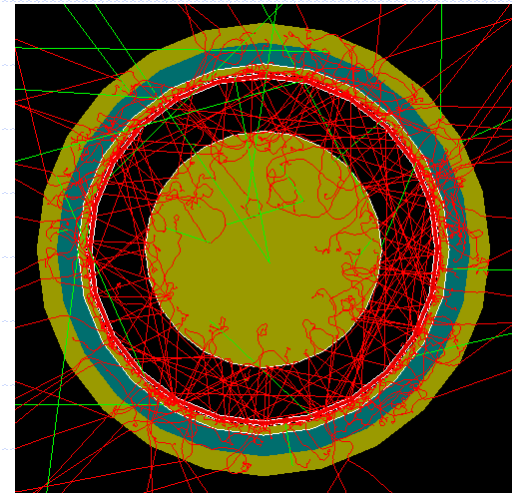
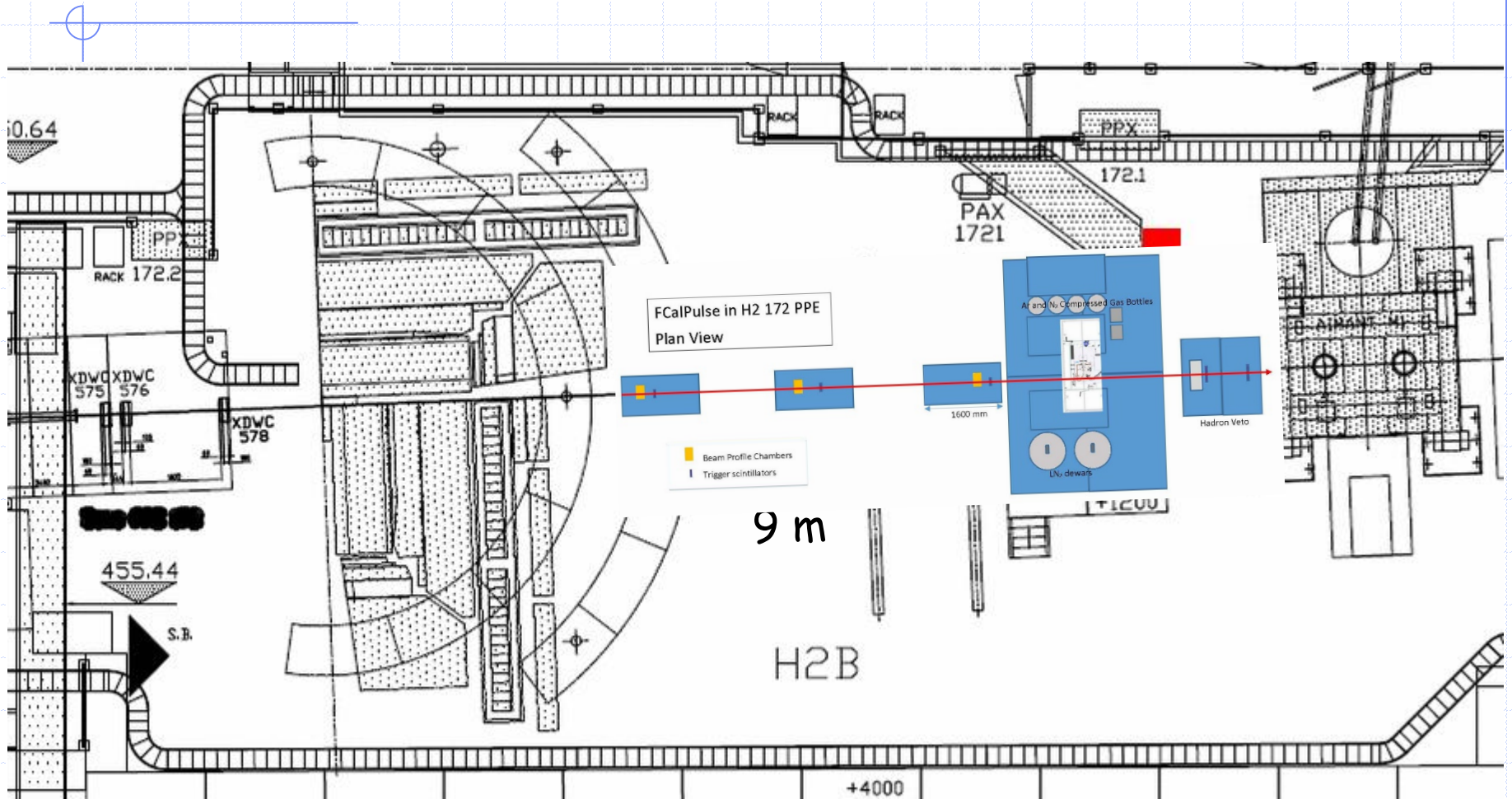


