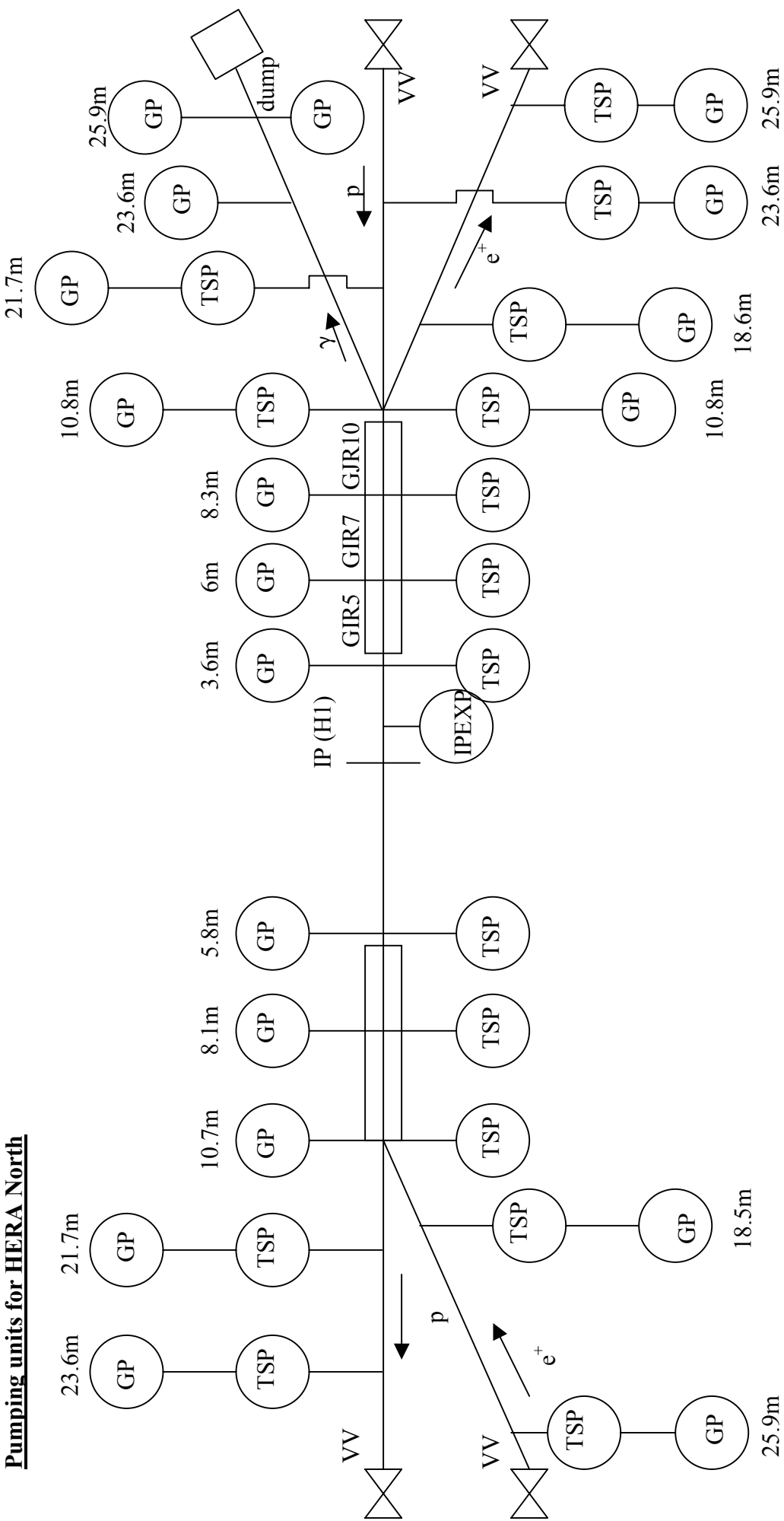


Pumping units for HERA North



Positioning of pumping units IP region (H1 experiment), GP – Getter pump, TSP – Titan sublimation pump, VV – Valve

Voltage for Getter pumps

Pump	Voltage [kV]		Current [nA]	
	02.11.03	07.01.04	02.11.03	07.01.04 (w.b.)
GPNL25.9	4.7	4.7	< 10	20
GPNL23.6	5.0	5.1	< 10	< 10
GPNL21.7	4.7	4.7	< 10	< 10
GPNL18.5	5.0	5.1	< 10	< 10
GPNL10.7	Off	4.9	-	< 10
GPNL8.1	4.6	4.7	< 10	< 10
GPNL5.8	4.6	4.7	< 10	< 10
GPIPEXP	8.0	4.7	1500 (n.b.); 100 (w.b.)	80
GPNR3.6	4.4	4.4	200	150
GPNR6.0	4.4	4.6	100	80
GPNR8.3	5.5	5.3	90	200
GPNR10.8	4.7	4.6	20	40
GPNR18.6	4.8	4.9	15	200
GPNR21.1	4.5	4.5	< 10	< 10
GPNR23.6	4.8	4.8	< 10	< 10
GPNR25.9	4.7	4.6	400	1000

n.b. – no beam

w.b. – with beam