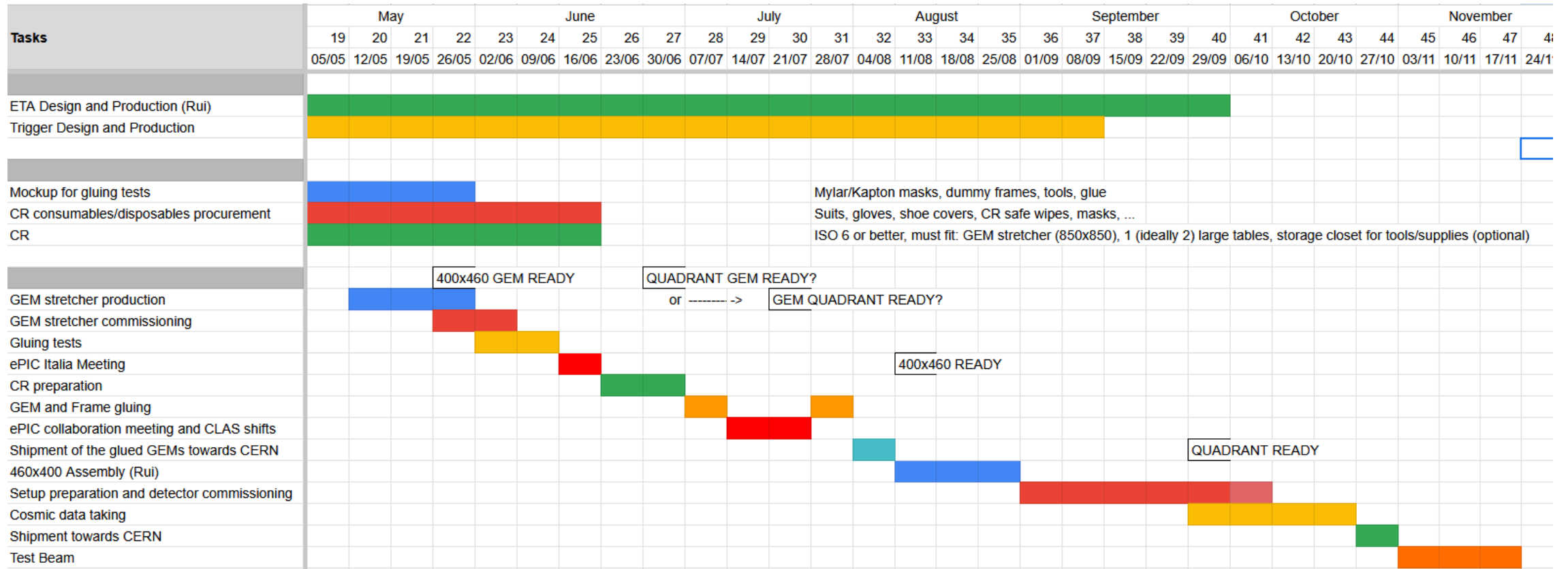


Roadmap to TB 2025 and General Updates

16/05/2025 – MPGD ECT Meeting

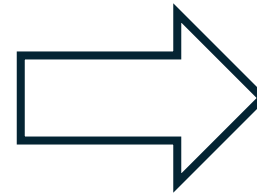
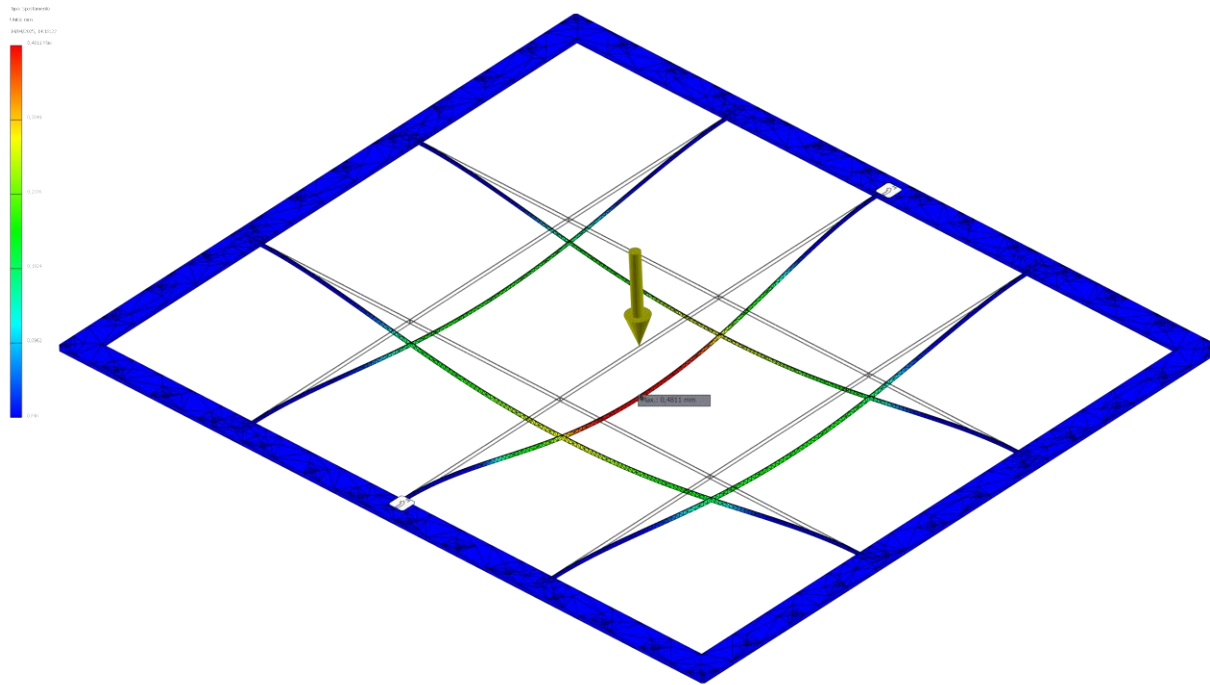
Stefano Gramigna

TB 2025 Roadmap



Tight schedule to test 2x ECT quadrant prototypes + 2x 460x400 large AA prototypes in November
Materials' procurement and CERN production are the most critical points