ATLAS FCalPulse Layout in H2 zone

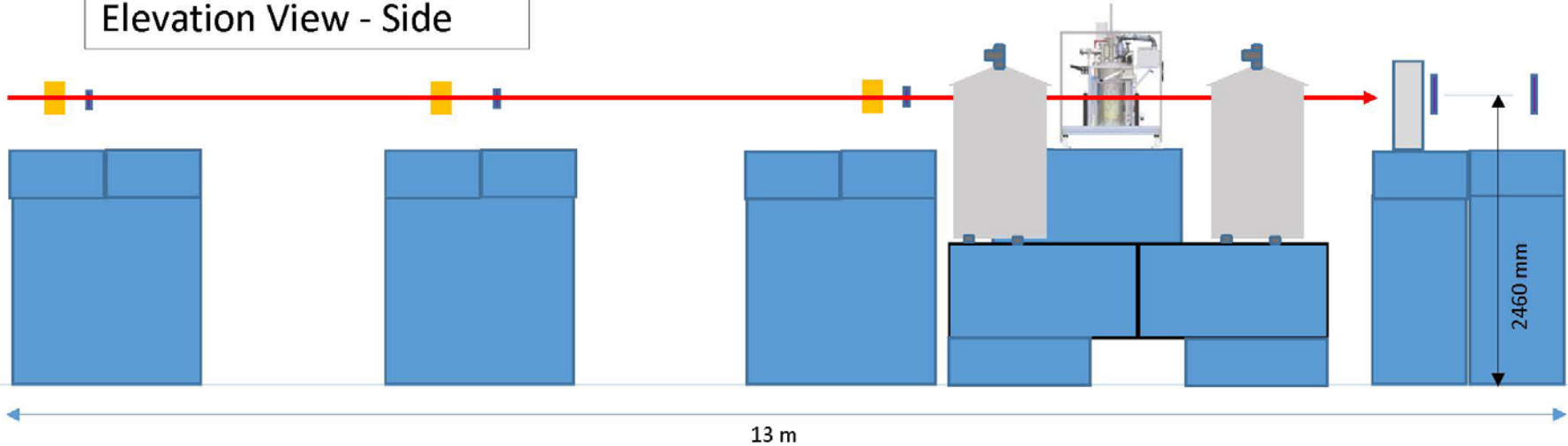
J.Rutherford
8 Jul 2021



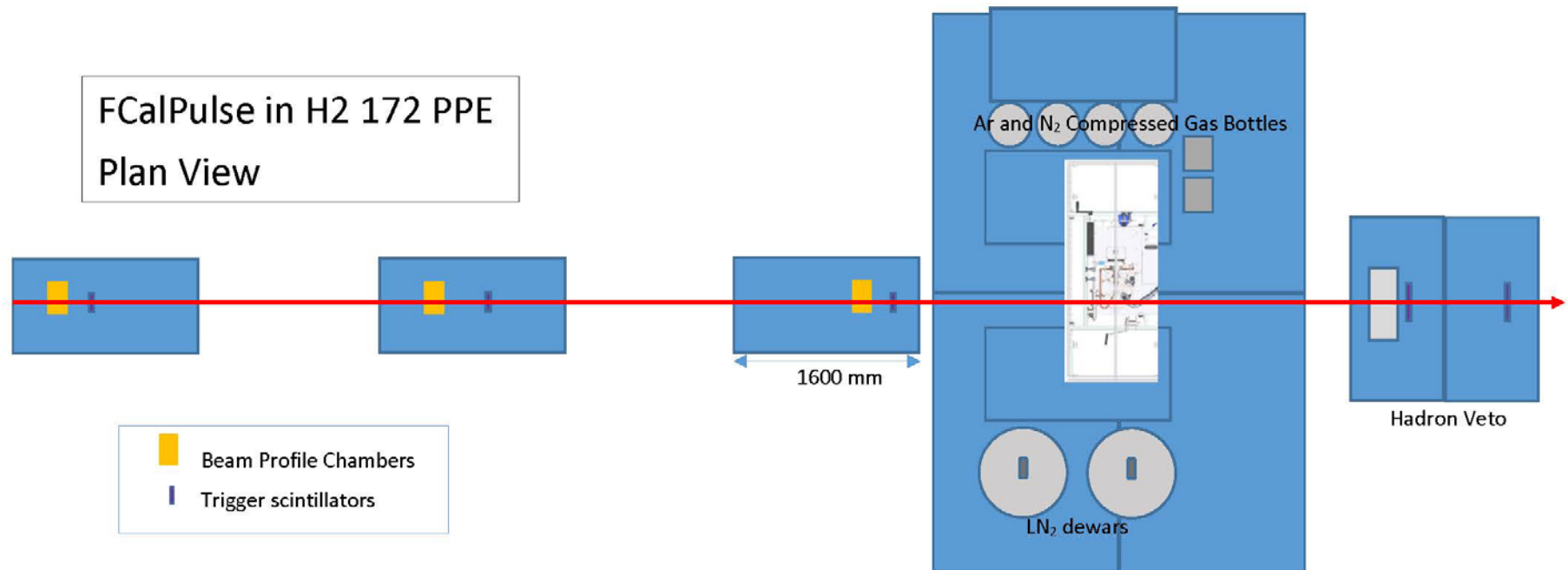
FCalPulse in H2 zone PPE 172



FCalPulse in H2 172 PPE
Elevation View - Side

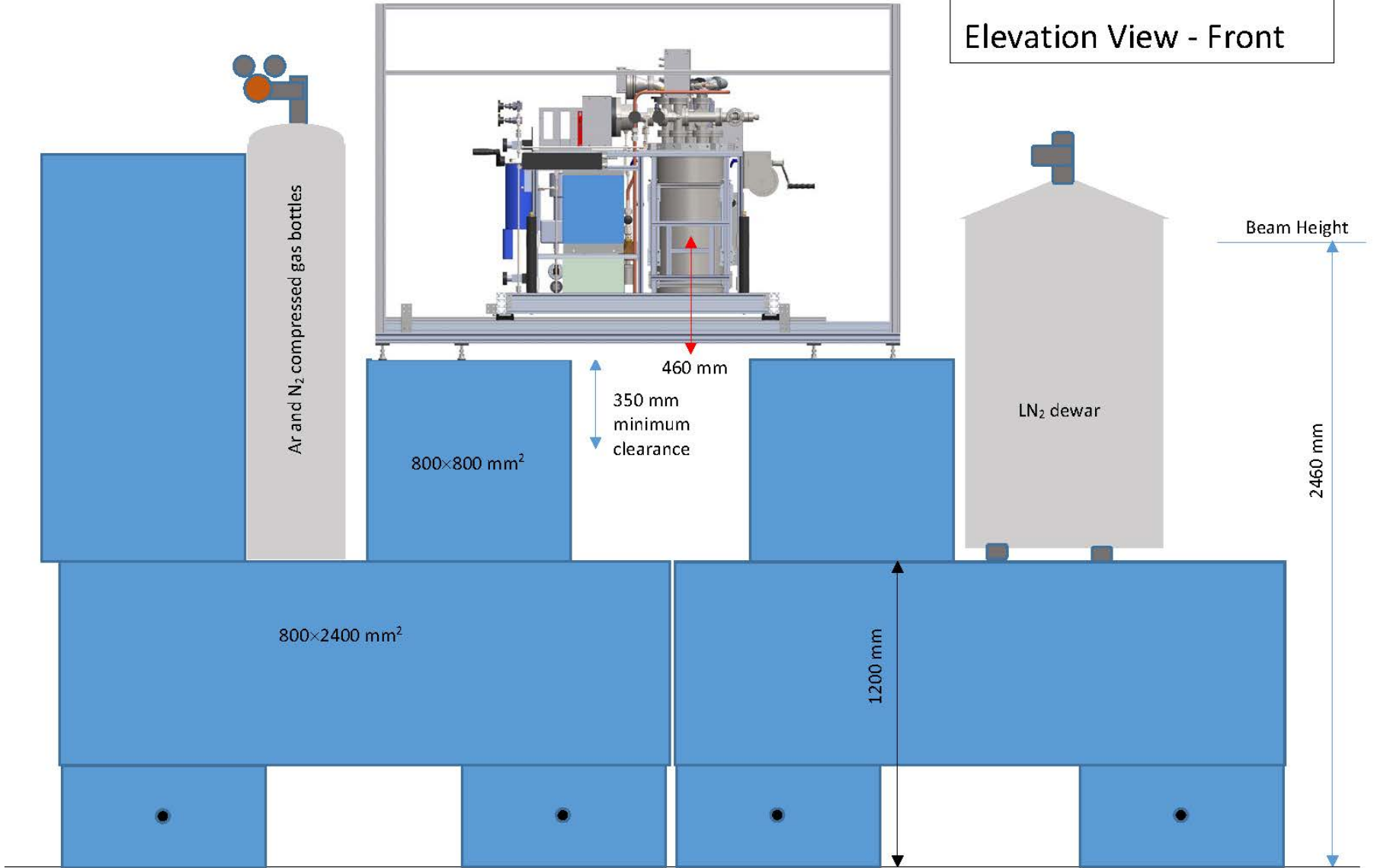


FCalPulse in H2 172 PPE
