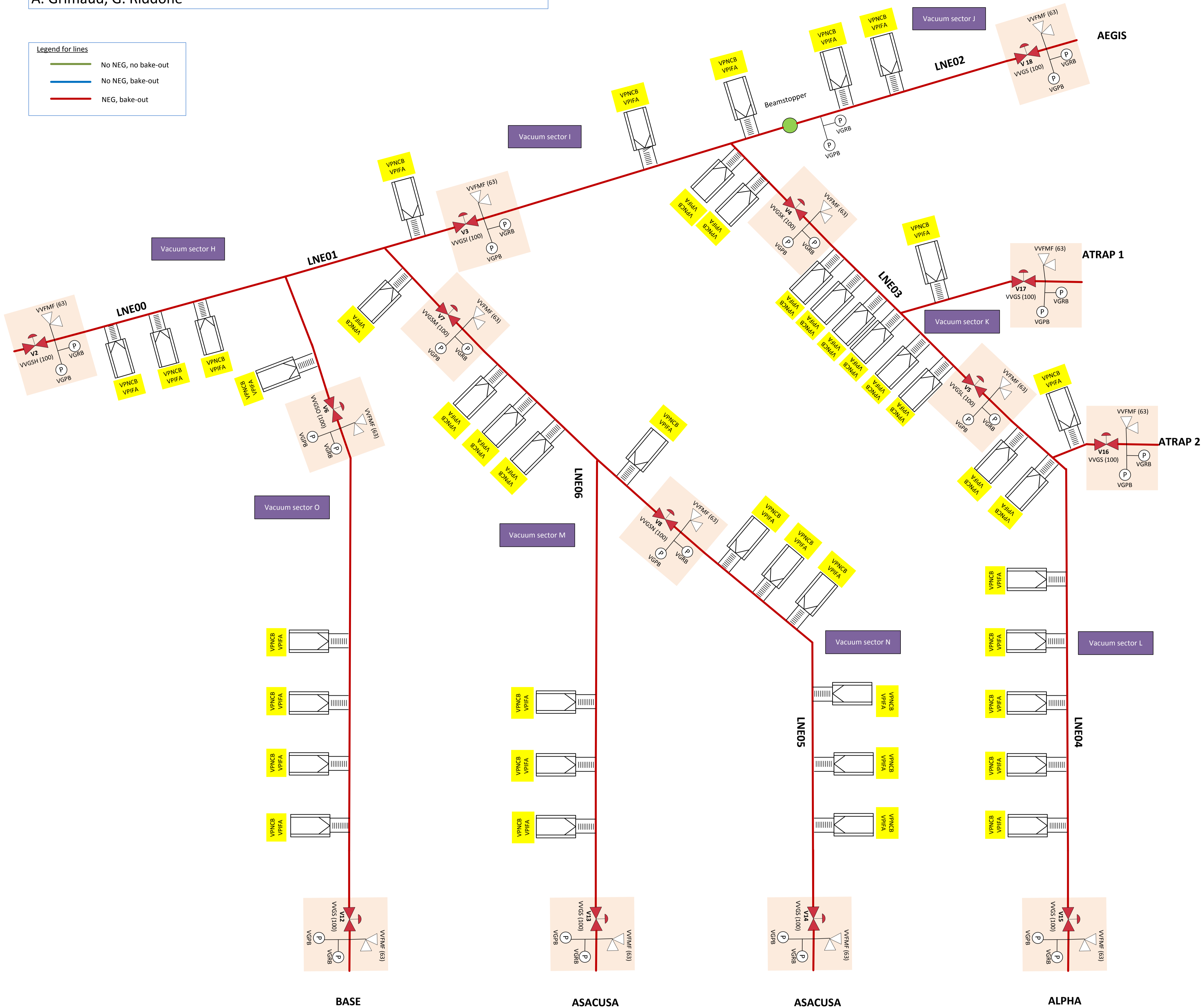
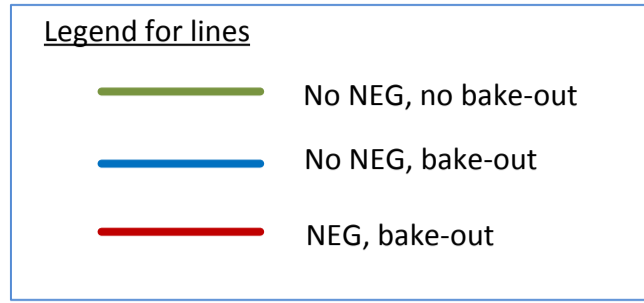


ELENA P&ID for LNE00 to LNE07

VERSION: 26-08-2015

A. Grimaud, G. Riddone



Naming

Nextorr
 VPNCx (D500) + VPIFA VPNCB (D1000)+VPIFA
 VPNCx (D2000) + VPIFA VPNCA Capacitor

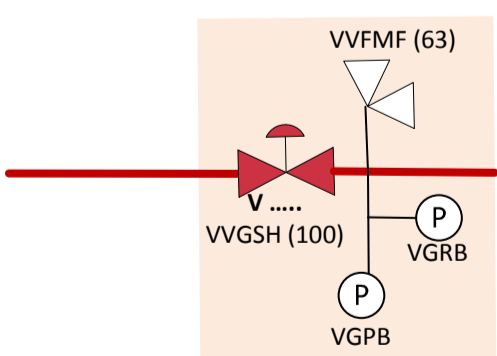
Ion pumps
 VPIZX (starcell 300) VPIZX (starcell 500)

