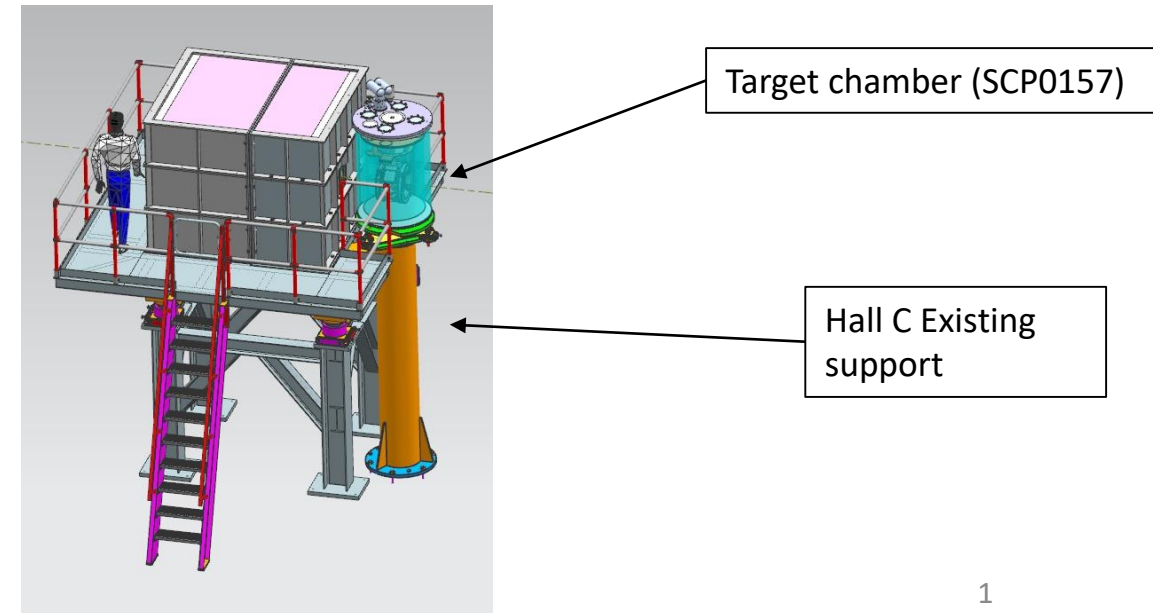
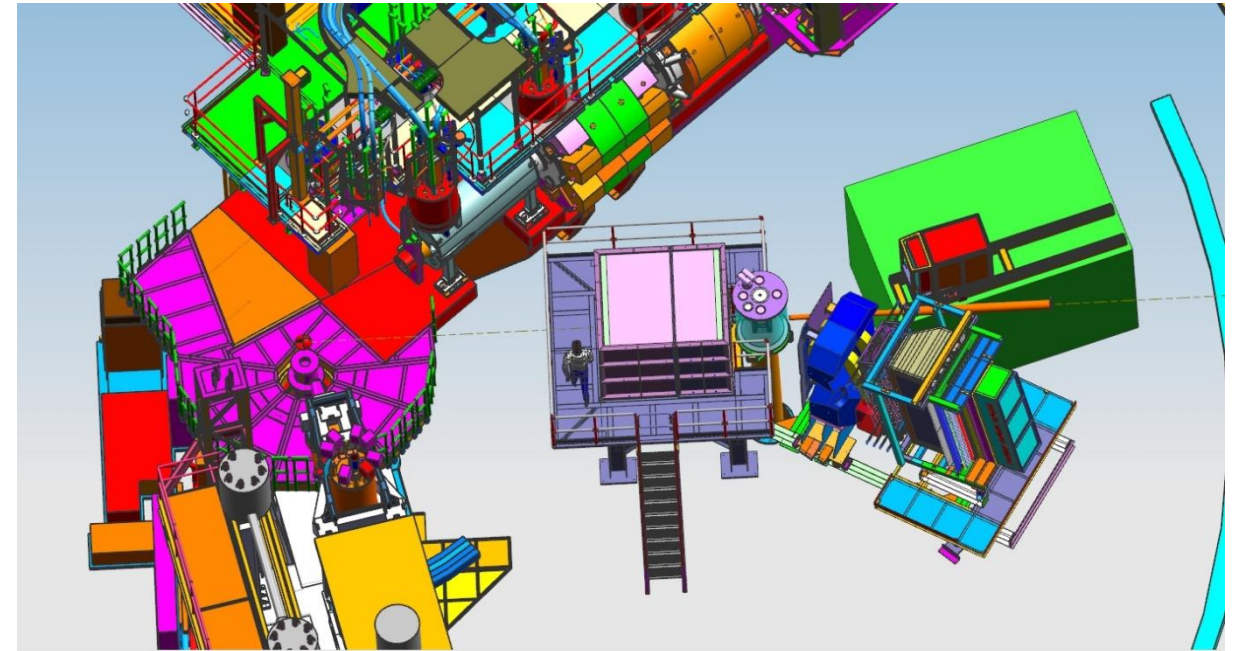
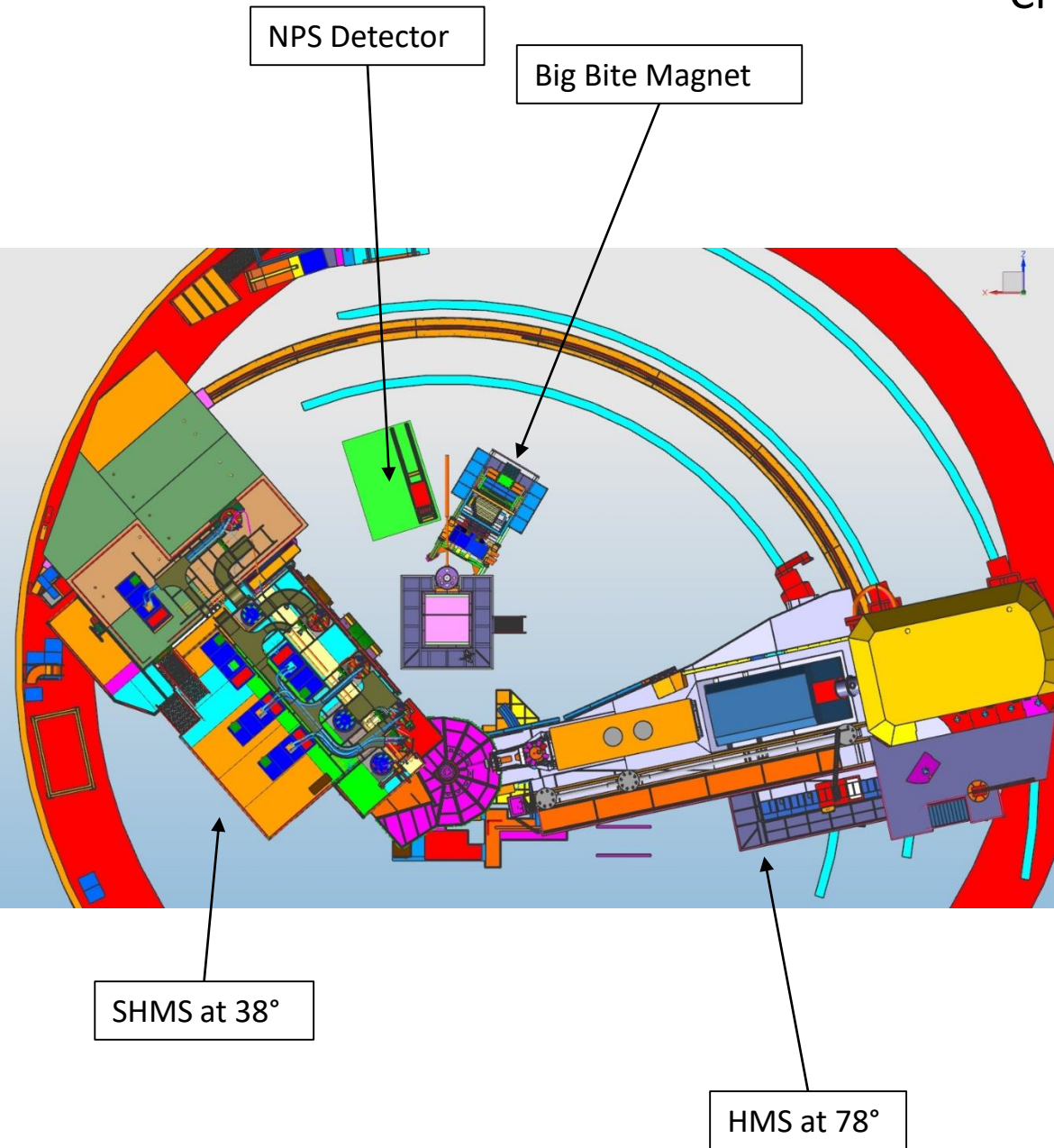
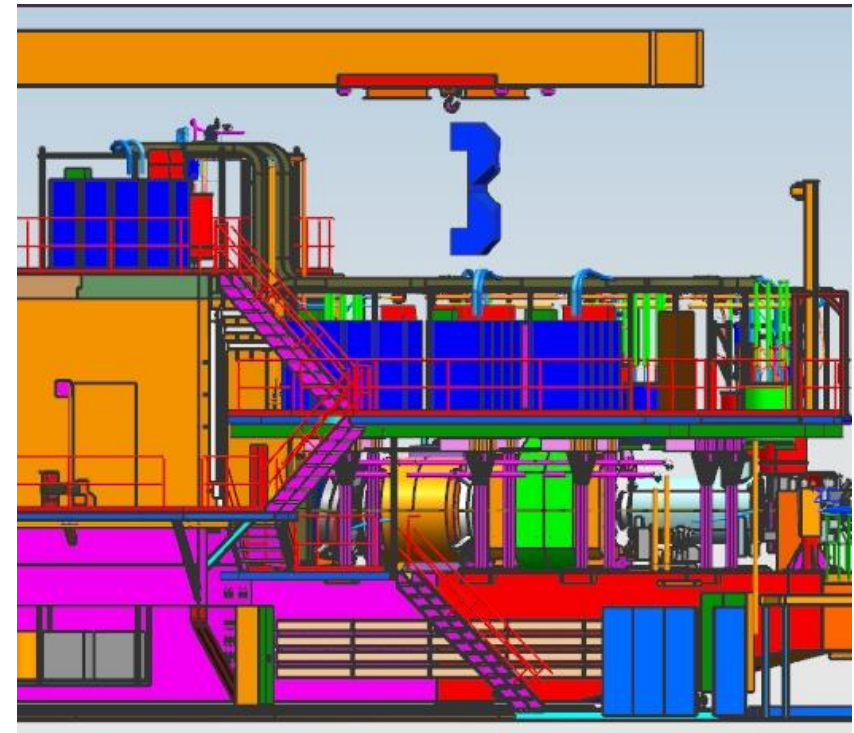