Plan View



- Beam Profile Chambers
- Trigger scintillators

FcalPulse in H2 172 PPE
Elevation View - Front



Patch Panel

Electronics

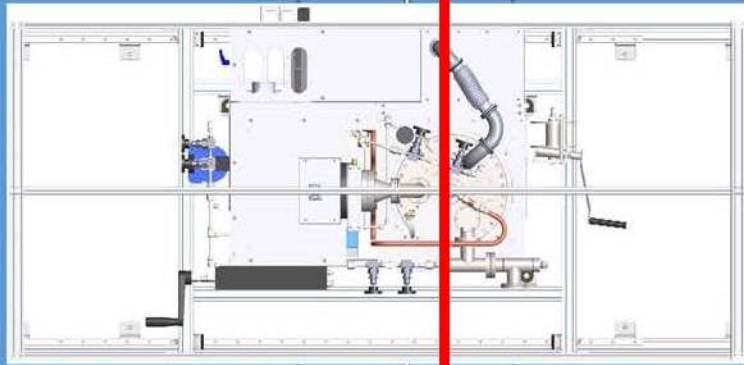
Racks

Ar and N₂ compressed gas bottles

Stand-by

In use

LN₂ dewars



The cryostat can has been made semi-transparent in this drawing to show the cooling loops and brass shielding inside. This shielding is to cut down on the Sr-90 radiation.

Exposure at 1 m is expected to be approximately at the natural background level.

Cryostat temperature regulation is via gas pressure, so immune to power outages.

