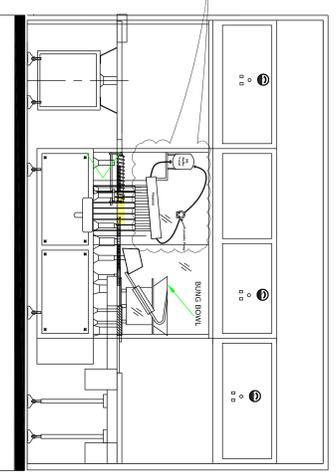
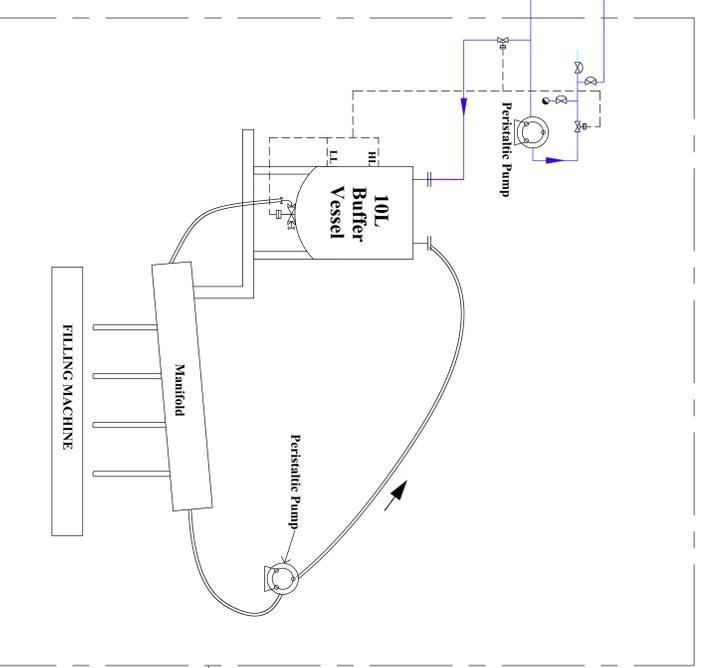
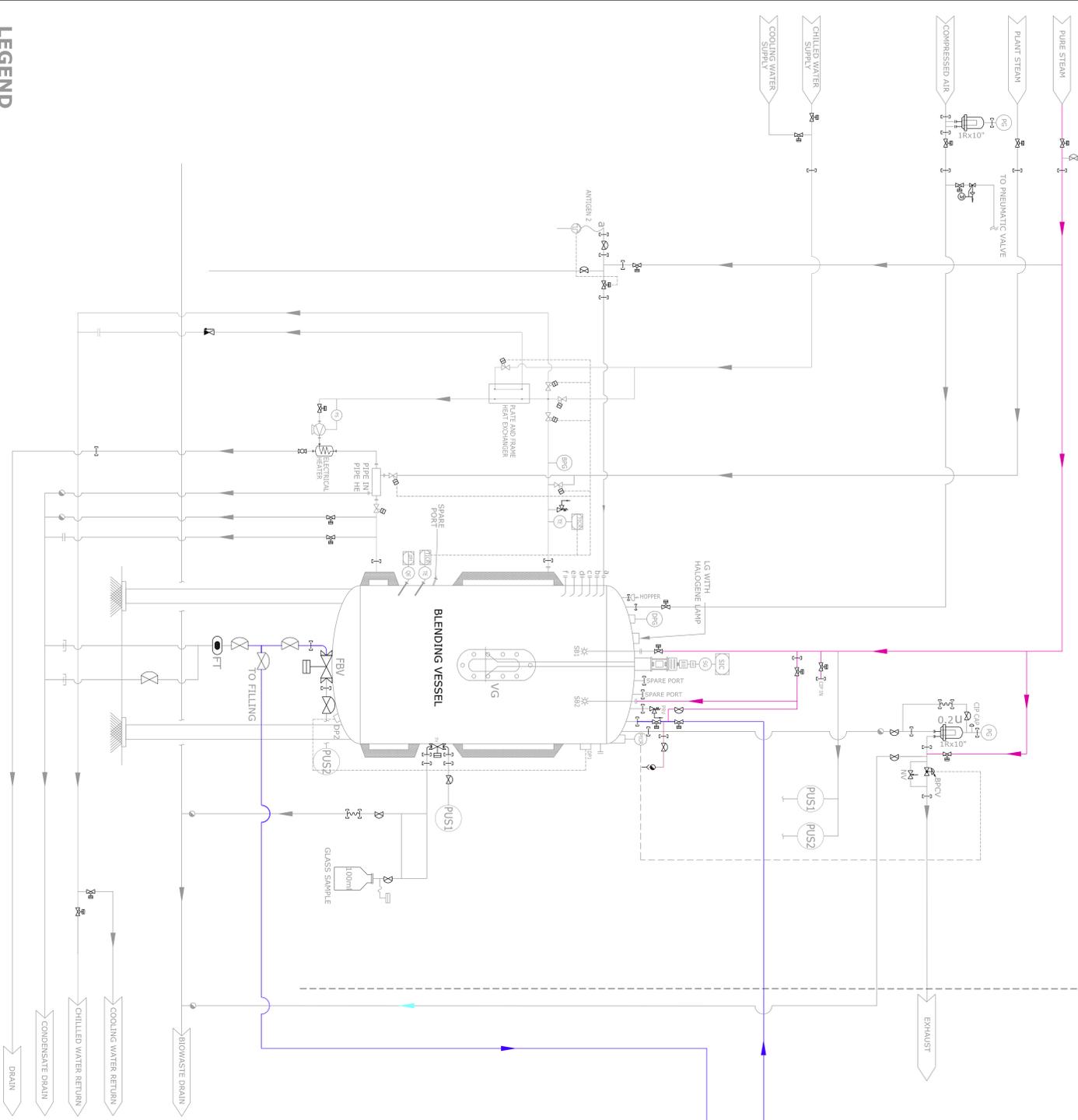