CPS in Hall C

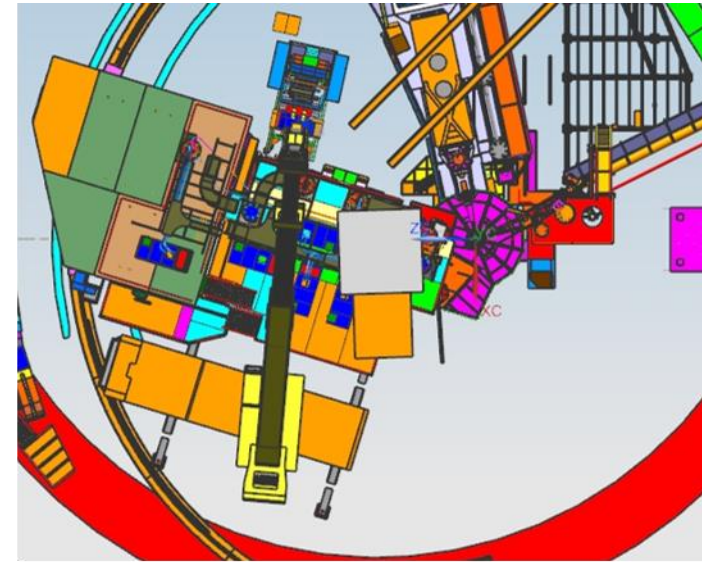


Getting Big Bite Magnet over SHMS

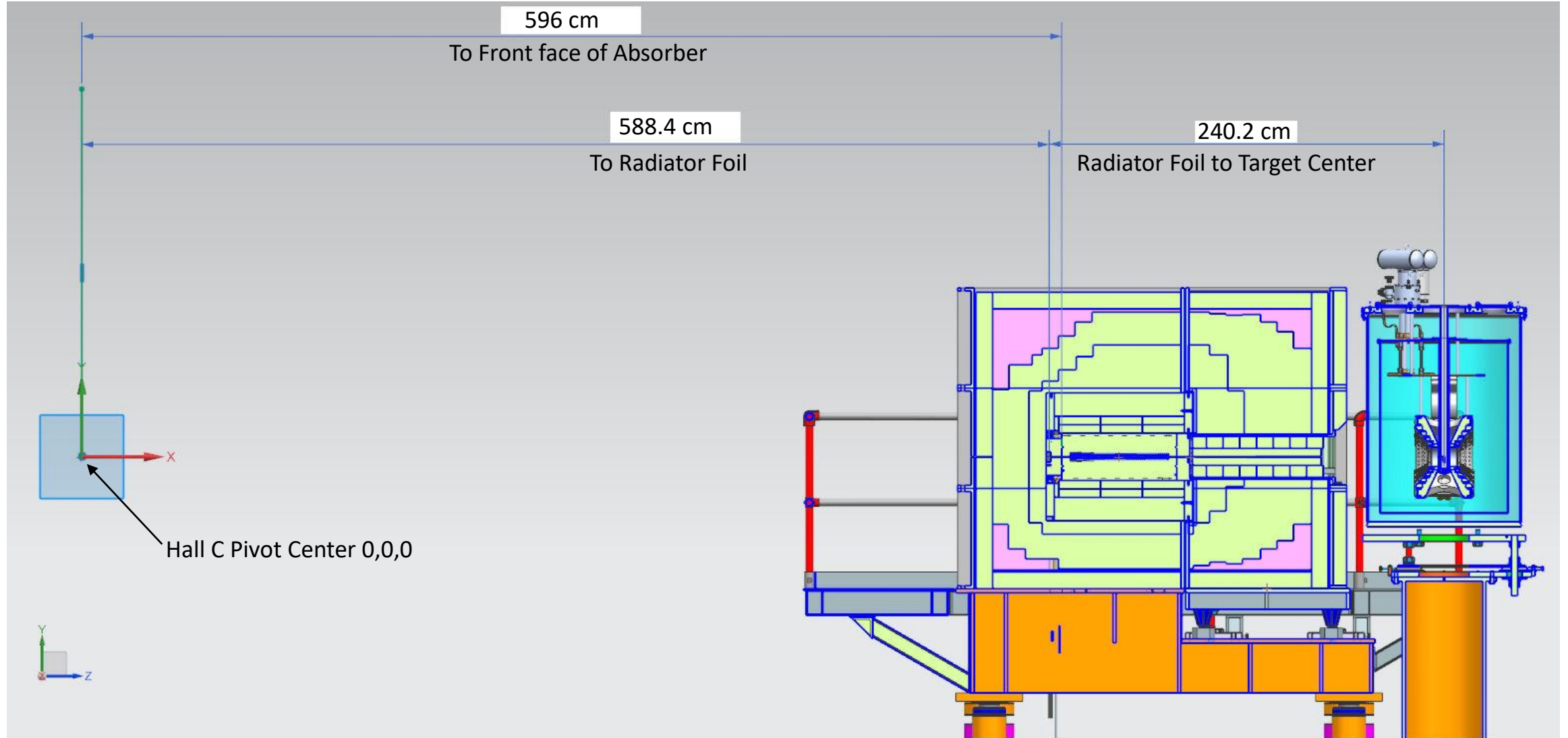
Big Bite Magnet can be disassembled and lifted over the SHMS with Hall C standard crane



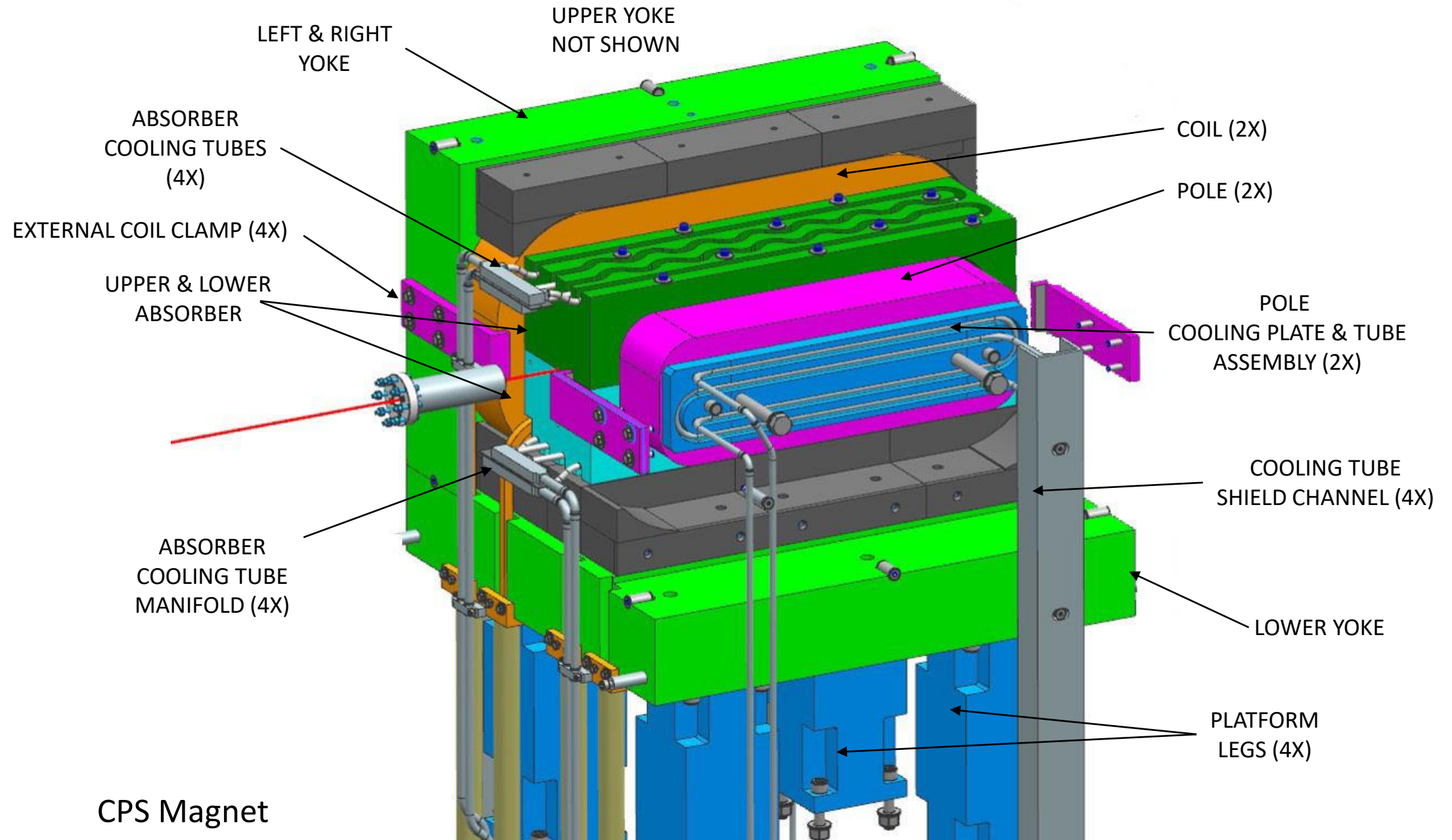
Optional for Big Bite Magnet to be lifted with a mobile crane



