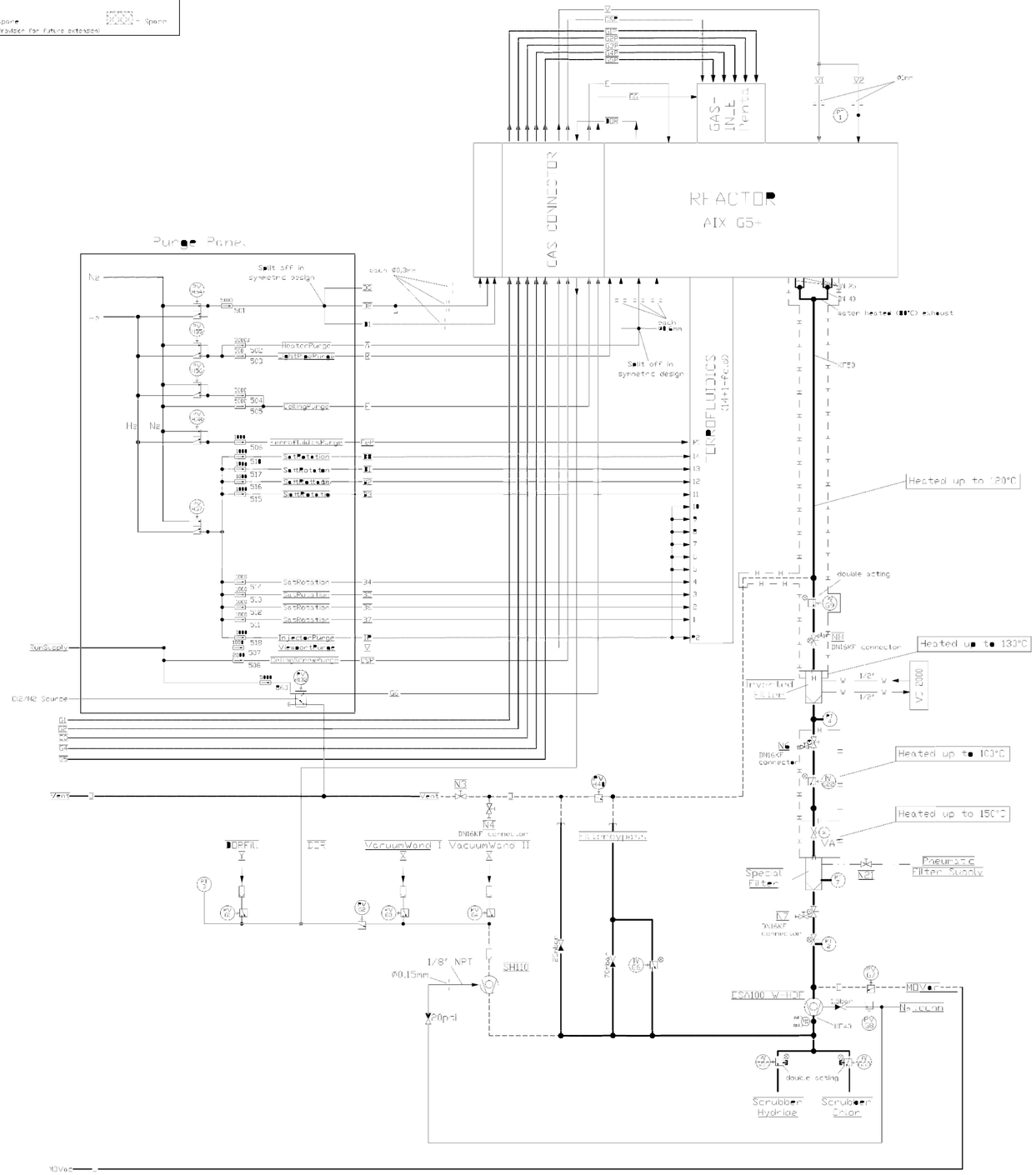
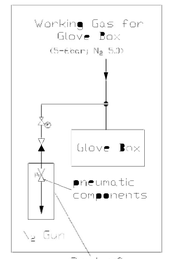
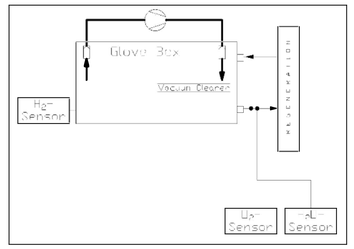
FIRST ANGLE PROJECTION

A Heater Purge	V Viewport Purge	Mass Flow Controller	Dry Pump
Rot Rotation Satellite	V1 Viewport Purge1	Check Valve	Express Outlet Pressure
B Bellow Purge	V2 Viewport Purge2	Manual Valve	Pressure Transducer
CSP CalixScrewPurge	W Working Gas	2/2 Way Valve no	Pneumatic Valve
C1 Collector Purge 1	X Vacuum Wand	2/2 Way Valve nc	Electric/Pneumatic Valve
C2 Collector Purge 2	Y MFC Refill (MFB)	Particle Filter	Throttle Valve / Contro. Valve
C3 Collector Purge 3	Z Elevator Refill	3/2 Way Valve	Ball Valve with integrated Leak Test Port
F Ceiling Purge	DER Double O-Ring		
FeP FerroFluidics Purge	High Vacuum Ball Valve		
FE Filter Purge	= 1/4"		
GS RunGas Supply	= 1/8"		
RunTop Penta	= 3/4"		
RunCenter Penta 4	= 3/8"		
RunCenter Penta 3	= KF 16		
RunCenter Penta 2	= KF 25		
RunBottom Penta	= KF 40		
IP Injector Purge	= KF 50		
Vent	= Heated line		
MD Vacuum	= Water lines		
Leaktest Port / Valve	= Spare (Provider for future extension)		
Light Pipe Purge			
Shutter Purge Int. Collector Purge 2			







All MFCs / PCs are Stec-VFC

Process Pump is water cooled

GloveBox Pump is PTS310

System is Laytec Ready for EpiCurveTT AR

AFF is integrated

N VCR gaskets in Cl_2 carrying lines.
- Cl_2 source unit incl. Into valve
- Cl_2 source line from (Cl_2 source to Extension Pane. and from Extension Panel to Gas-Inlet (G6)
- Run-Supply from Purge Panel to Extension Pane.
- Vent line from Extension Pane. up to interconnect to KF-tubing
- Cl_2 is locked to Vent
  => no Cl_2 or Vent
- Ni-VCR-gaskets connections are labelled with blue dot

No flex tubes allowed in Cl_2 carrying lines.

Index	Modification	DCN	Date	Name
0	Released	27.01.17		LRoe

FINISH	ISO 128	Scale	Material: Rev: 0	Title: Vacuumsystem + Purge Panel AIX G5+ (8 inch) Reference: M171
	A0	Date		
	Drawn by:	LP		Drawing number
Remove all sharp edges & burrs	Checked:		AIXTRON CONFIDENTIAL	Sheet 1
DO NOT SCALE	Standard:			1

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