The Spacer Grids Issue, Rui's Take



NO PEEK

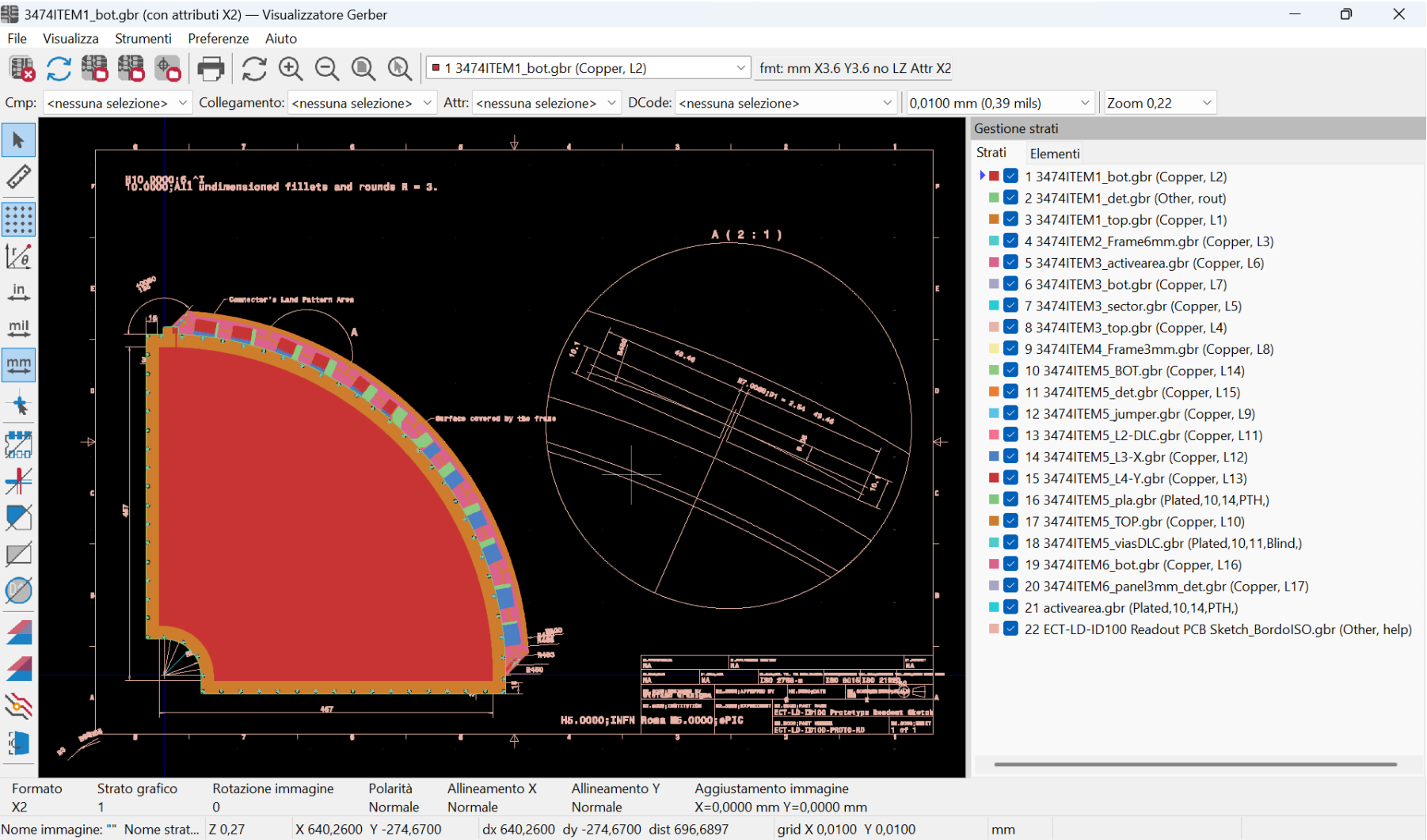
OR

NO GRIDS

Raised concerns on PEEK rigidity / frame stability when stretching the GEMs

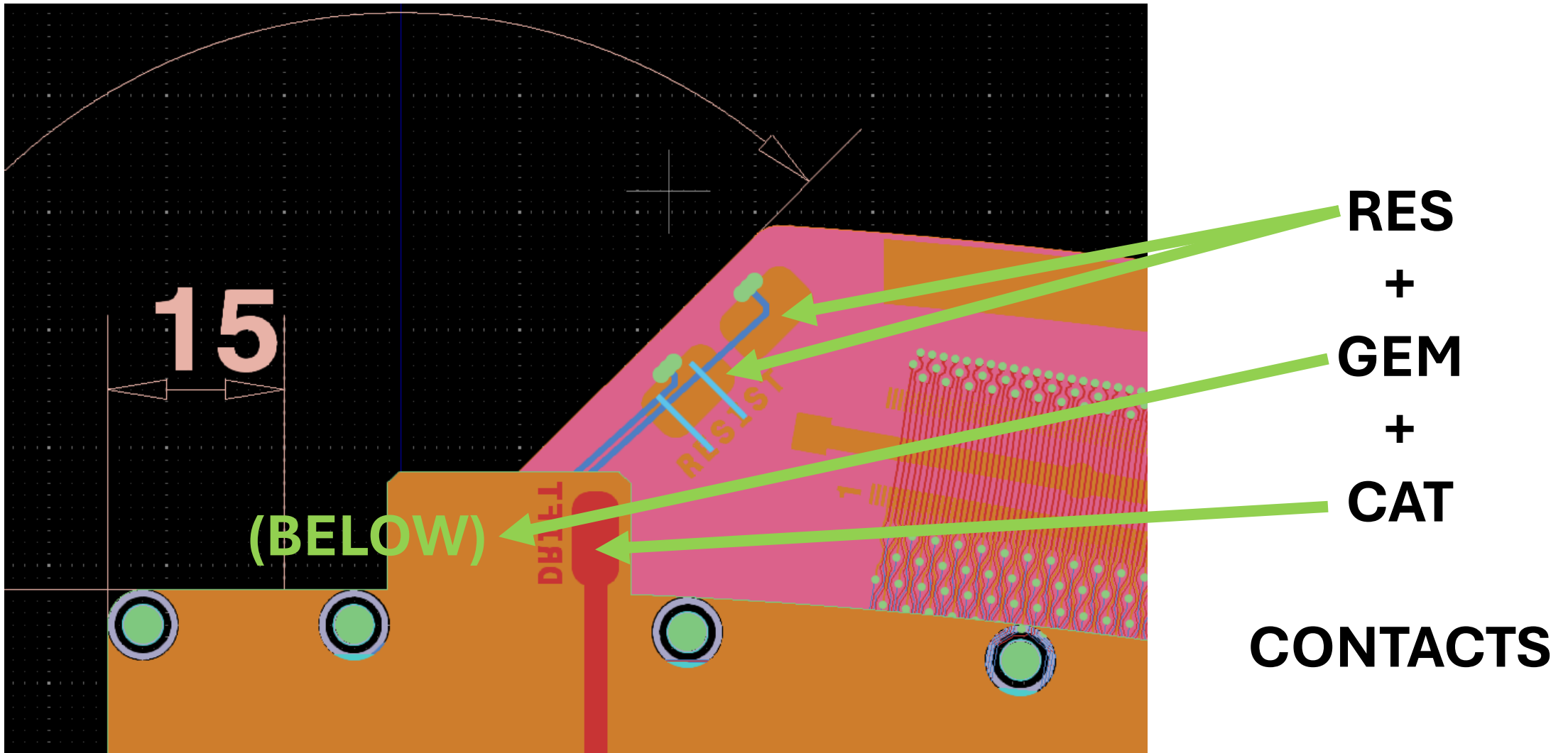
Mechanical studies/simulations to address the issue TBD

