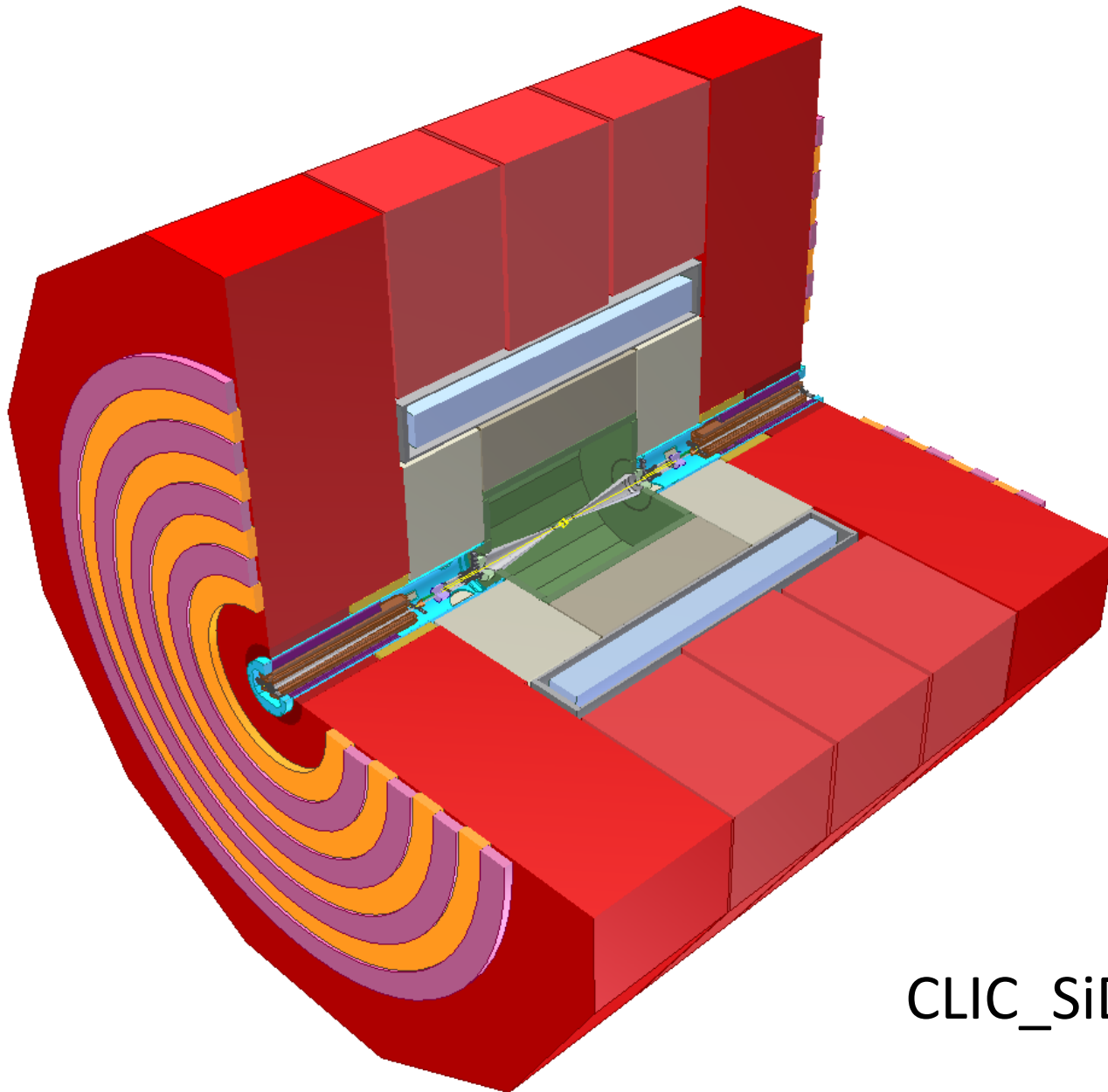


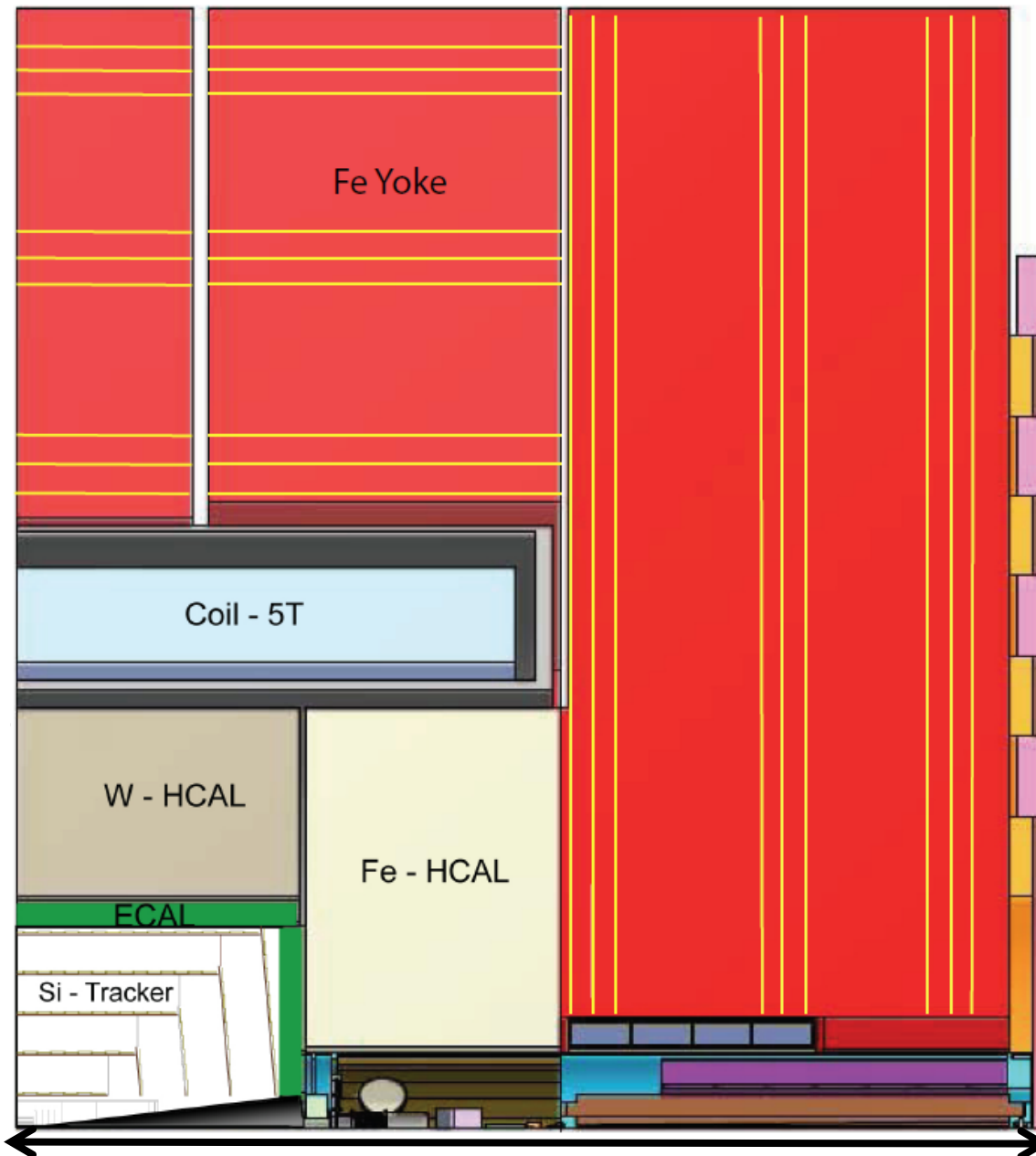
## Brainstorming on shortening CLIC\_SiD

- Background: new CLIC detector concept, one detector only  
Tracker: will be silicon, i.e. we may start from CLIC\_SiD
- One detector only
  - > stray field and shielding requirements less stringent
- 1. Less iron in the yoke (end-cap) – shorter detector
- 2. Even less iron when using end-coils (cf. CLIC\_ILD)