CPS Magnet Distances

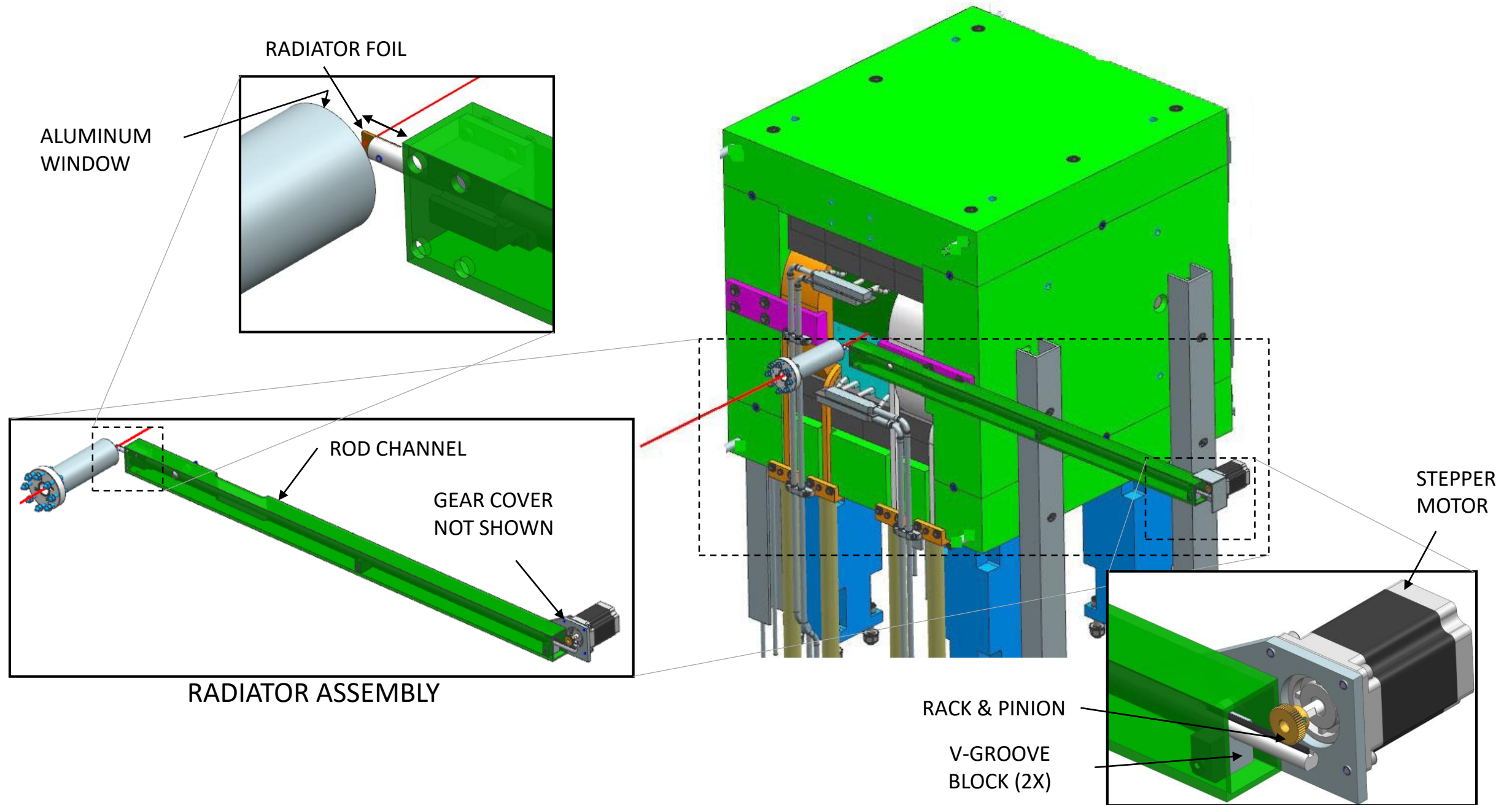


CPS in Hall C

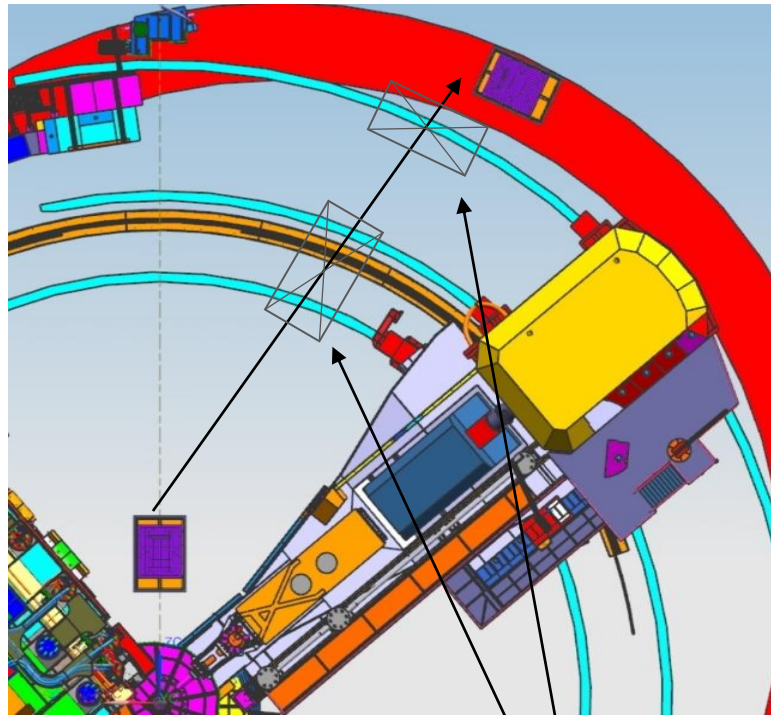


CPS Magnet

CPS in Hall C

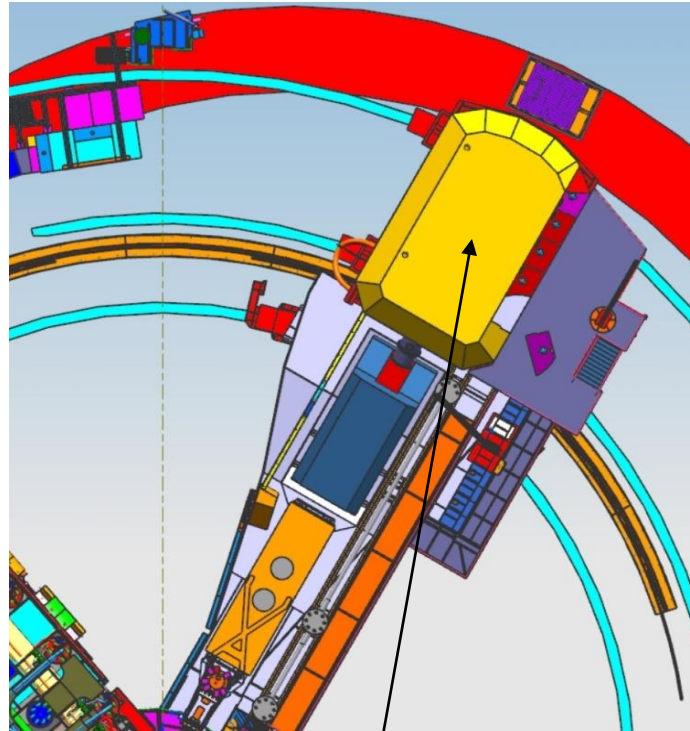


CPS Storage Location in Hall C

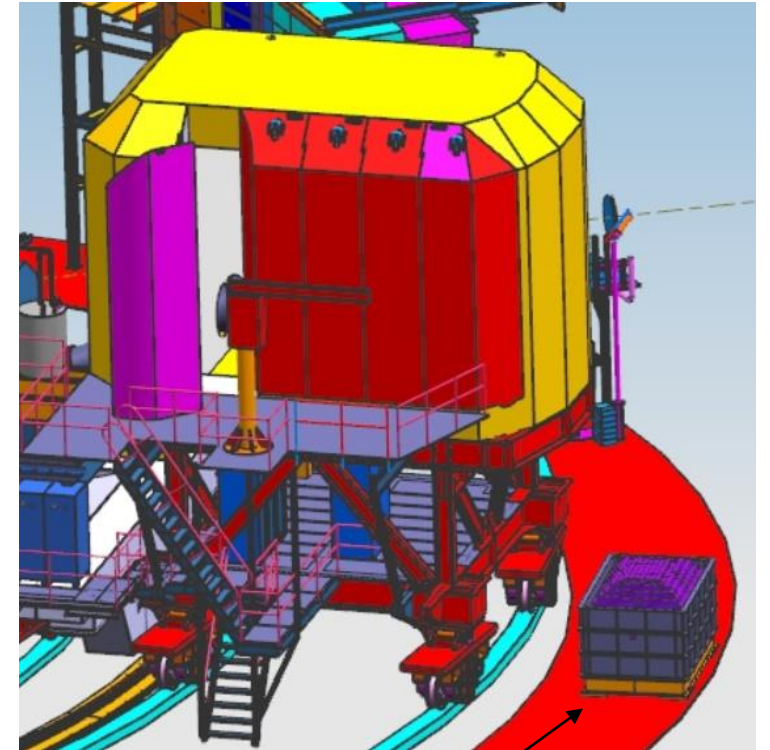


CPS moving to
storage location

Ramps to go over SHMS, HMS rails

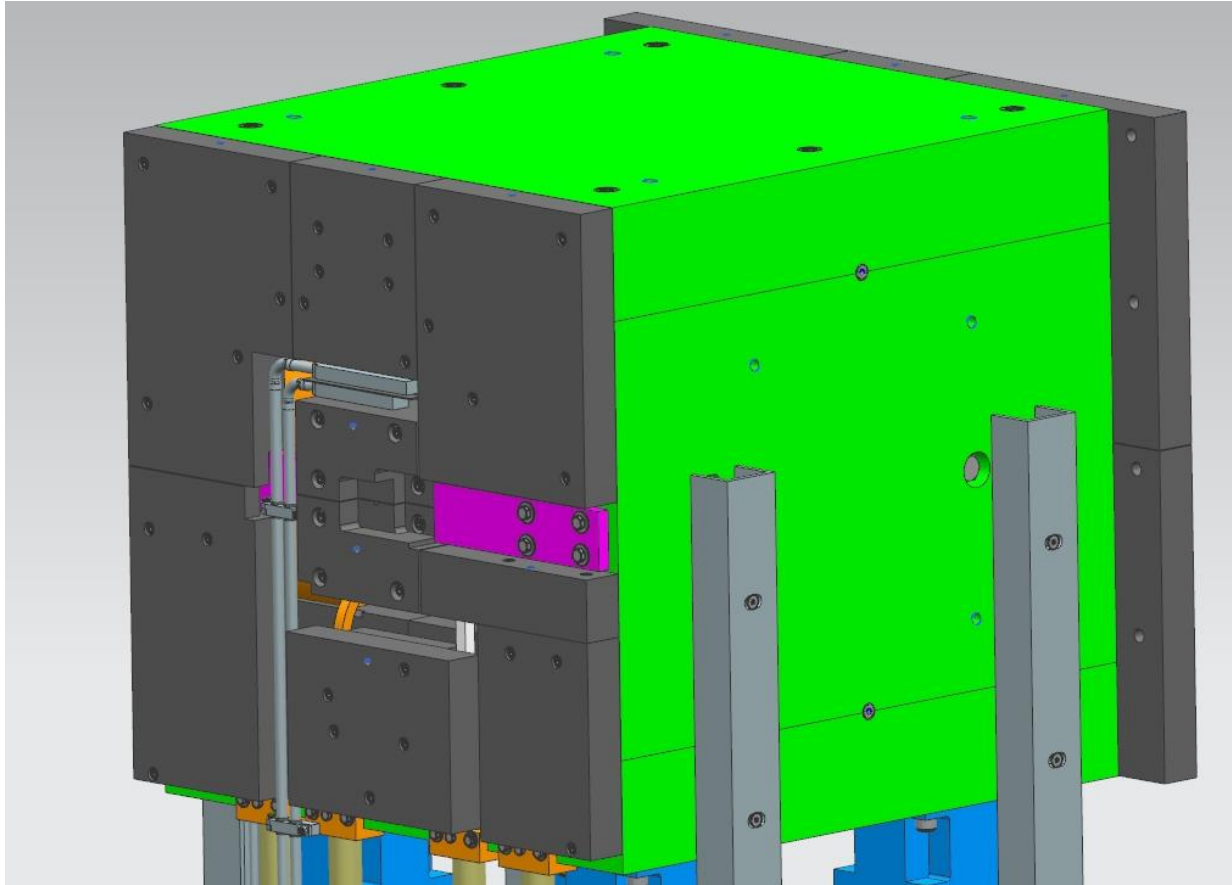


HMS shown at 30
degrees CPS in back

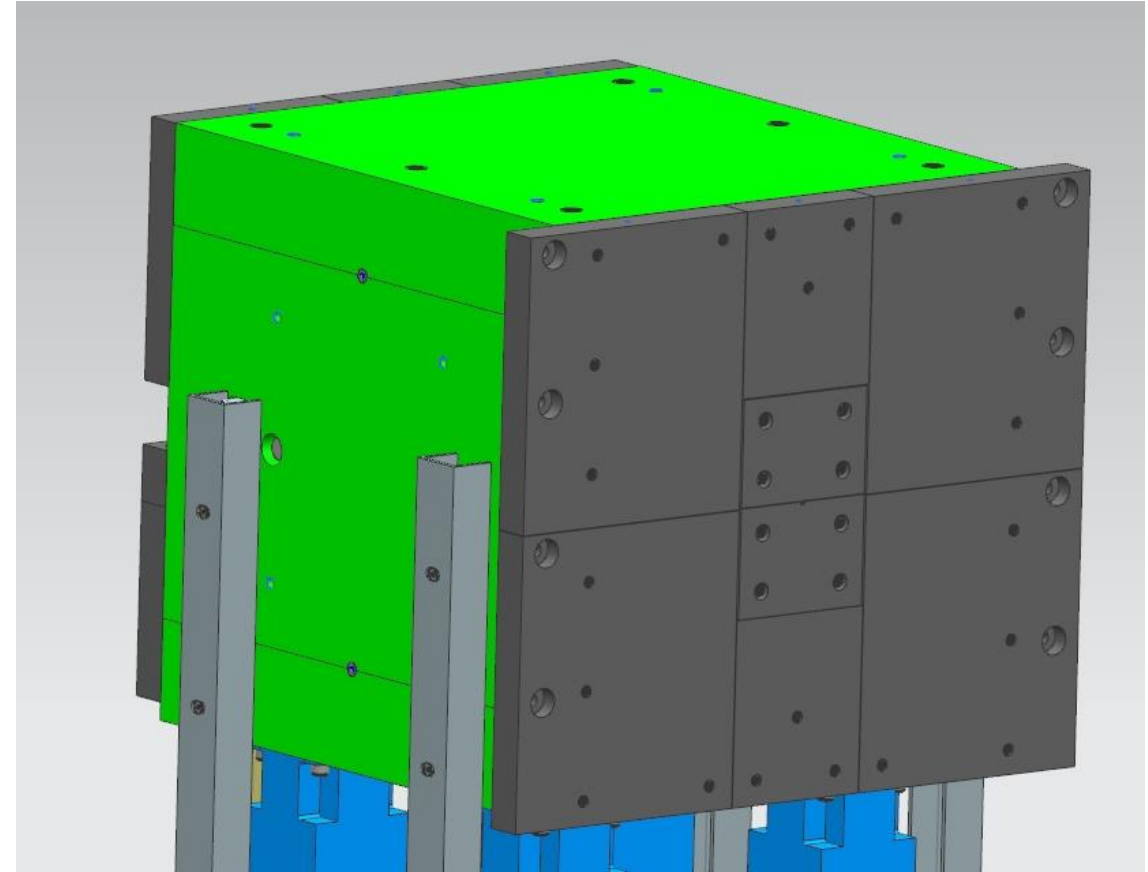


CPS in Storage Location

Tungsten Copper (80/20) 2" shielding added to magnet (Dark Gray)

