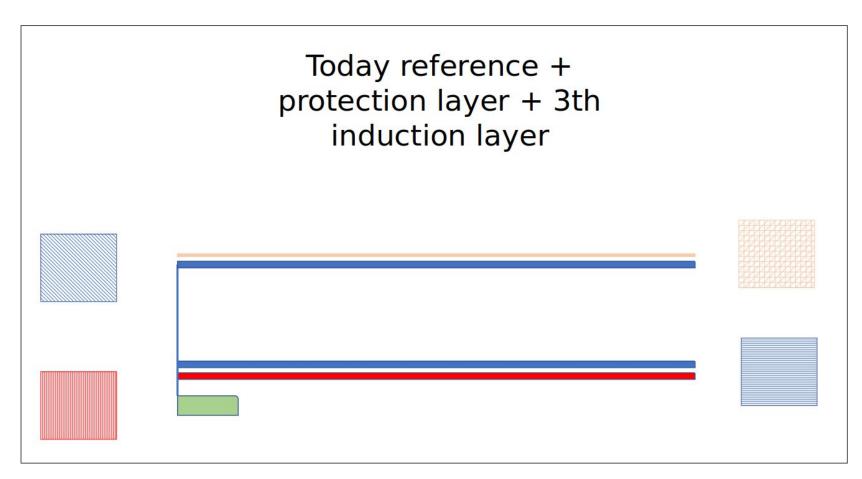
Anode PCB production for the 2021 cold-box tests

