2011 cosmic / beam test electronics: revC of front-front board

- the front-front revB has some arcing issues...
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- front-front revC changes:
  - keepout for HV traces on the top and bottom layers around PMTs (revB let the traces go anywhere) - this should stop the arcing through air
  - 6 layer board (revB was 4 layers)
  - 1.5mm spacing between HV trace and any other trace, via or pad (revB had 0.9mm)
  - treating “high” HV (2.6kV-3.8kV) differently from “low” HV (treated as different classes of net; constraints on “low” HV are less stringent)
  - 2mm between HV vias (revB had 1mm)
  - 1.5mm between HV trace and copper pour ground surrounding anodes (revB had 1mm)
  - ground traces for different HV supplies are much closer together, because I realized ground won't arc to ground...
  - not finished yet, but wish to have design review before the middle of next week

Matt Andrew / University of Hawai'i
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