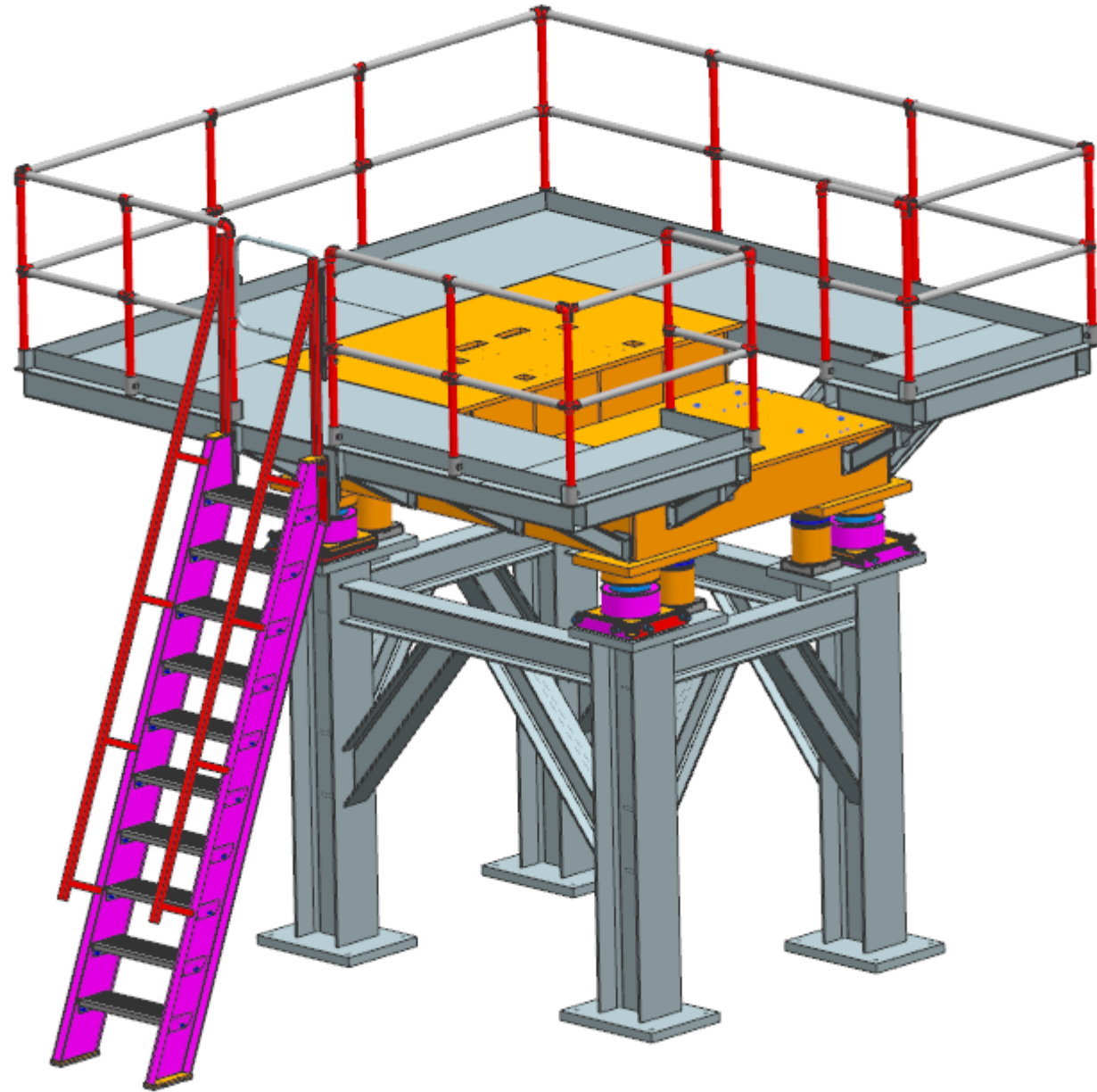


Upstream

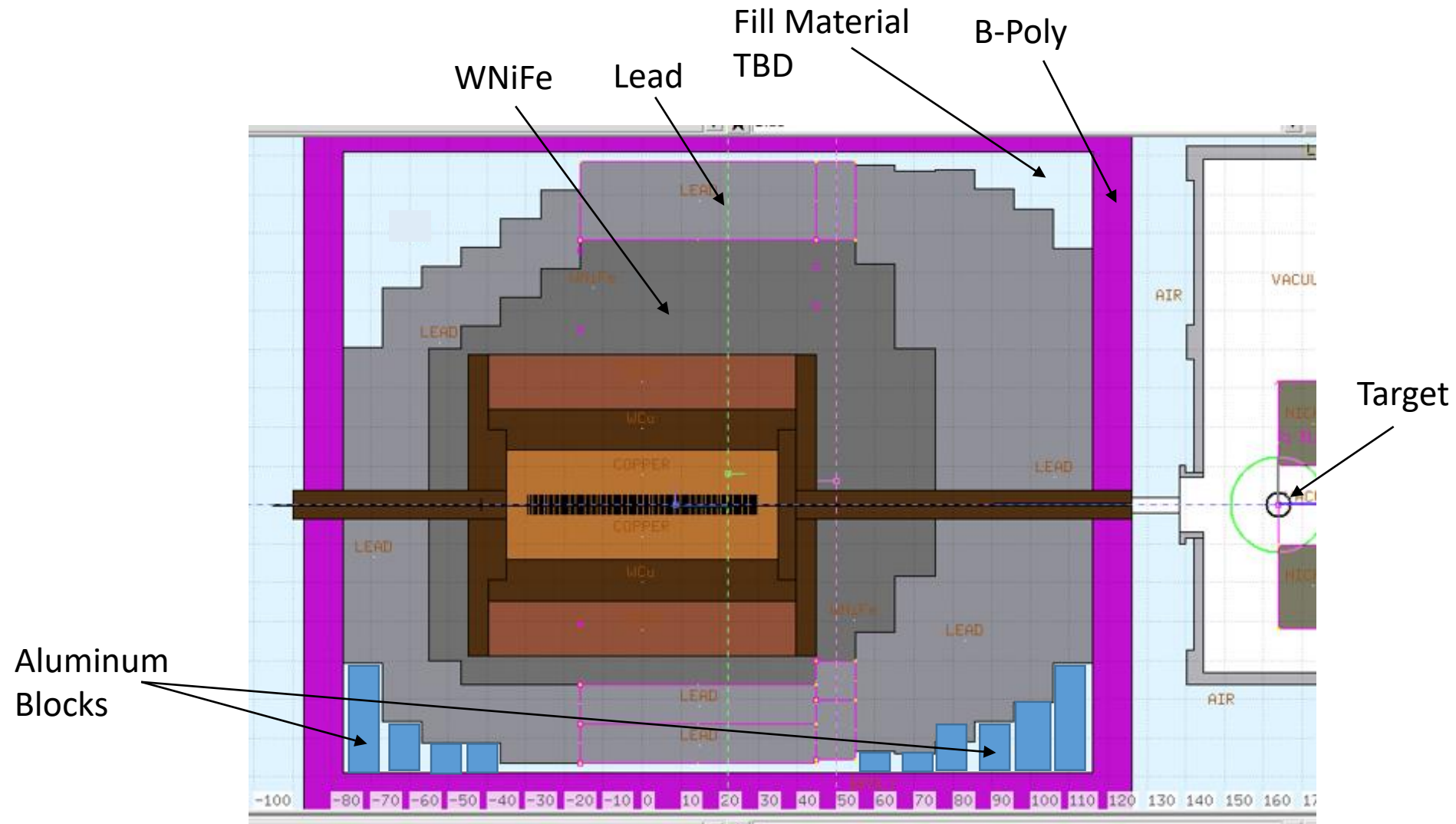


Downstream

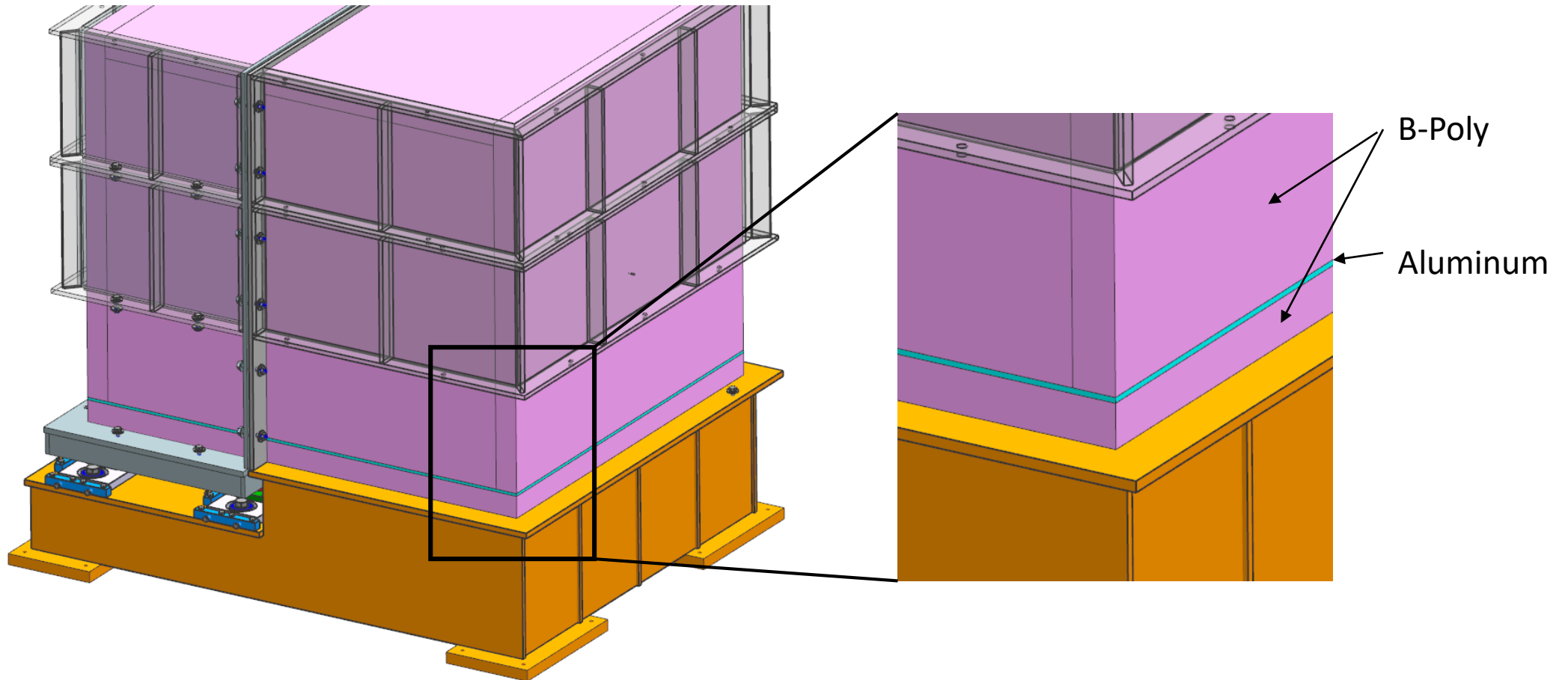
CPS shielding platform assembly

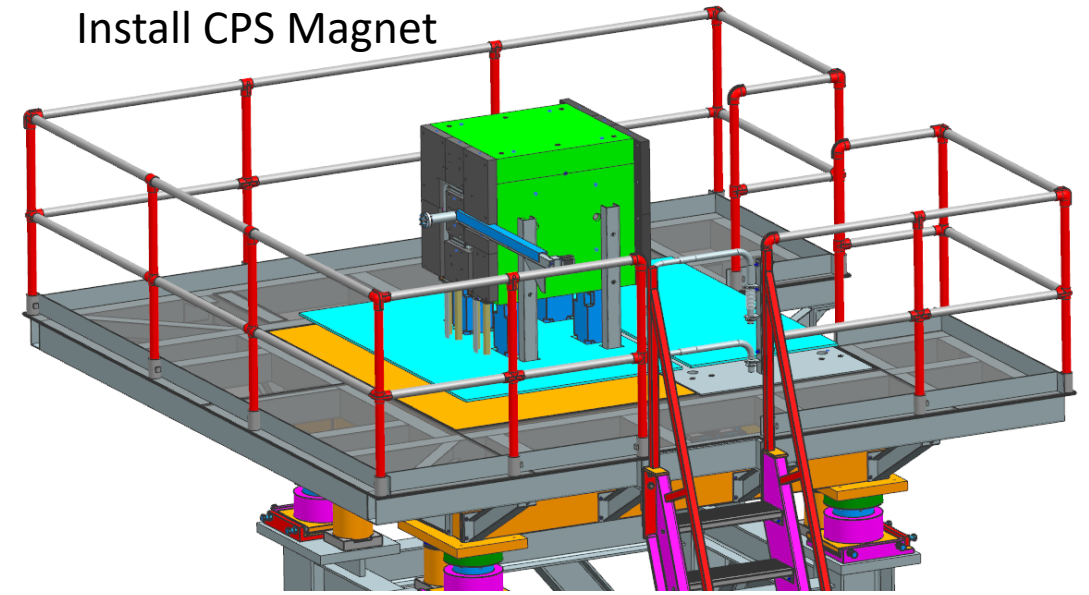
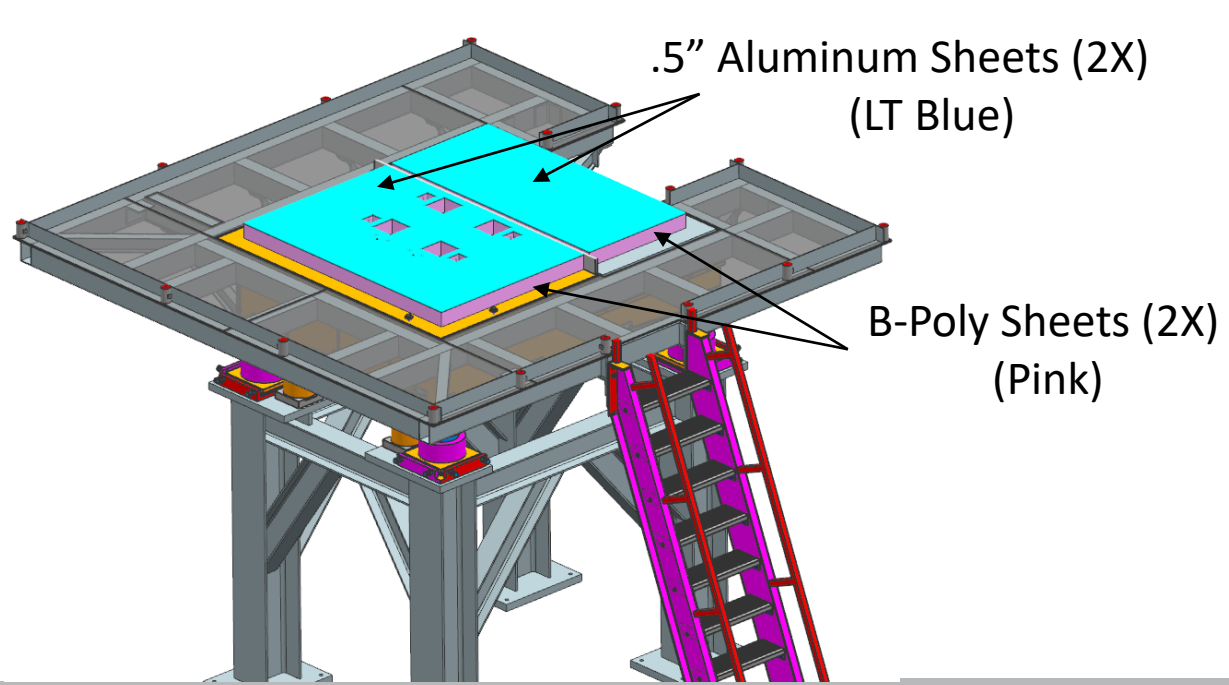


Side cross section of CPS shielding

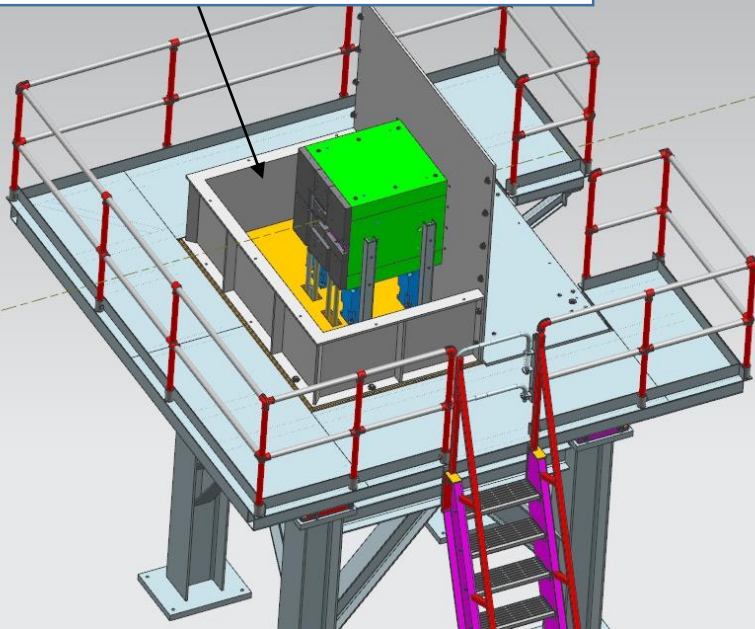


B-Poly Sheet with .5" Aluminum sheet