(N.B. QD0 outside the detector – aiming for an  $L^* = 5$  m)

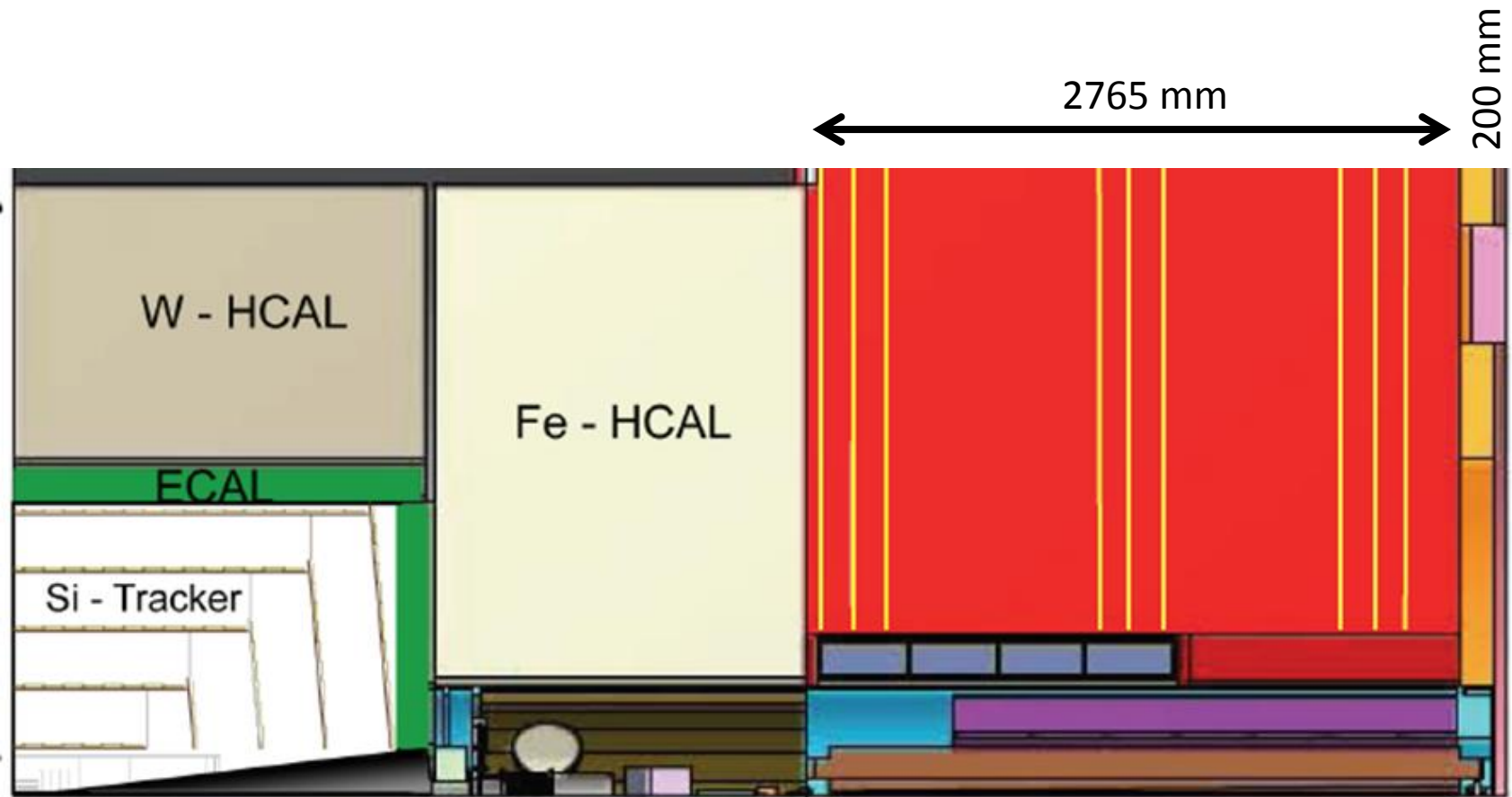