Progress towards the ETA, Gerber files from Bertrand

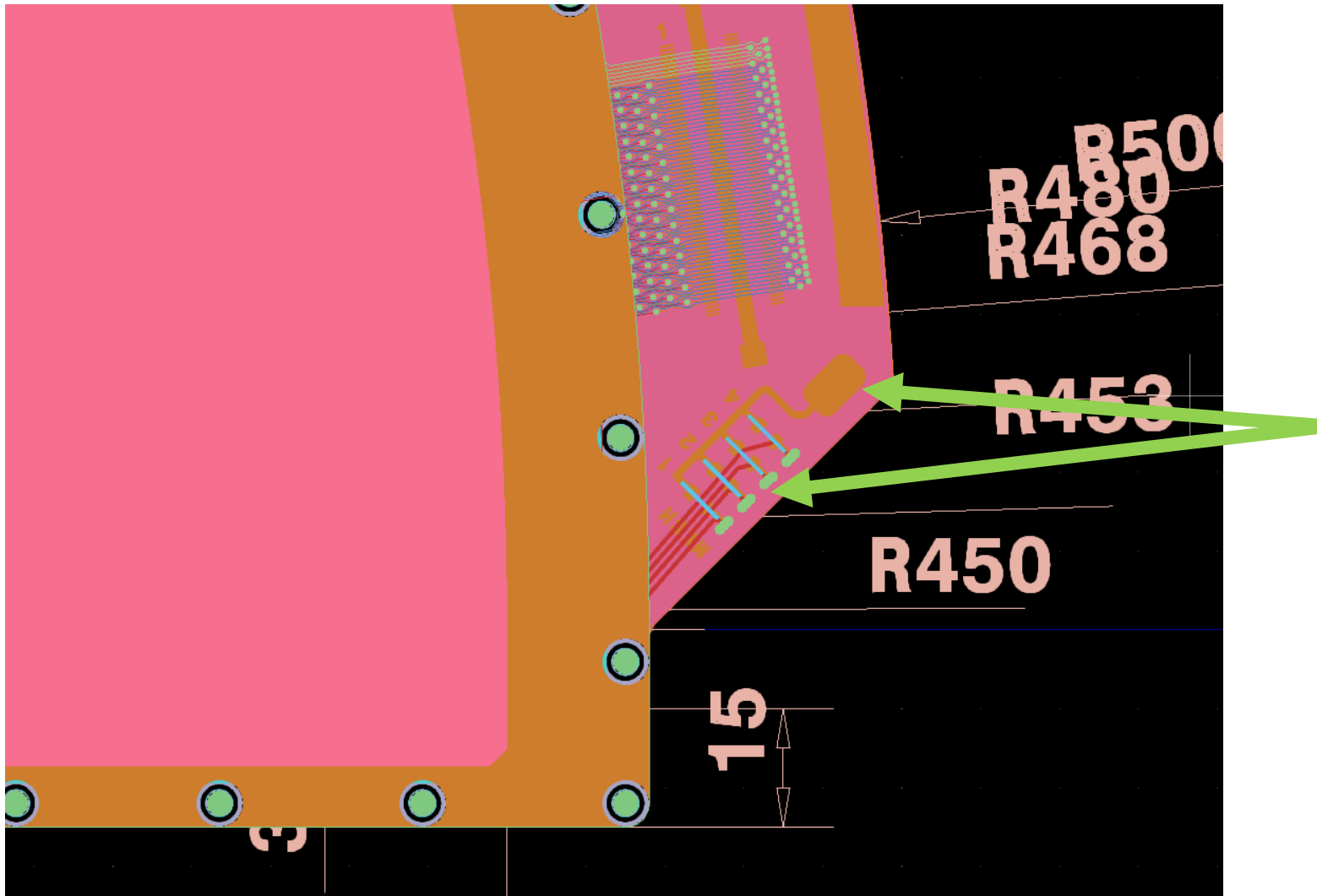


R/O
GEM
CAT
FRAMES

Progress towards the ETA, Contacts