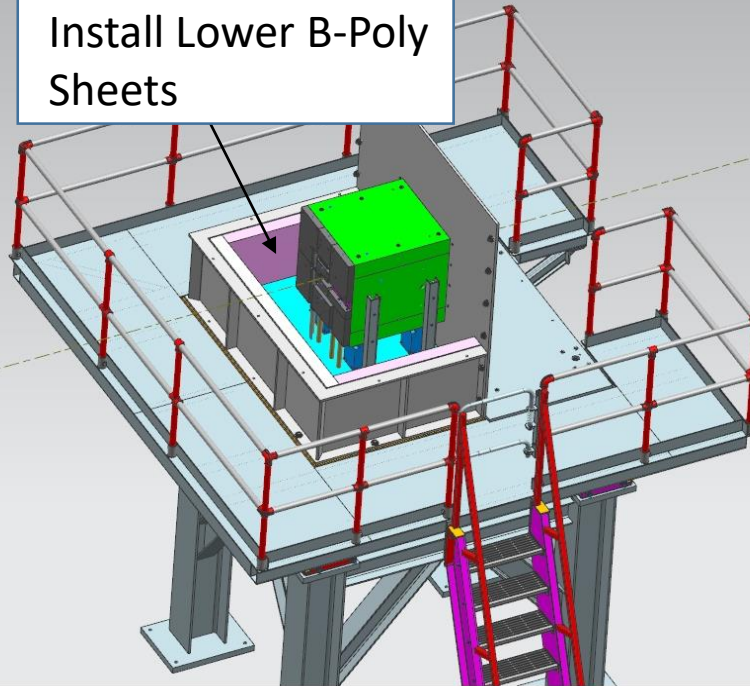




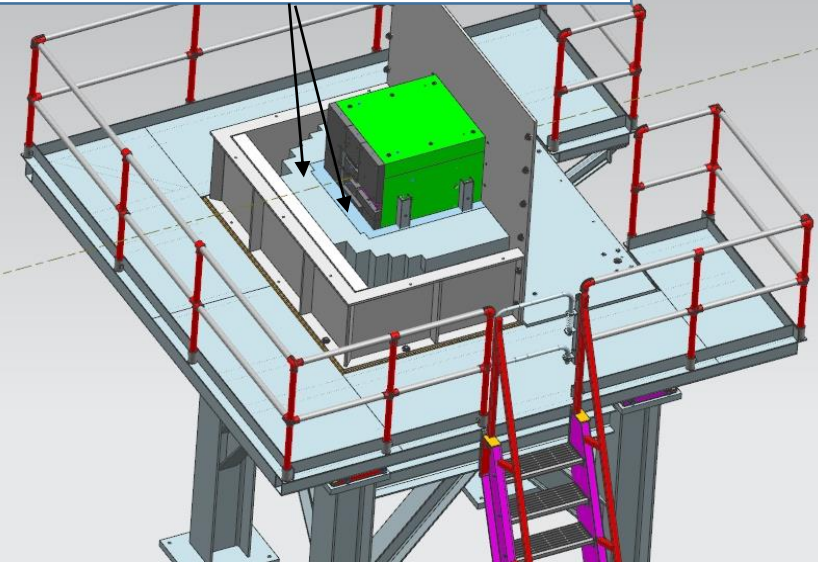
Install Lower Shielding Wall



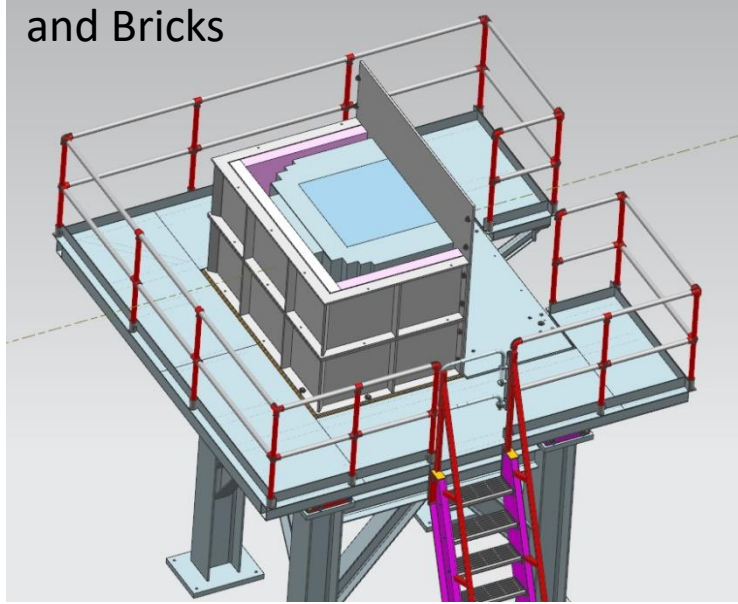
Install Lower B-Poly Sheets



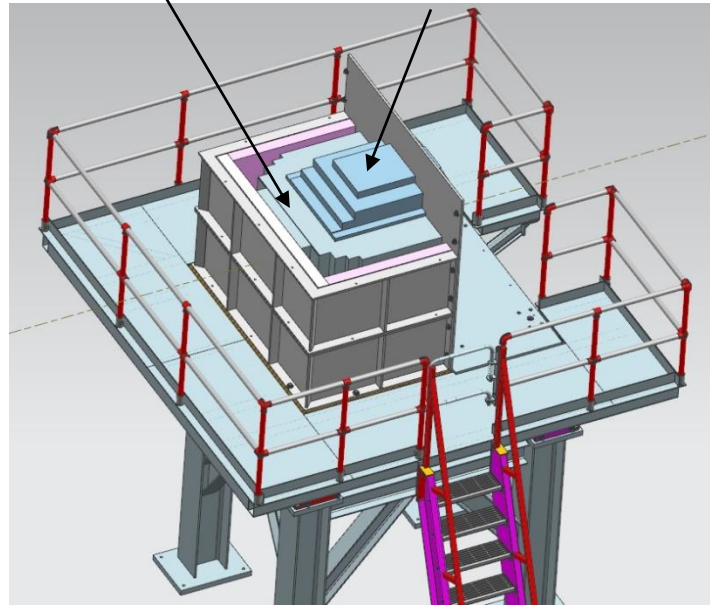
Add Aluminum Spacer Blocks to support Lead & Tungsten Bricks



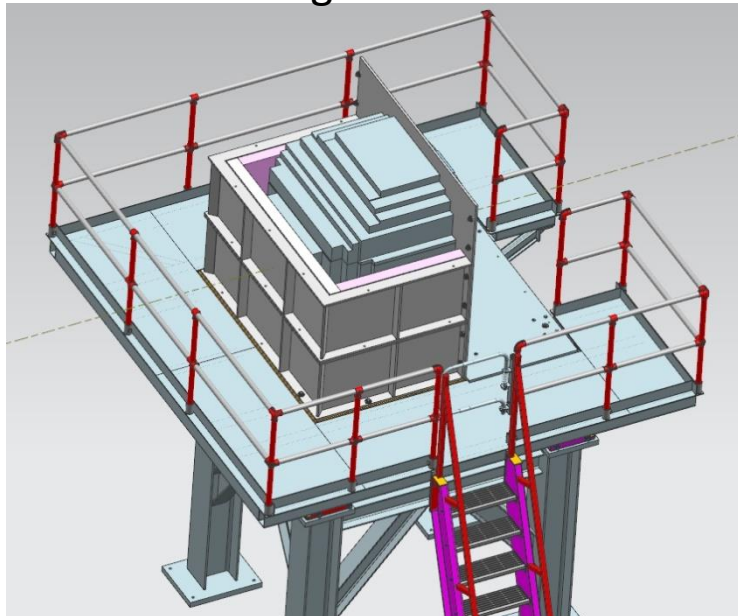
Add Second Layer Wall and Load B-Poly and Bricks