## CLIC\_SiD (CDR)

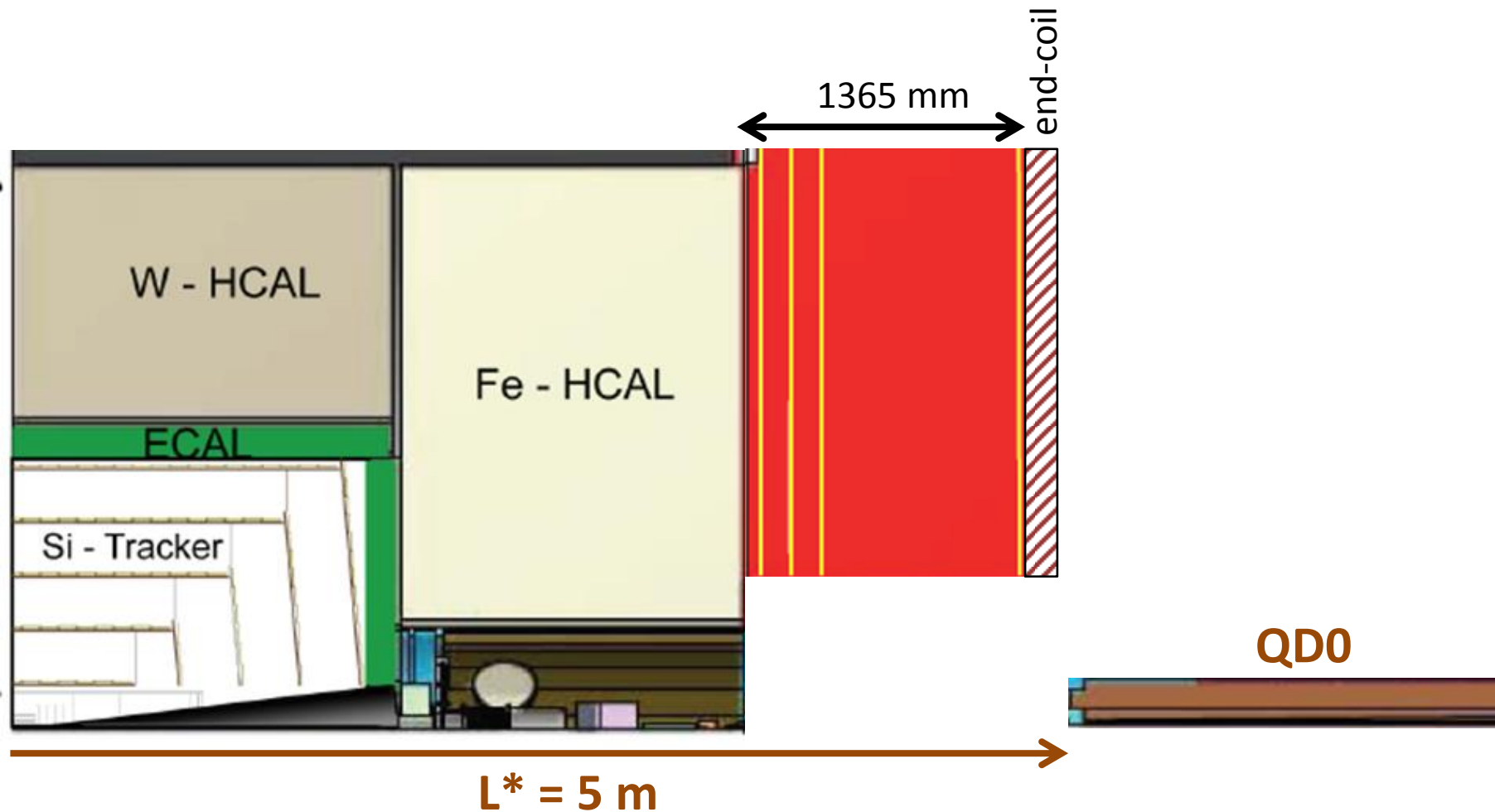


CLIC\_SiD (CDR)