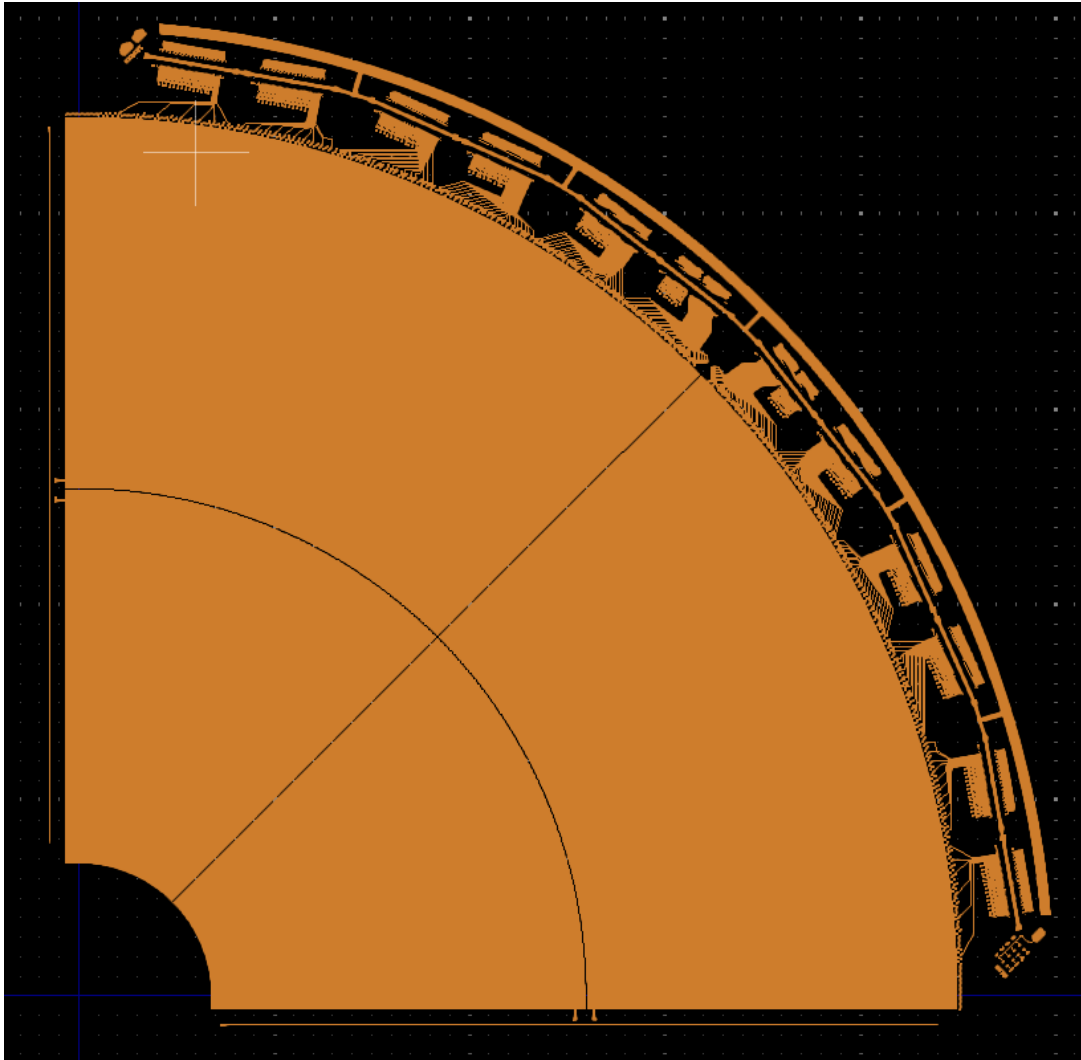


Progress towards the ETA, Contacts



**TOP
SECTORS
CONTACTS
AND JUMPERS**

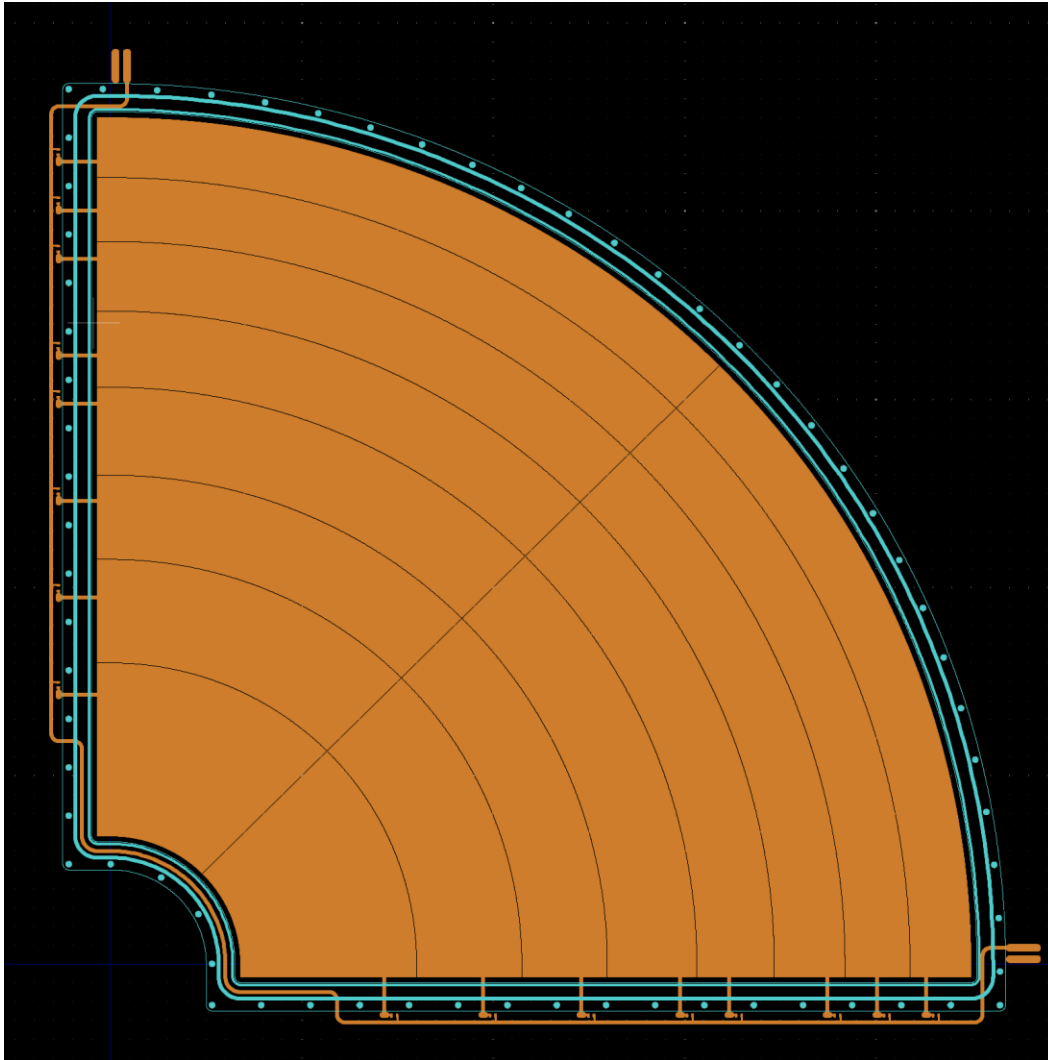