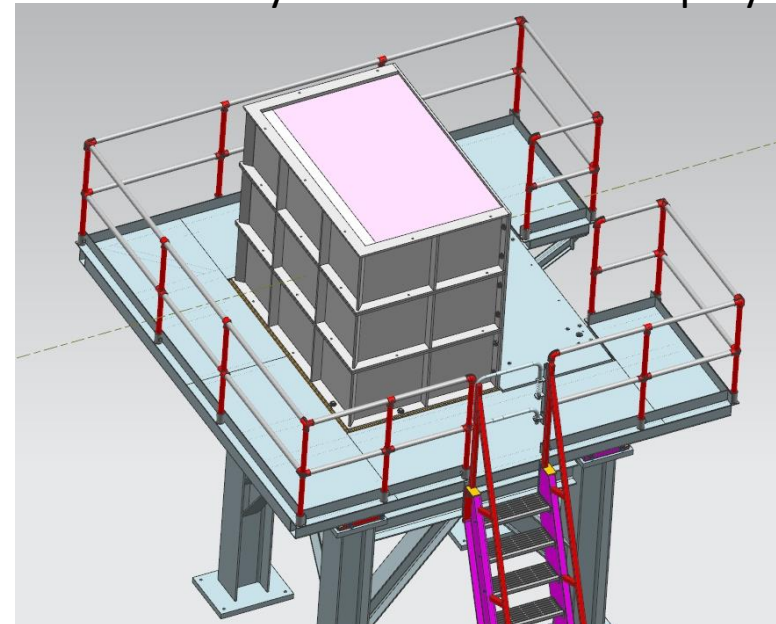
Lead Tungsten

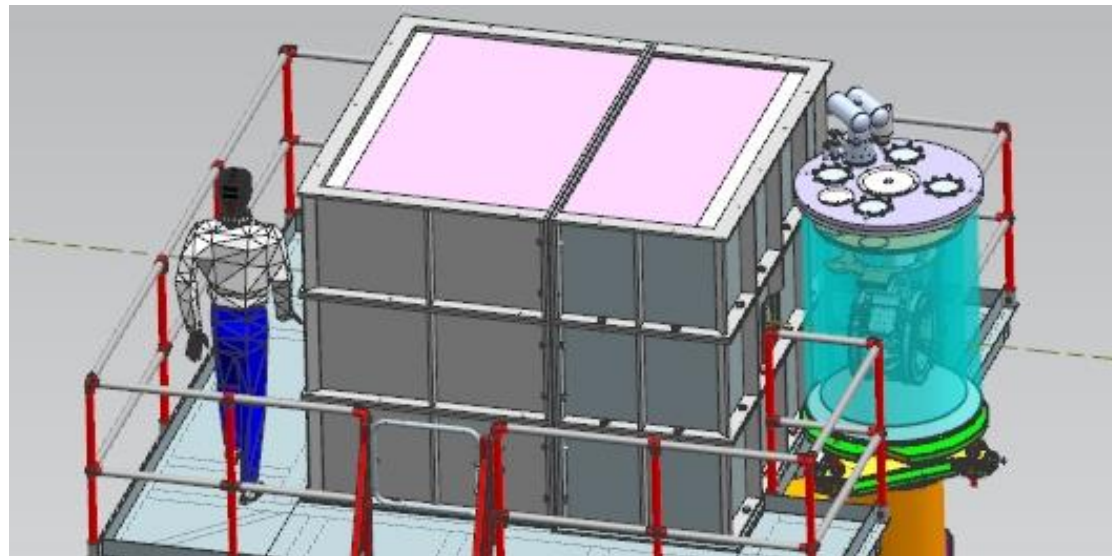
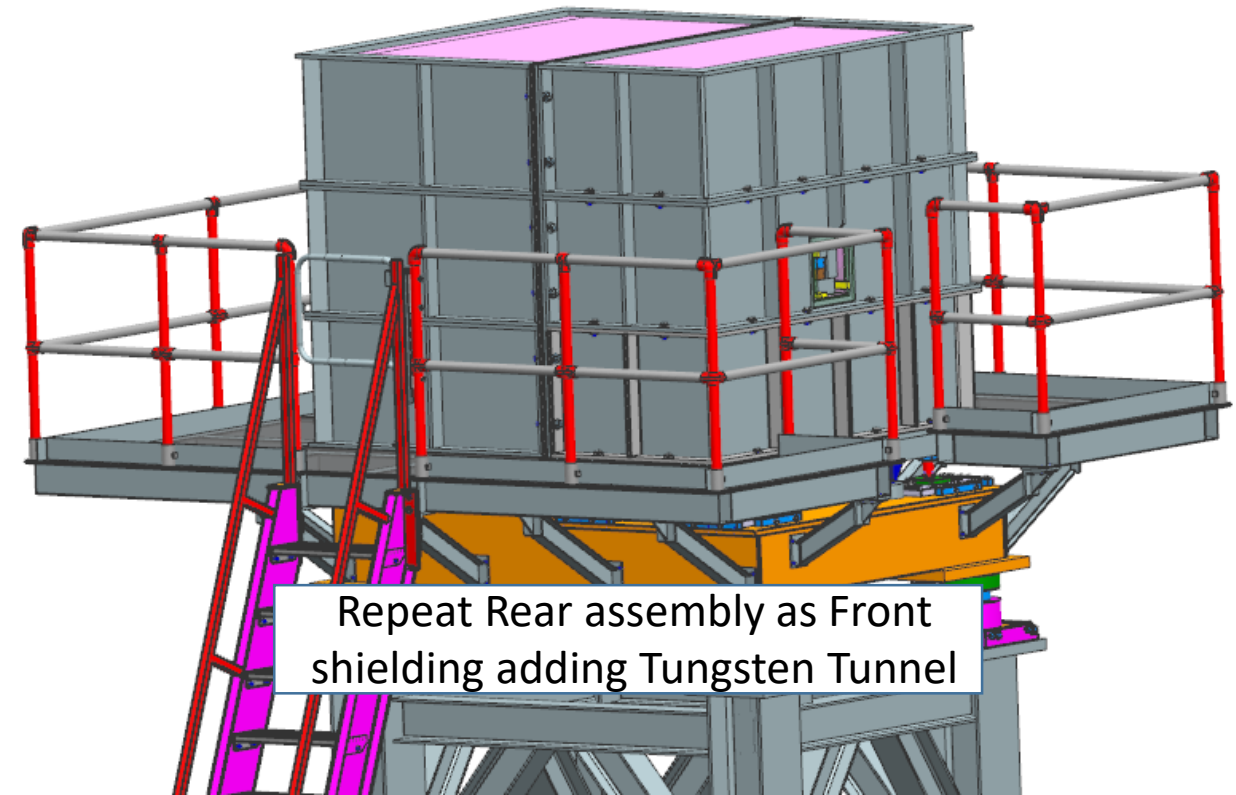
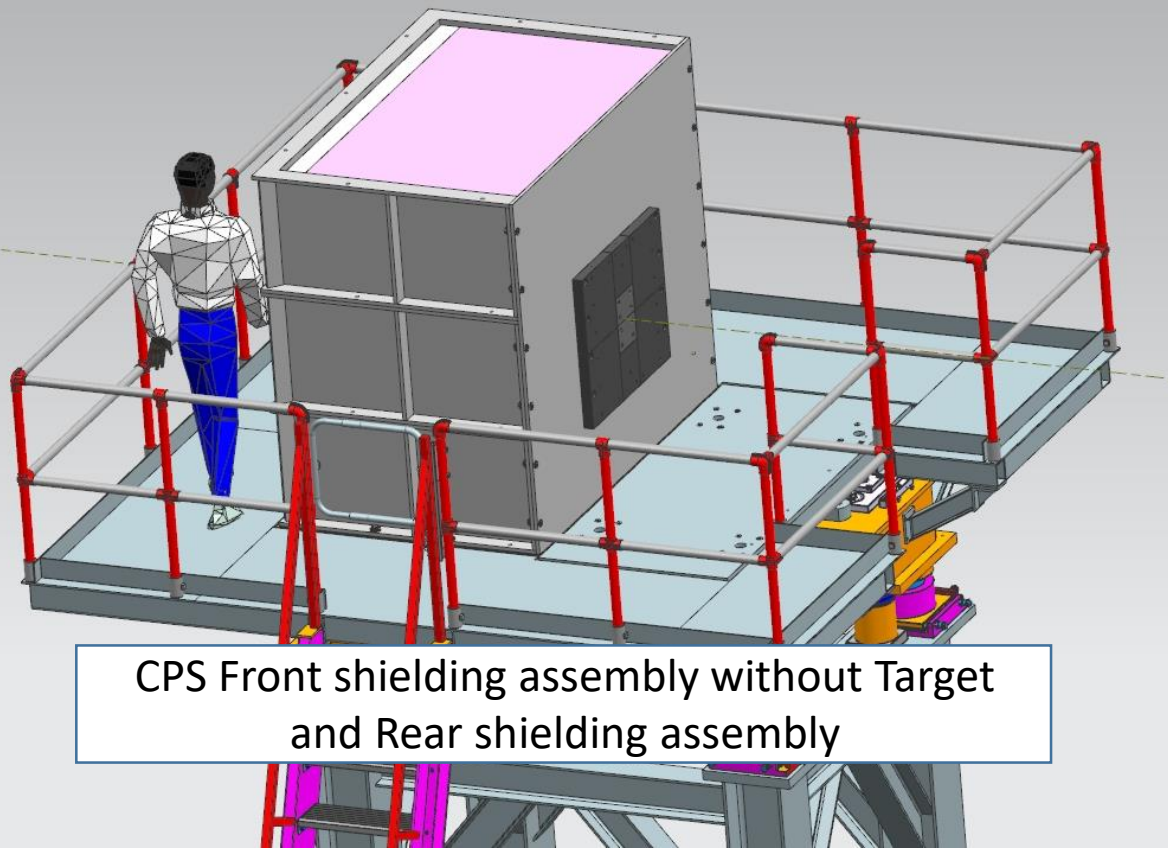


Finish adding Lead and ...