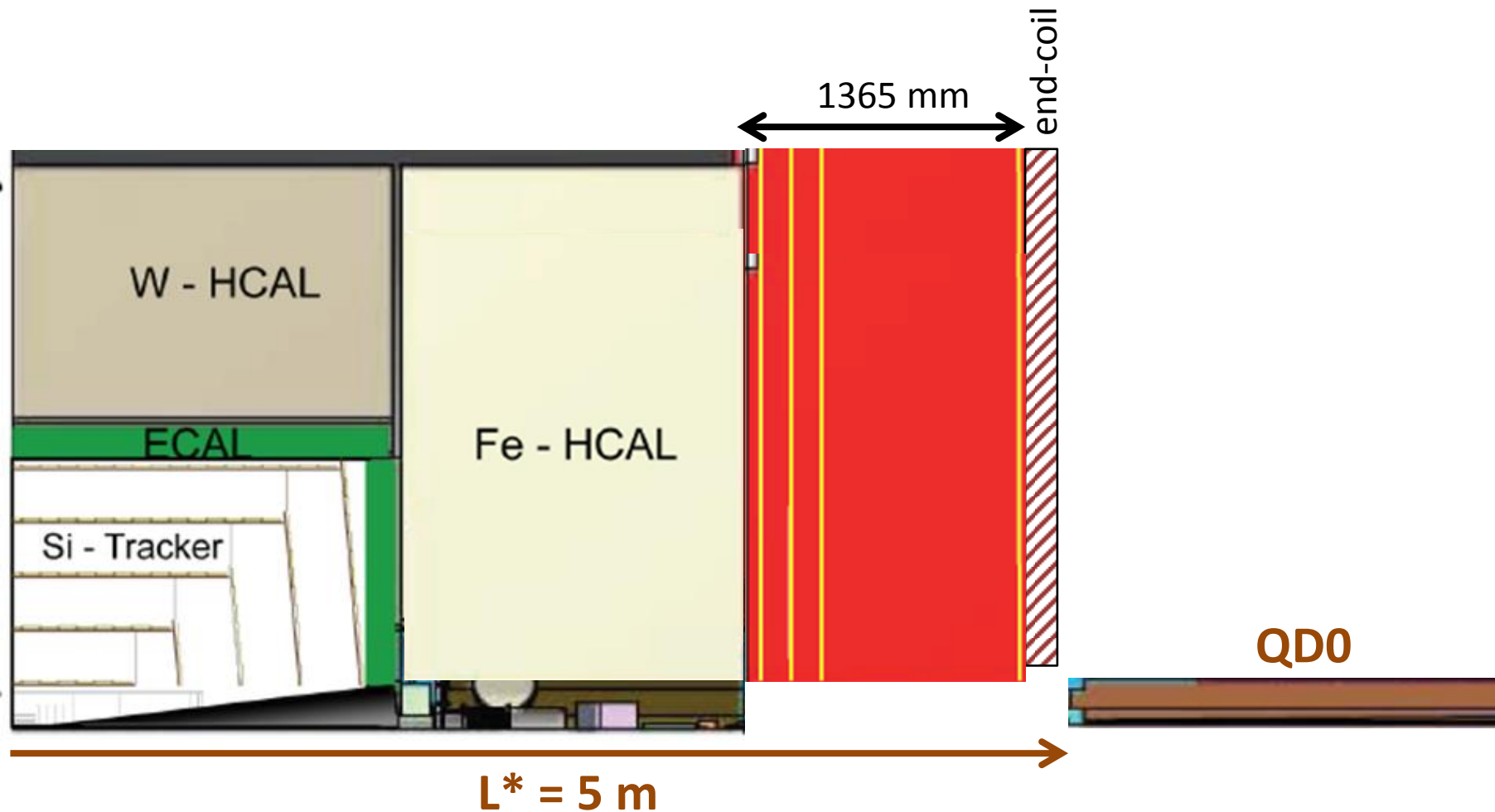
# CLIC\_SiD (CDR)



... brainstorming ...



... brainstorming ...  
- better forward coverage -



# ... brainstorming ...

caution:

- muon chambers 9 layers ?
- magnetic flux and stray fields ?
- ...