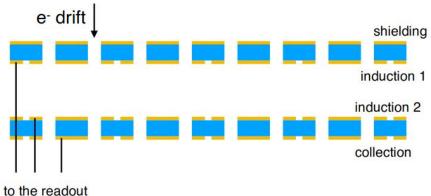
CRP consortium meeting 10/02/2021



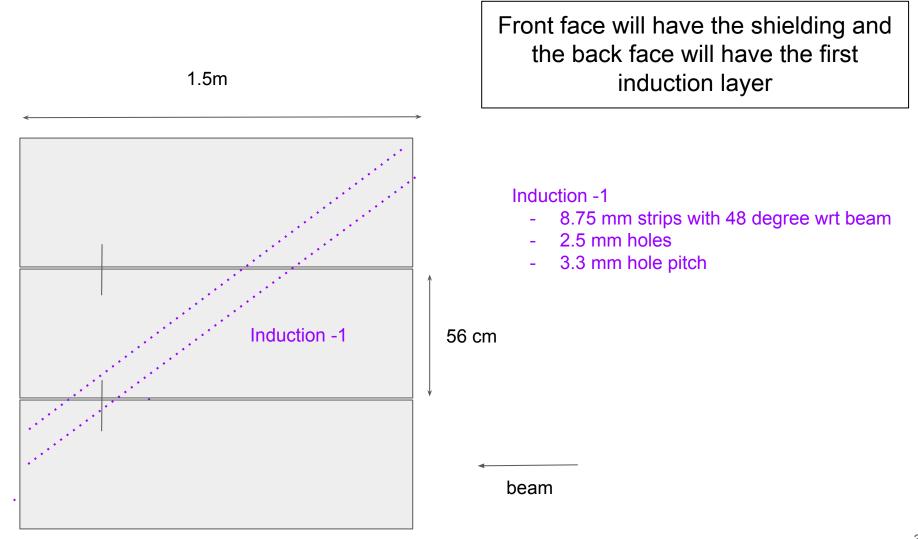
Induction-1: -48 degrees

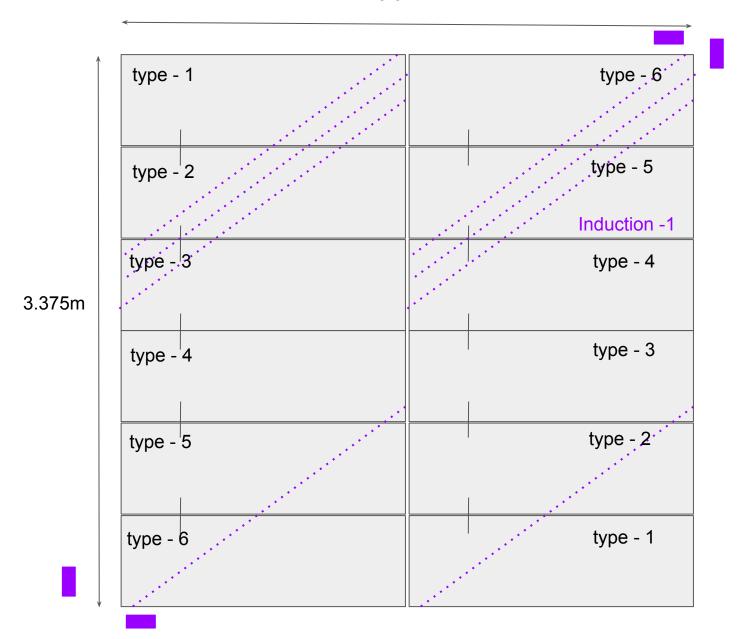
Induction 2: 0

Collection: 90 degrees

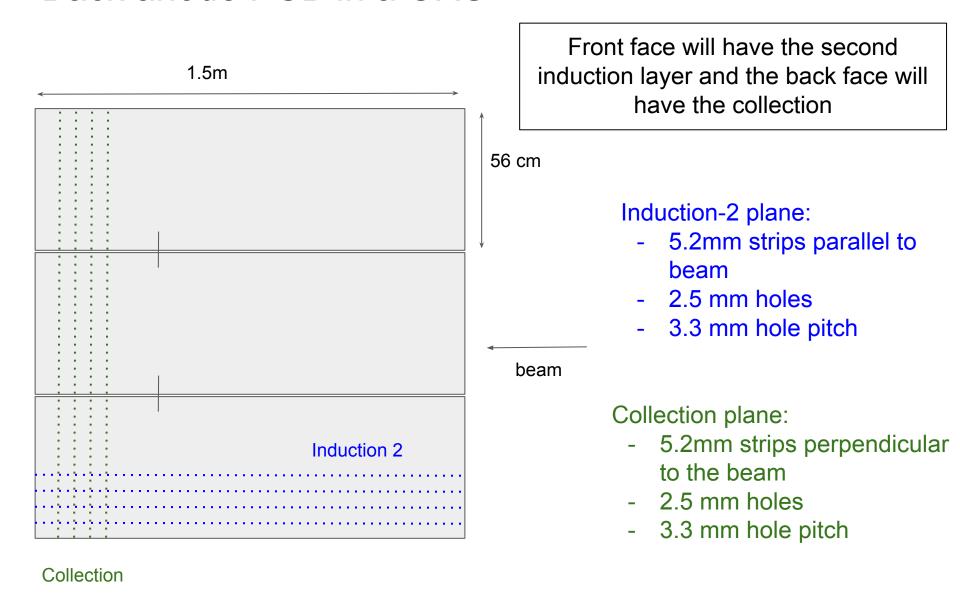


Front Anode PCB in a CRU

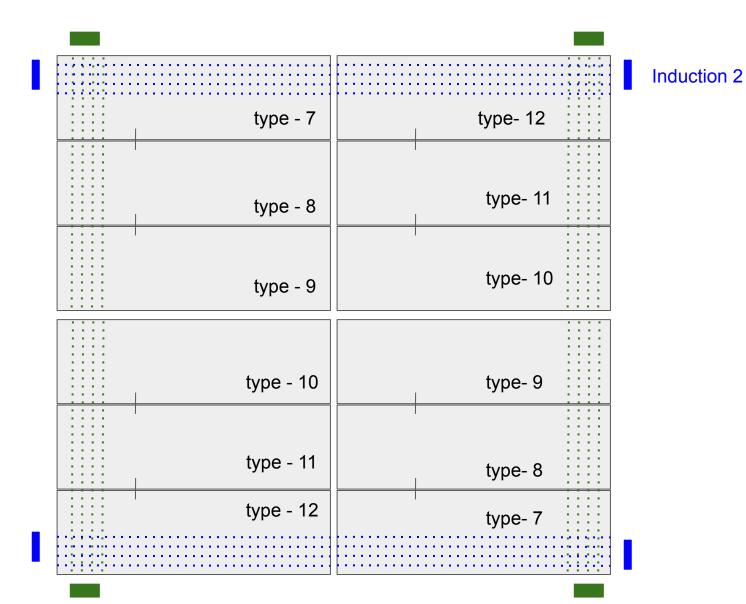




Back anode PCB in a CRU



5



Collection

Initial quotation from ELTOS and current status

- Initial quotation from ELTOS:
 - 876 CHF per panel (except tooling, file treatment (garber etc))
 - 6 weeks of lead time
 - 600 CHF tooling cost
 - Pattern, drilling, milling, all included
 - Does not include gluing
- Gluing and conductive epoxy treatment on the glued surfaces will be done at CERN PCB workshop
- Plan:
 - Order 24 units to build a CRP and 1 spare from each panel = in total 36 PCB panels
 - We are looking for options in China and in Europe as well
 - We would like to have pieces ready sometime in May
- Next steps:
 - \circ Finalizing the design files and details \rightarrow Bo is working on that

Documentation at EDMS related to the Cold-box anode PCB: https://edms.cern.ch/ui/#!master/navigator/project?P:100704998:100767673:subDocs