Progress towards the ETA, Sectorization



TOP SECTORIZATION

4 μ RWELL Sectors

Progress towards the ETA, Sectorization

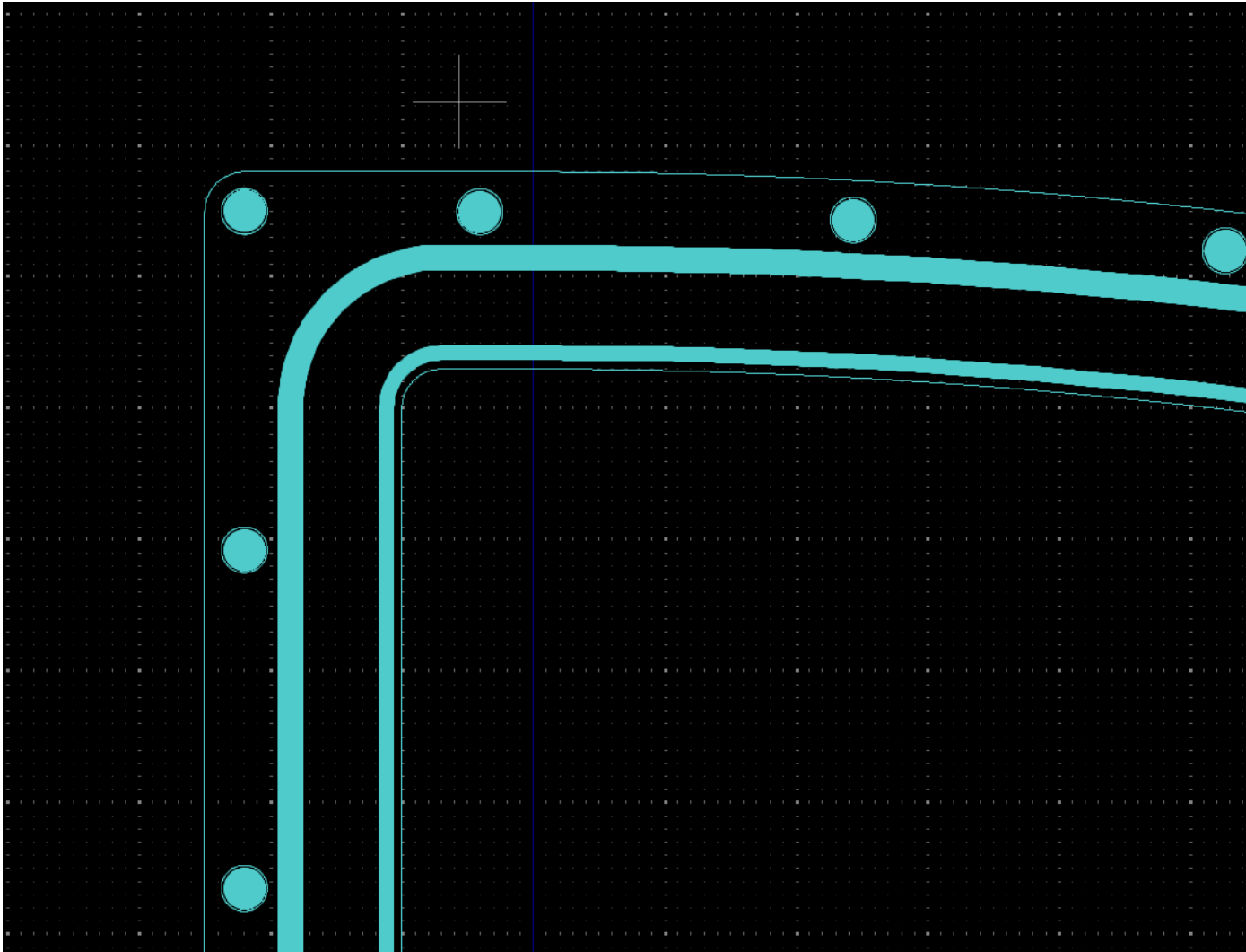


GEM SECTORIZATION

16 GEM sectors

**Connections outside the
frame for repair/debug**

Progress towards the ETA, Frames



FRAME GROOVES

ORING GROOVE

+

**GLUE STOPPER
(FOR LATER
GLUING)**