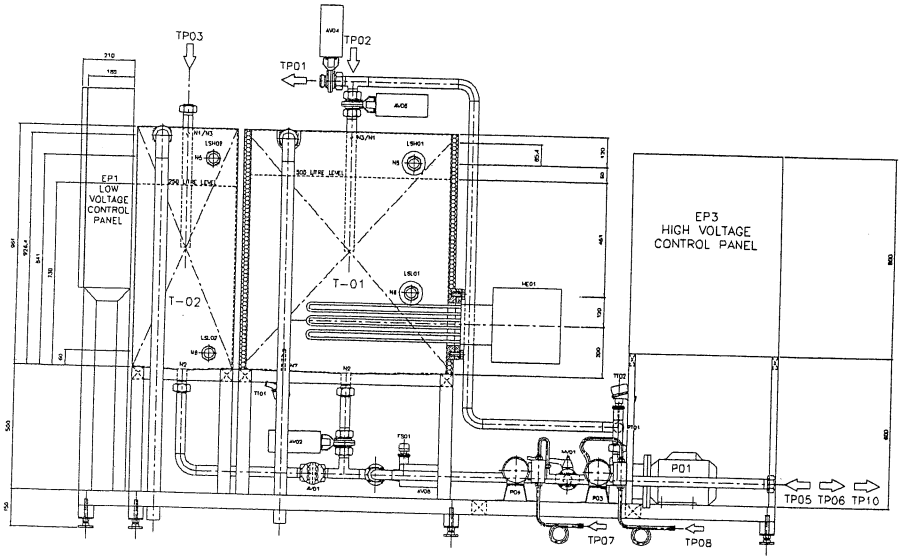
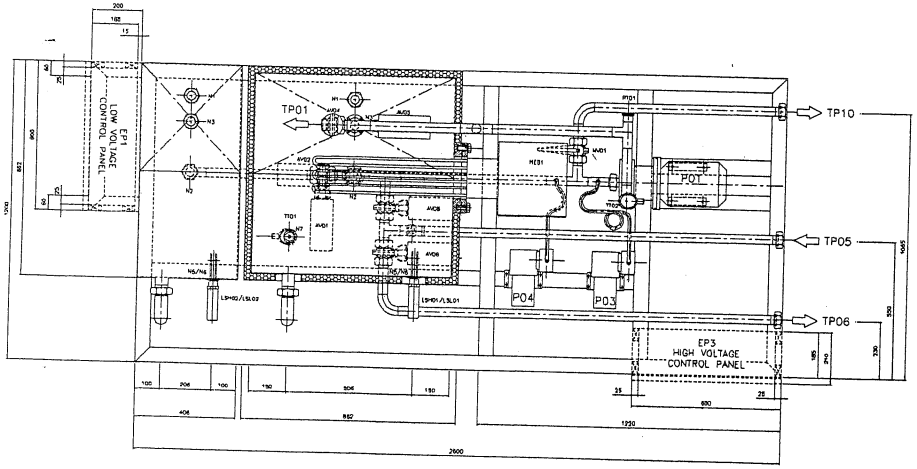
DO NOT SCALE – IF IN DOUBT ASK







TERMINATION POINTS					
	MEDIA	DUTY	SIZE	CONNECTION	DESCRIPTION
TP01	CIP	60L/MIN @ 5 BAR	1.5"	IDF	CIP DELIVERY
TP02	HOT WATER	TO BE CONFIRMED	1.5"	IDF	HOT WATER TO TANK T01
TP03	DEMIN WATER	TO BE CONFIRMED	1.5"	IDF	DEMIN WATER TO TANK T02
TP04		SPARE	1.5"	IDF	SPARE CONNECTION ON DEMIN WATER TANK T02
TP05	CIP	90L/MIN @ GRAVITY	1.0"	IDF	CIP RETURN
TP06	CIP	90L/MIN @ 1 BAR	1.5"	IDF	CIP TO DRAIN
TP07	TBC	30L/HR @10 BAR MAX	1/4"	HOSE	ANTI-FOAM DOSING POINT INLET
TP08	TBC	50L/HR @10 BAR MAX	3/8"	HOSE	DETERGENT/SANITISER DOSING POINT INLET
TP09	AIR	90 PSI	1/4"	BSP.F	CONTROL AIR
TP10	CIP	GRAVITY	1.5"	IDF	CIP SYSTEM DRAIN
TP11		NOT USED			
TP12		NOT USED			
TP13		NOT USED			
TP14		NOT USED			