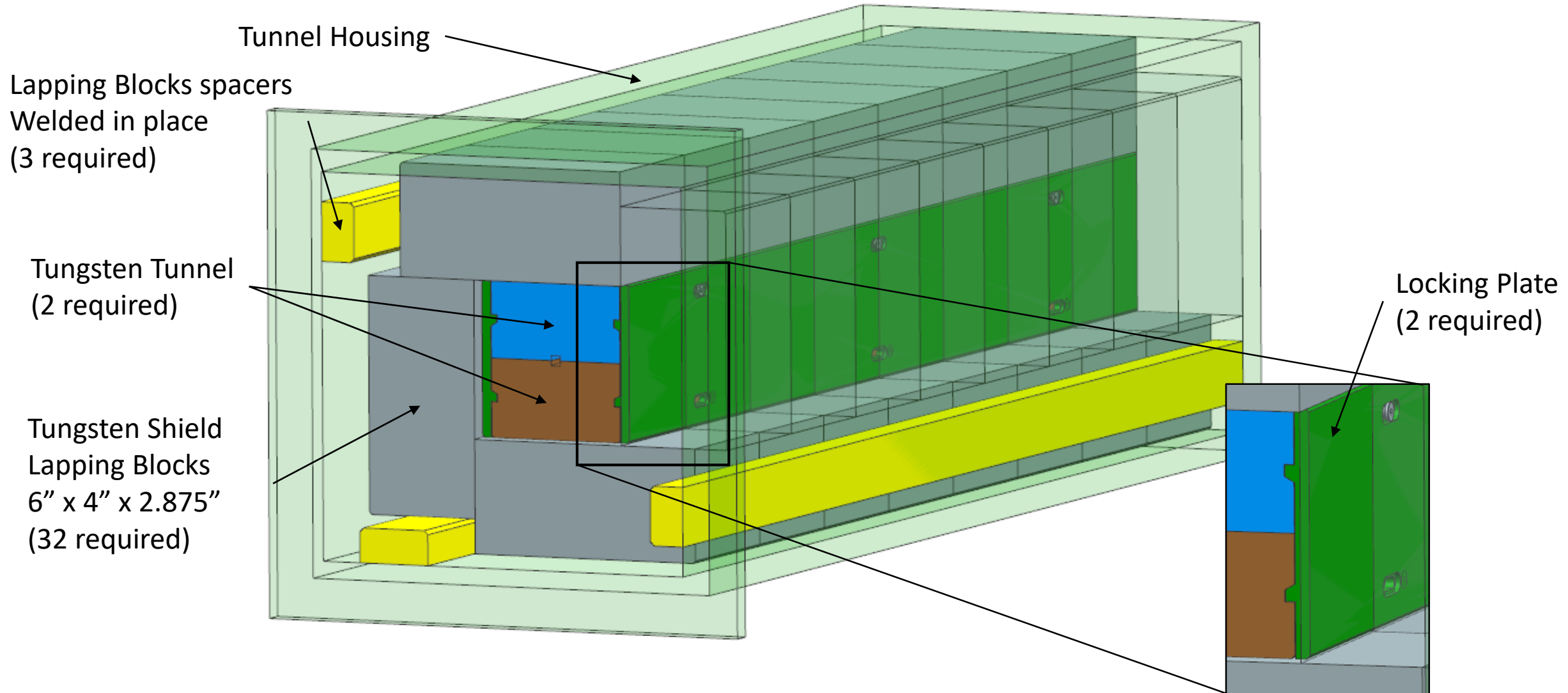
Add Third Layer and cover with b-poly



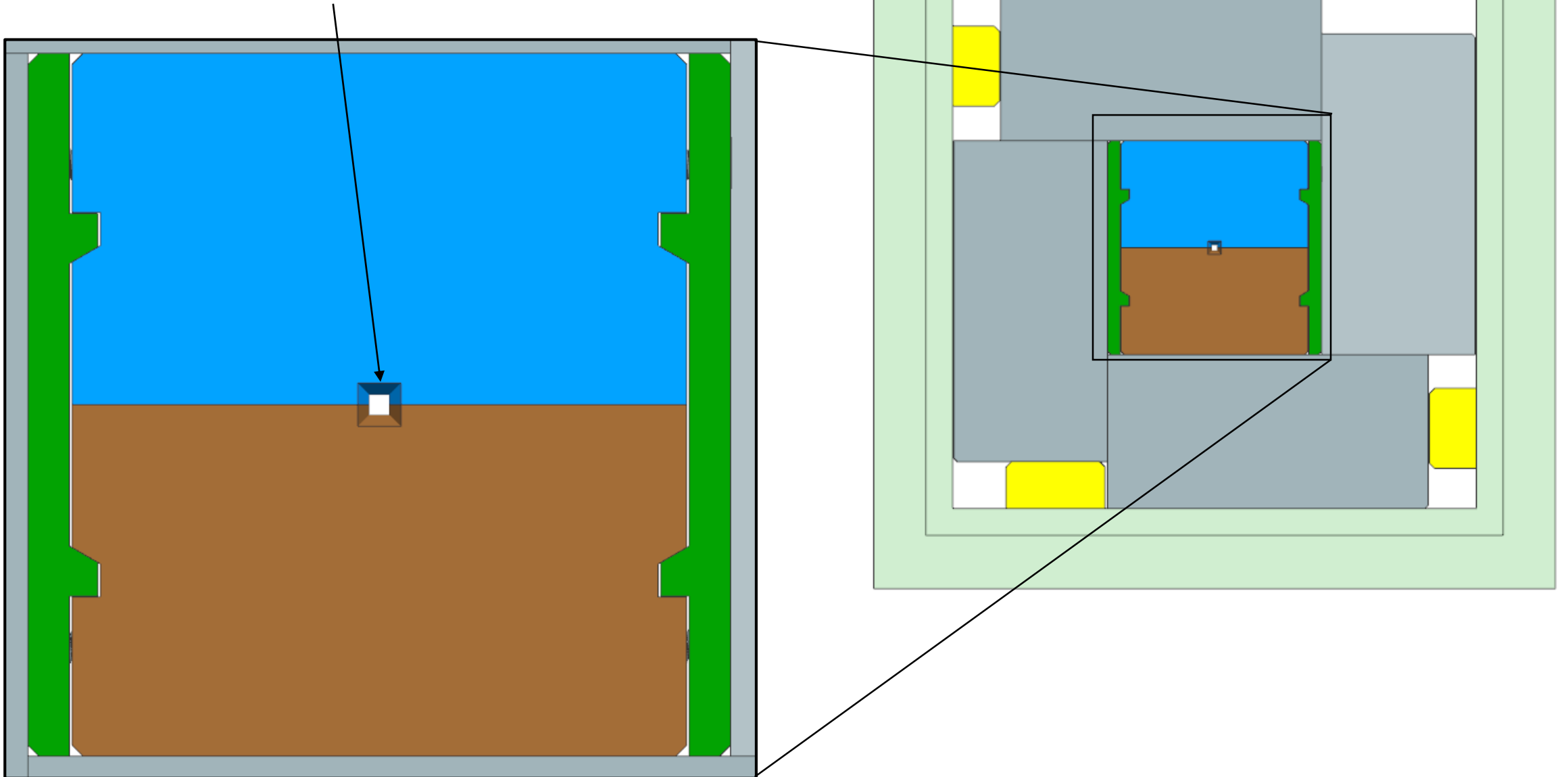


Target position to CPS

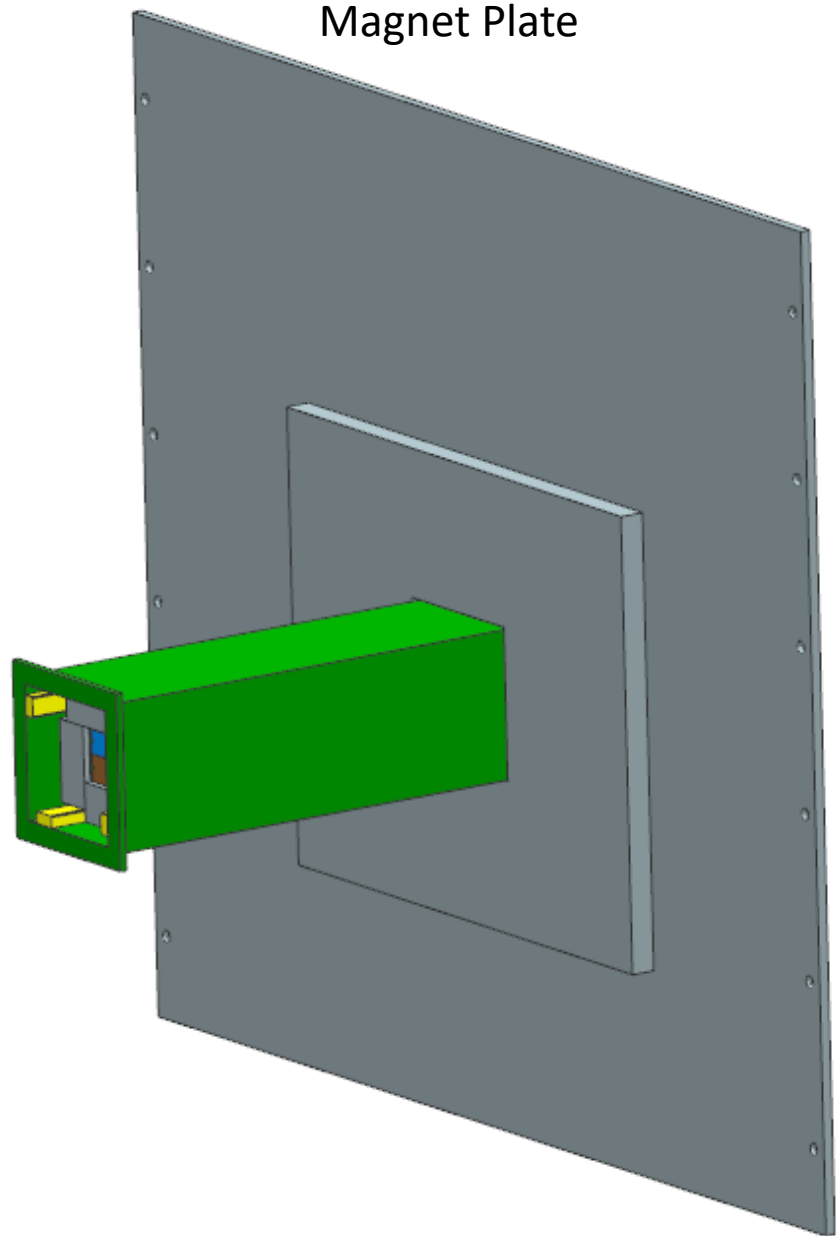
CPS 3mm to 6mm Tungsten Tunnel



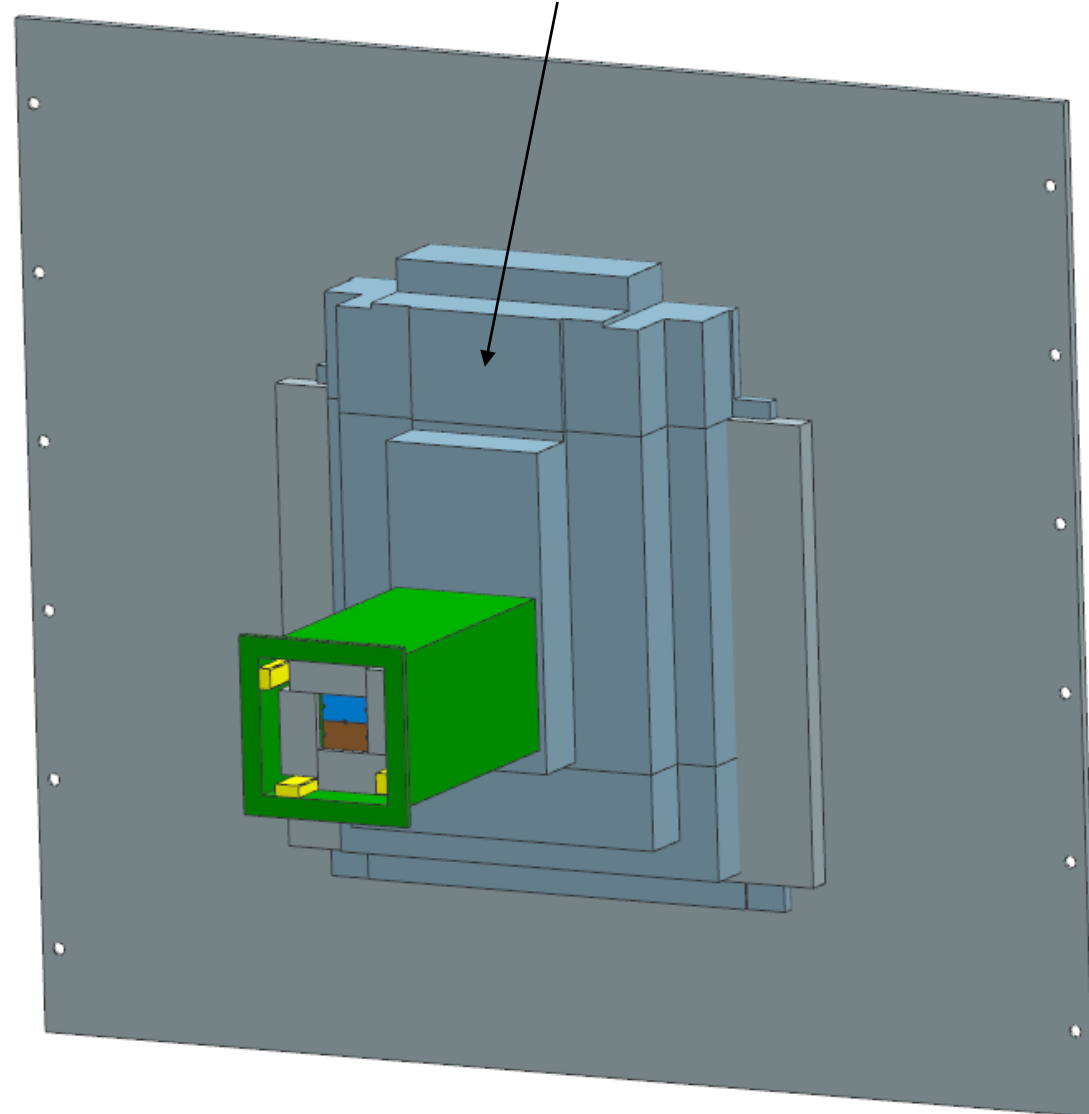
CPS 3mm taper to 6mm Tungsten Tunnel



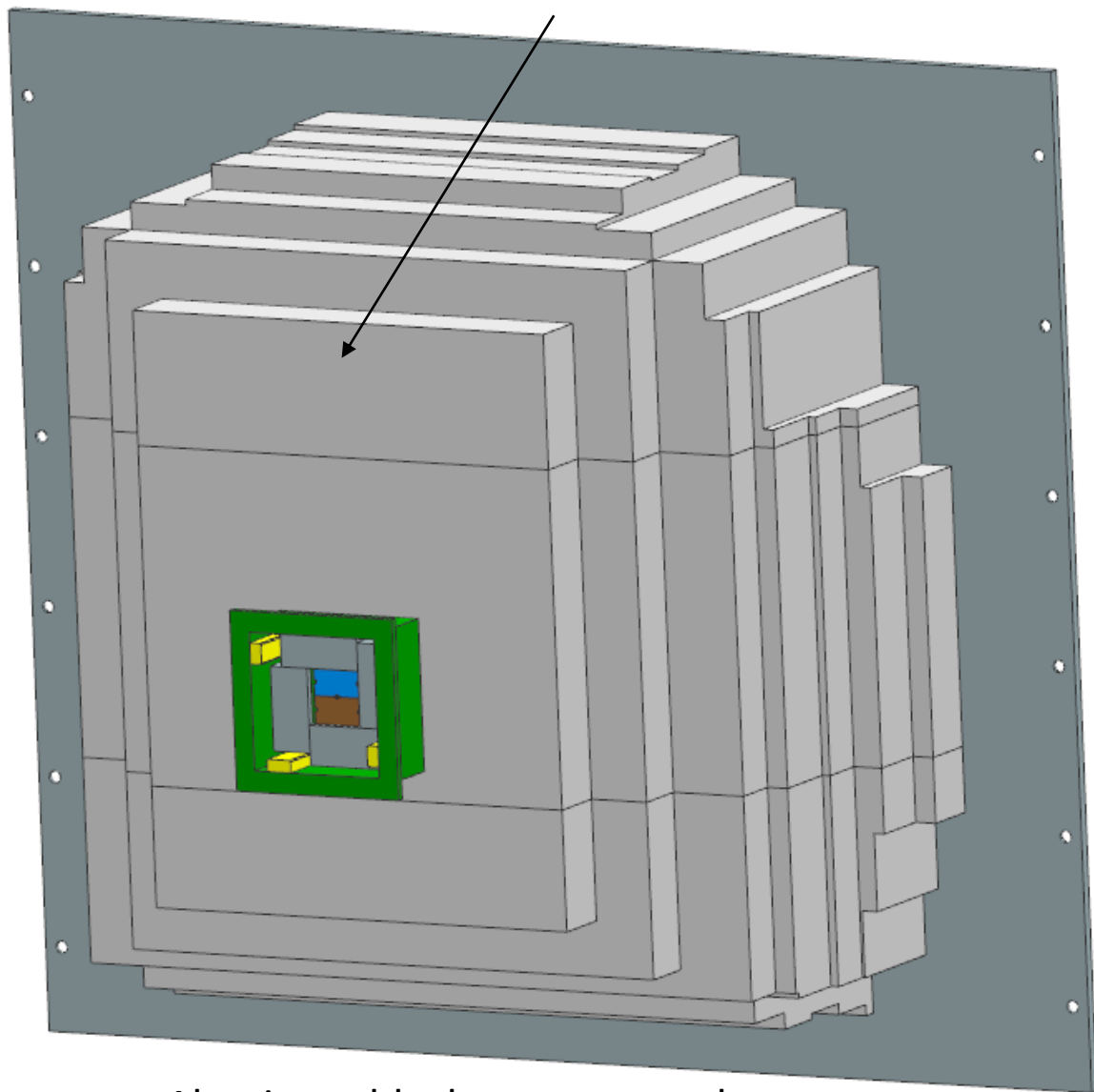
