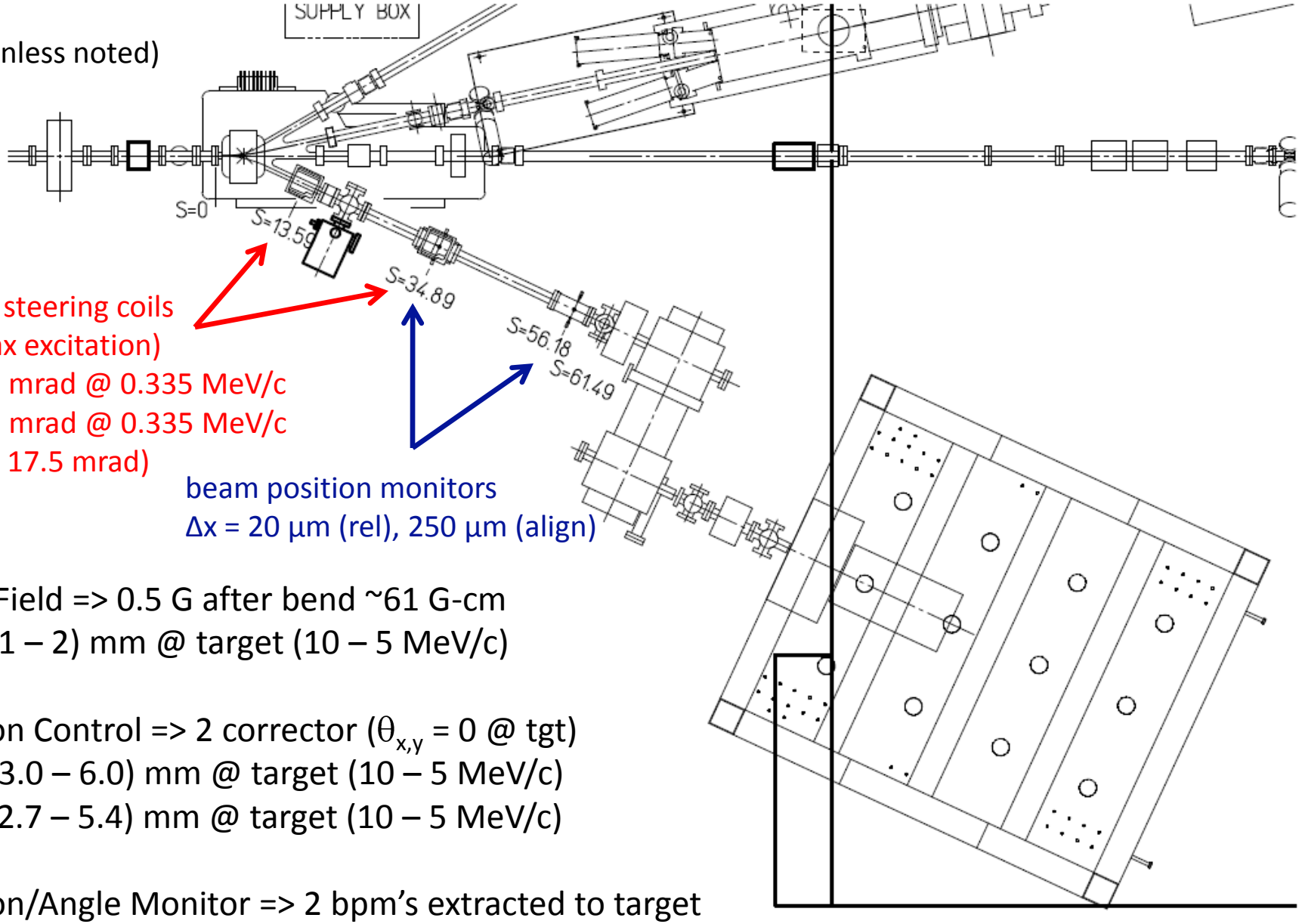
(inches unless noted)



air-core steering coils
(typ. max excitation)
θ_x = 165 mrad @ 0.335 MeV/c
θ_y = 145 mrad @ 0.335 MeV/c
(1 deg = 17.5 mrad)

beam position monitors
Δx = 20 μm (rel), 250 μm (align)

Earth Field => 0.5 G after bend ~61 G-cm
X = + (1 – 2) mm @ target (10 – 5 MeV/c)

Position Control => 2 corrector ($\theta_{x,y}$ = 0 @ tgt)
X = ± (3.0 – 6.0) mm @ target (10 – 5 MeV/c)
Y = ± (2.7 – 5.4) mm @ target (10 – 5 MeV/c)

Position/Angle Monitor => 2 bpm's extracted to target
Δx, Δy = 27 μm (relative) or 338 μm (absolute)
Δx', Δy' = 0.05 mrad (relative) or 0.62 mrad (absolute)

Final layout => 10% better control