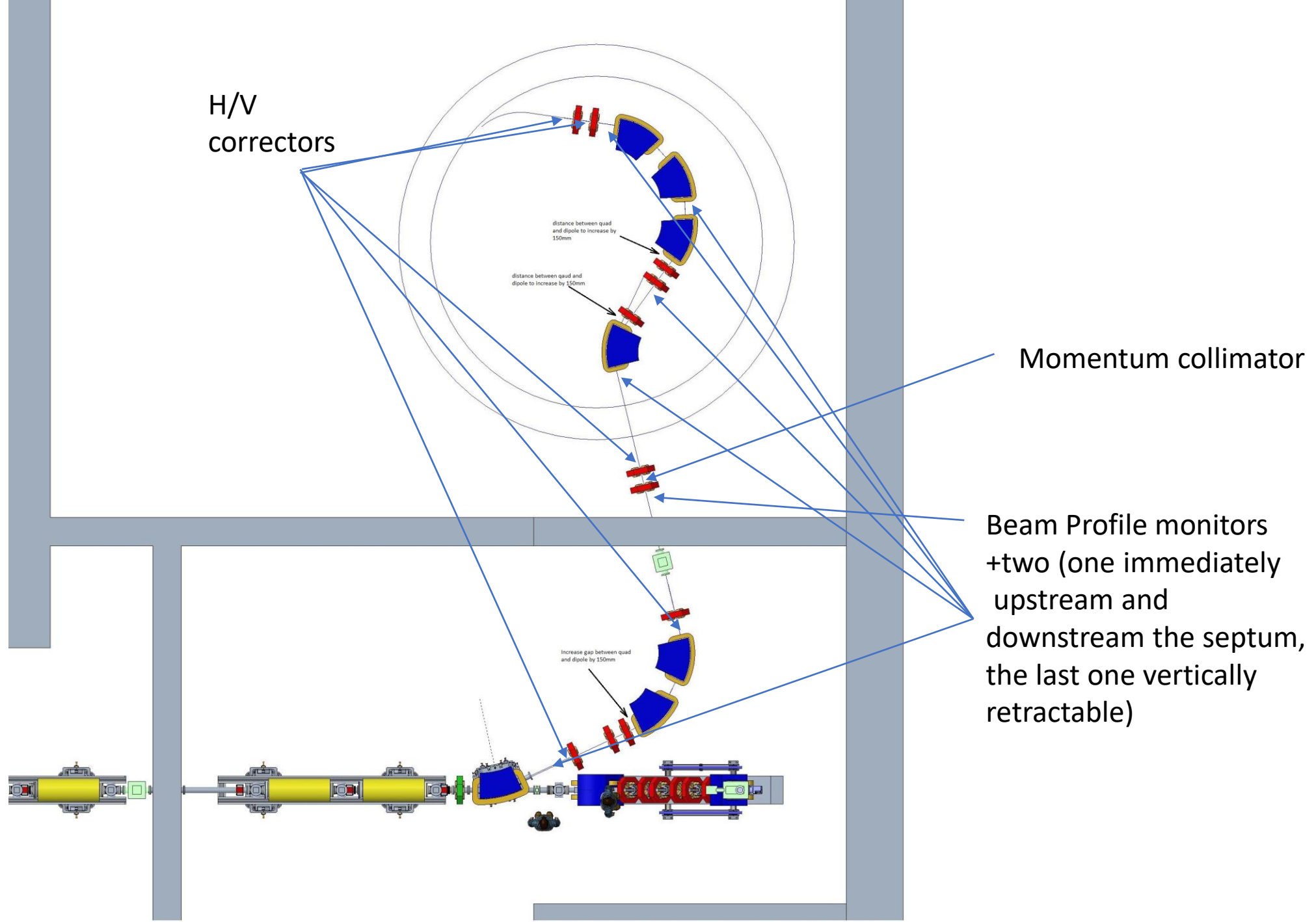


Update, injection line + FFA

13/02/2024

J.Pasternak, IC/ISIS-RAL



Assumptions for gap calculations

- Alignment precision 0.2mm
- $dB/B \sim 2 * 10^{-4}$
- 2 sigma beam envelopes
- Vacuum chamber thickness 1.5cm
- Trim coils layers 2cm
- No mismatch – perfect k and perfect matching
- **Result so far: ~9.5cm total**