BLENDING AREA  **FILLING ROOM**



Vial Filling & Stoppering M/C

LEGEND

	MANUAL DIAPHRAGM VALVE		FLOAT TRAP
	PRESSURE REGULATING VALVE		NON RETURN VALVE
	TRI CLOVER CLAMP		ROTAMETER
	MICRON FILTER		BALL VALVE
	DIAPHRAGM PRESSURE GAUGE		NEEDLE VALVE
	STEAM TRAP		BACK PRESSURE CONTROL VALVE
	ANGLE SEAT VALVE		PRESSURE INDICATOR
	PNEUMATIC DIAPHRAGM VALVE		FLOW SWITCH
	TEMP. INDICATOR CONTROLLER RECORDER		PUS TO FBV
	TEMP. ELEMENT		PUS TO SV
	PERISTALTIC PUMP		CIRCULATION PUMP
	FLEXIBLE HOSE		DIFFERENTIAL PRESSURE SENSOR PORT
	PNEUMATIC FLUSH BOTTOM VALVE		LIGHT GLASS
	PNEUMATIC SAMPLING VALVE		VIEW GLASS
	BOURDON PRESSURE GAUGE		SPRAY BALL
	PRESSURE RELIEF VALVE		BUTTERFLY VALVE
			BACK PRESSURE CONTROL VALVE

	CHWR SUPPLY
	CHWR RETURN
	COOLING WATER SUPPLY
	COOLING WATER RETURN
	COMPRESSED AIR
	PURE STEAM
	PLANT STEAM
	CIP
	EXHAUST GAS
	BIOWASTE DRAIN
	DRAIN
	CONDENSATE DRAIN
	FINAL FILLING

FOR INFORMATION ONLY

Rev.	Date	Changed	Checked	Kind of revision	No. of prints	Date	Issued To
File name : _____							
Originated from Drg. No : _____							
Project:				Project No.:			
HLL BIOTECH LIMITED, INTEGRATED VACCINES COMPLEX.				120310			
Location				CHENGALPATTU			
Description:							
URS ANNEXURE - 3							
TRANSFER PHILOSOPHY FROM BLENDING VESSEL TO							
BUFFER VESSEL OF FILLING MACHINE							
Drawn	Date	Name		Drawn	Date	Name	
Checked	26.08.2013	PSUJH		Checked	26.08.2013	MXY	
Approved	26.08.2013	VAKKA		Approved	26.08.2013	VAKKA	
Scale: NTS	Units : mm	Size : A4		Scale: NTS	Units : mm	Size : A4	
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