ELECTRICAL TERMINATION POINTS					
	MEDIA	DUTY	SIZE	CONNECTION	DESCRIPTION
ETP01	MAINS POWER	35 kW 415V	--	--	MAINS POWER SUPPLY

T01 TANK 500 LITRE			
	SIZE	CONNECTION	DESCRIPTION
N1	1.5"	TUBE	TANK INLET
N2	1.5"	TUBE	TANK OUTLET
N3	1.5"	TUBE	TANK CONNECTION
N4	2"	IDF	OVERFLOW
N5	1.0"	BSP	LSH01 LEVEL PROBE
N6	1.0"	BSP	LSL01 LEVEL PROBE
N7	1.5"	TRI-CLAMP	TT01 THERMOWELL
N8	6.0"	FLANGED	HEATER CONNECTION

T02 TANK 250 LITRE			
	SIZE	CONNECTION	DESCRIPTION
N1		TUBE	TANK INLET
N2	1.5"	TUBE	TANK OUTLET
N3	1.5"	IDF	TANK CONNECTION
N4	2"	IDF	OVERFLOW
N5	1.0"	BSP	LSH02 LEVEL PROBE
N8	1.0"	BSP	LSL02 LEVEL PROBE

SPECIFICATION – GOOD ENGINEERING PRACTISE		
	PIPE WORK	TANKS
MATERIAL	316L STAINLESS STEEL	316L STAINLESS STEEL
FITTINGS	IDF	IDF
FINISH INTERNAL	DESCALED	DESCALED (WELDS GROUND & BAND POLISHED)
FINISH EXTERNAL	120 GRIT	120 GRIT (WELDS CLEANED & BUFFED)
WELDING	PURGE ORBITAL WERE POSIBLE TIG EN286/287	TIG EN286/287
NDT	SUNCOMBE VISUAL 100% SUNCOMBE DYE PEN 100% SUNCOMBE PRESSURE TEST 9 BAR FOR 1 HOUR	SUNCOMBE VISUAL 100% SUNCOMBE DYE PEN 100% SUNCOMBE STATIC HEAD FOR 1 HOUR

NOTES.
1. IMMERSION HEATER SIZED AT 15kW.
2. ELECTRONIC MANUALS TO BE SUPPLIED ON DISC.

HOLD.
1. CONTROL PANEL POSITION TO BE CONFIRMED(ie. – REMOTE?).

REV	DATE	DESCRIPTION	PER	CH'K
F	24 MAY 02	ALTERATIONS AS PER DAVE OVERTON	MDR	DAO
E	20 MAY 02	ALTERATIONS AS PER STEVE OVERTON	MDR	SDO
D	03 MAY 02	ALTERATIONS AS PER CLIENT REQUEST(EMAIL TO STEVE)	MDR	SDO
C	25 APR 02	ALTERATIONS AS PER CLIENT REQUEST(N.R. MEETING)	MDR	SDO
B	18 APR 02	ALTERATIONS AS PER DAVE OVERTON	MDR	SDO
A	14 MAR 02	FIRST ISSUE	MDR	SDO

DIMENSIONAL TOLERANCES :-
1) MACHINED SURFACES ± 0.1mm
2) HOLE CENTRES ± 0.2mm
3) UNMACHINED SURFACES UP TO 200mm ± 1.0mm
4) UNMACHINED SURFACES 200mm & ABOVE ± 3.0mm
5) PIPEWORK TERMINATION POINTS ± 5.0mm
6) MACHINED SURFACES MICROMETRES
3.2 ROUGH M/C 1.6 MACHINE M/C 0.8 FINE M/C 0.4 GROUND

1st ANGLE PROJECTION

DRAWN M.D.RITCHIE
DATE 14 MARCH 2002
CHECKED S.OVERTON
APPROVED S. OVERTON
SCALE A1 – 1:10

PROJECT
ROBERT McBRIDES
CIP VIP

CLIENT APPROVAL
SIGNED
DATED -

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TITLE
GENERAL ARRANGEMENT DRAWING OF
VIPCIP SYSTEM

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DRAWING No SL/37964/M3001
REV F