Gauges
 VGRB VGPB VGIA

Gate valves
 VVGSF (63) VVGSF (100)
 VVFMF (63) VVFMF (100) VVFCB (16)

Pumping group
 VPxxx (fixed)

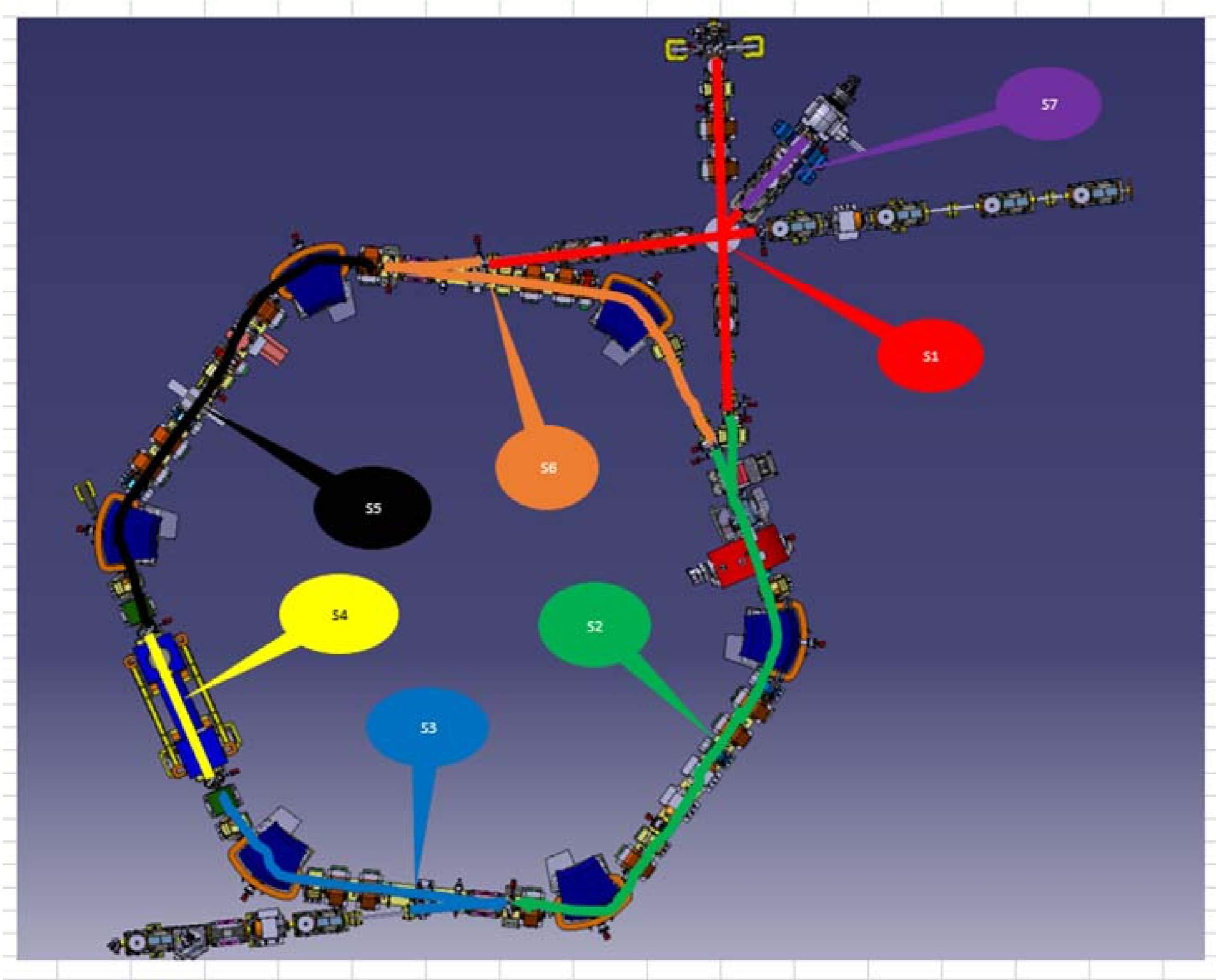
Vacuum gate assembly with angle valve and pressure gauges



Reference :
 ELENA Transfer Line Layout – V.2.0,
 Presentation IIC meeting 30/07/2015

NEXTORR pumps
 (1 pump per BPM +
 1 pump per ZDSHR and ZDSV/FV)

- Vac. Sector H: 4 BPM, 2 ZDS
- Vac. Sector I: 3 BPM, 1 ZDS
- Vac. Sector J: 1 BPM, 1 ZDS
- Vac. Sector K: 6 BPM, 1 ZDS
- Vac. Sector L: 6 BPM, 2 ZDS
- Vac. Sector M: 6 BPM, 1 ZDS
- Vac. Sector N: 5 BPM, 1 ZDS
- Vac. Sector O: 3 BPM, 1 ZDS



Nom secteur	Longeur secteur (mm)
S1	9740
S2	11263
S3	6474
S4	2415
S5	7611
S6	7441
S7	1550