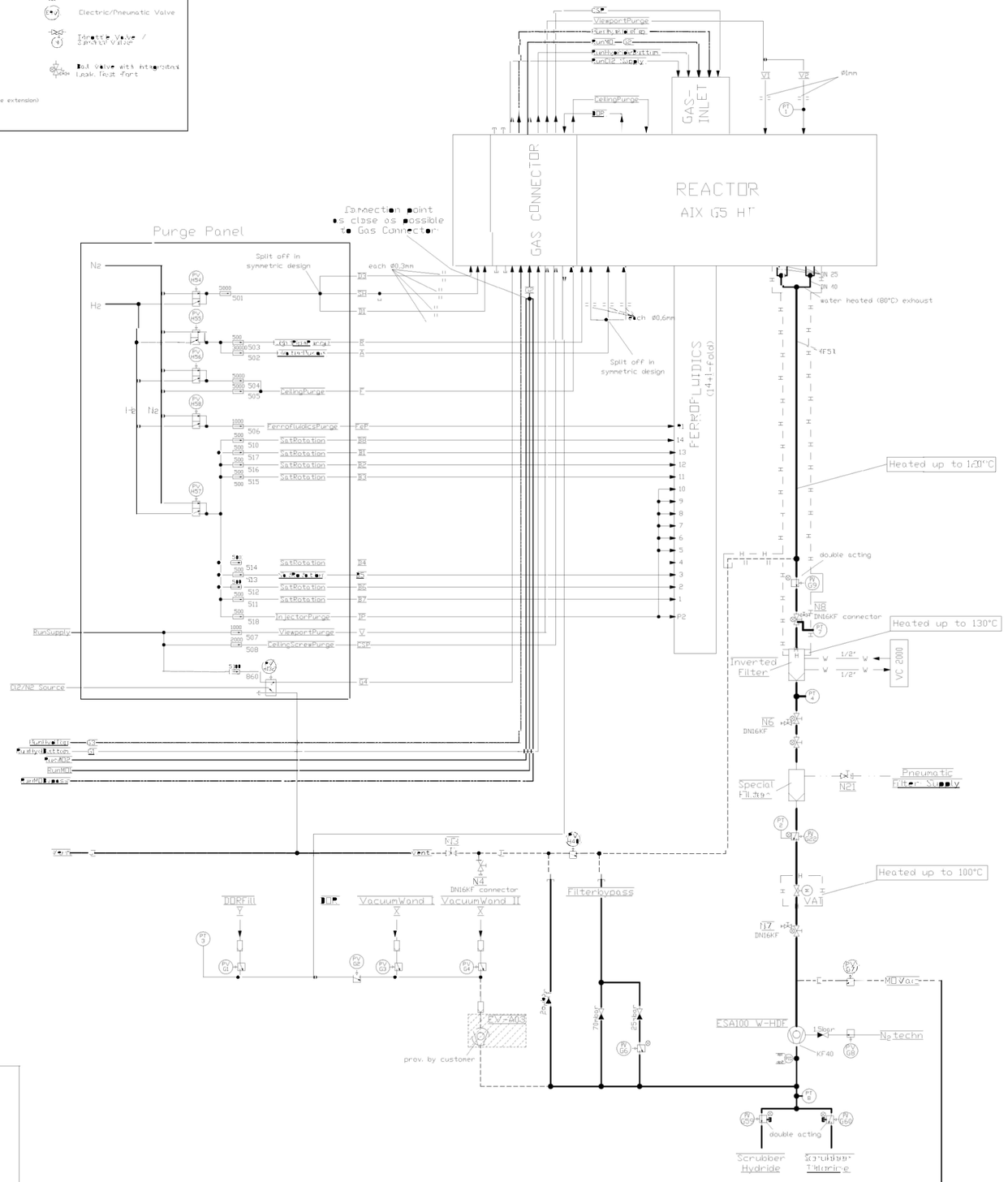
FIRST ANGLE PROJECTION

H Heater Purge	W Working Gas	Mass Flow Controller	Dry Pump
M Auto Run Satellite	V Vacuum Wand	Check Valve	Excess Outlet Pressure
BP Bellow Purge	Y DDR Refill (GB)	Manual Valve	Pressure Transducer
D1 Collector Purge 1	Z Elevator Refil	2/2 Way Valve no	Pneumatic Valve
D2 Collector Purge 2	DDR Double O-Ring	2/2 Way Valve nc	Electric/Pneumatic Valve
D3 Collector Purge 3	High Vacuum Ball Valve	Particle Filter	Throttle Valve / Orifice
P Ceiling Purge	= 1/4"	3/2 Way Valve	Ball Valve with integrated Leak Test Port
FeP FerroFluidics Purge	= 1/2"	Orifice	
FP Filter Purge	= 3/4"	= Spare (Provision for future extension)	
H Run Hydride Bottom	= 3/8"	= Space	
RH Run Hydride Top	= KF 16		
RC Run Cl2 Supply	= KF 25		
IP Injector Purge	= KF 40		
V Vent	= KF 50		
R Run MO	— H — = heated line		
RM MO-Vacuum			
N Leaktest Port / Valve			
F Light Pipe Purge			
SH Shutter Purge incl. Collector Purge 2			
W Viewport Purge			



All MFCs / PCs are Stec-MFC

Process Pump is water cooled

GloveBox Pump EV-A03 prov. by customer

EpiCurveTT AR (2nd wavelength 405nm) is integrated

AFF is integrated

All 1/2" and 1/4" pneumatic valves are from Fujikin

Ni- VCR- gaskets in Cl_2 carrying lines.

- Cl_2 source unit incl. Leto-valve
- Cl_2 source line from Cl2 source to Extension Panel and from Extension Panel to Gas-Inlet (G4)
- RunSupply from Purge Panel to Extension Panel
- Vent line from Extension Panel up to interconnect to KF-tubing
- O_2 is backed to Vent
  => no O_2 in Vent
- Ni-VCR-gaskets connections are labelled with blue dot

No flex tubes allowed in Cl_2 carrying lines.

Rev.	Release	Date	by
6	Released	28.11.16	LRoe
5	Released	20.09.16	LRoe
4	Released	06.09.16	LRoe
3	Released	15.08.16	LI
2	Released	20.07.16	LI
1	Released	03.06.16	LRoe

Index	Modification	DCN	Date	Name
6	N7 moved		Drawn:	28.11.16 LRoe
	Remark added		Design:	28.11.16 LRoe
	Cv in FilterBypass added, remove tubes		Check:	28.11.16 LRoe
			Standard:	28.11.16 LRoe

FINISH	ISO 128	Material: Raw	Title: Vacuumsystem + Purge AIX G5 HT (8"-15mm) MOVac
	A0	Date / None	
	Drawn by: LI 03.16		Drawing number
	Checked:		Sheet 1 / 1
DO NOT SCALE	Standard:		

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