Rear Shielding
Magnet Plate



Rear Tungsten Brick

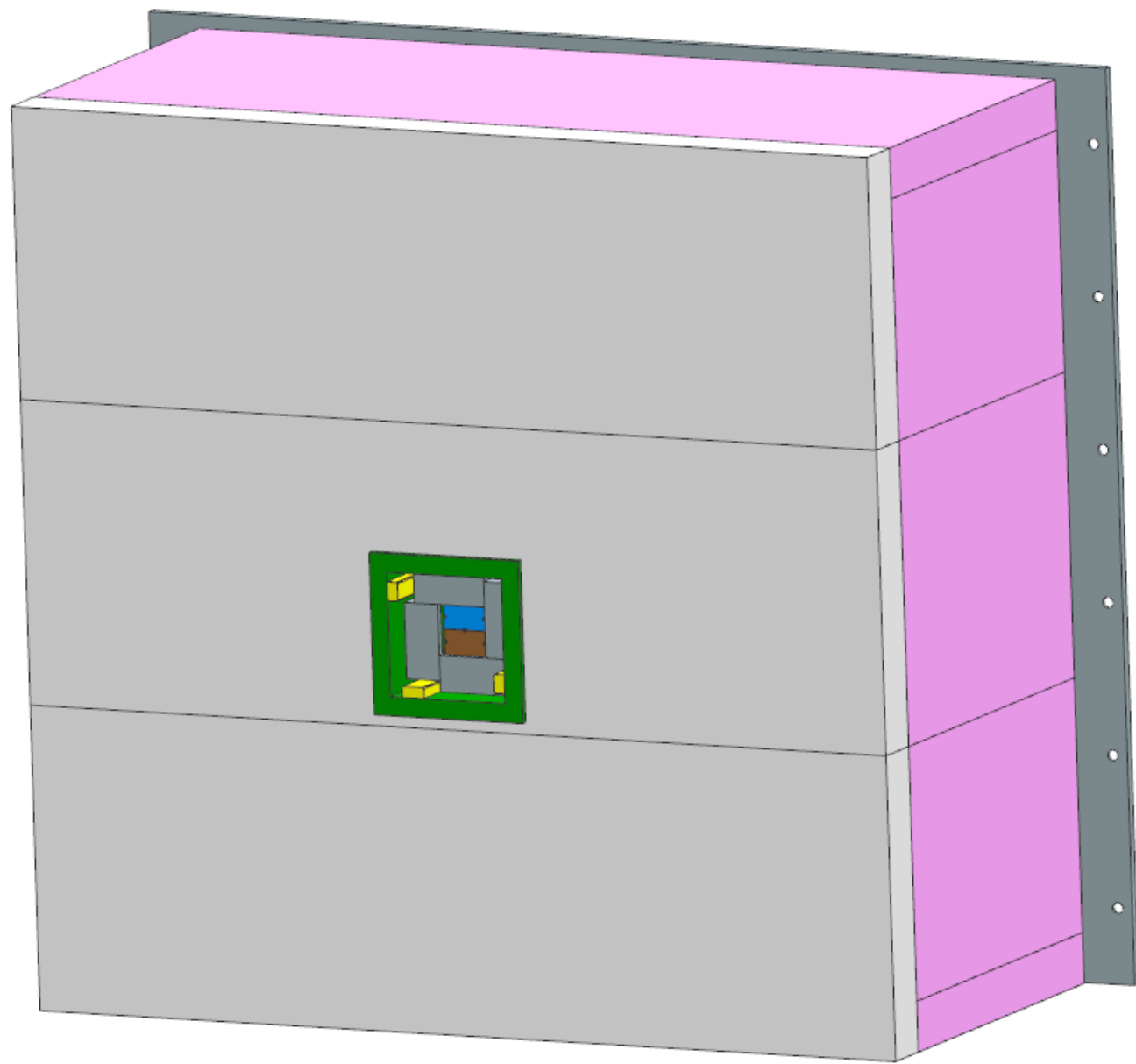


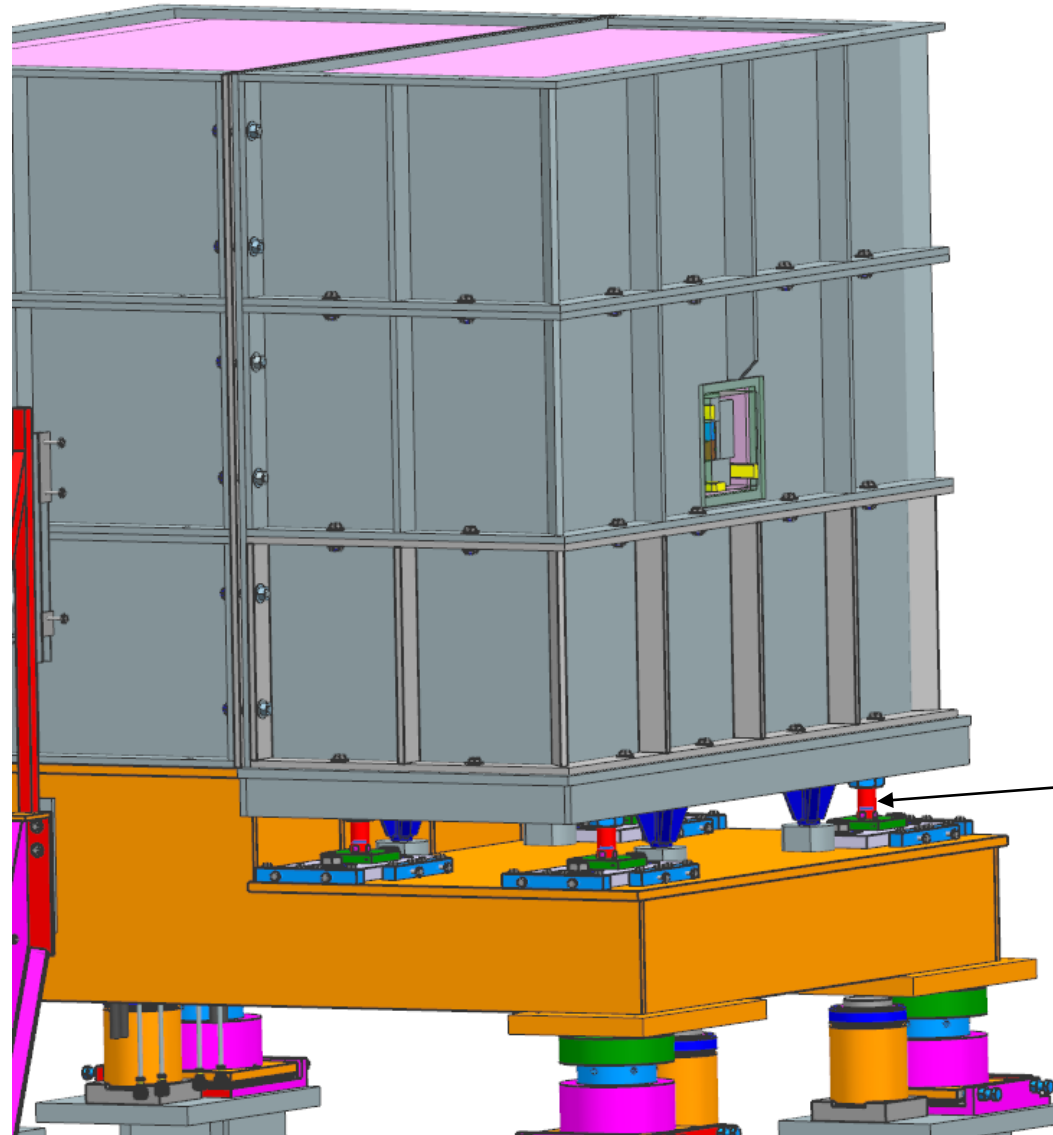
Rear Lead Bricks



Aluminum blocks to support the
lead bricks (Not shown)

B-Poly Sheets





Rear Shielding independent
of Front Shielding using lifts
and Jacks

Rear Shielding Assembly

