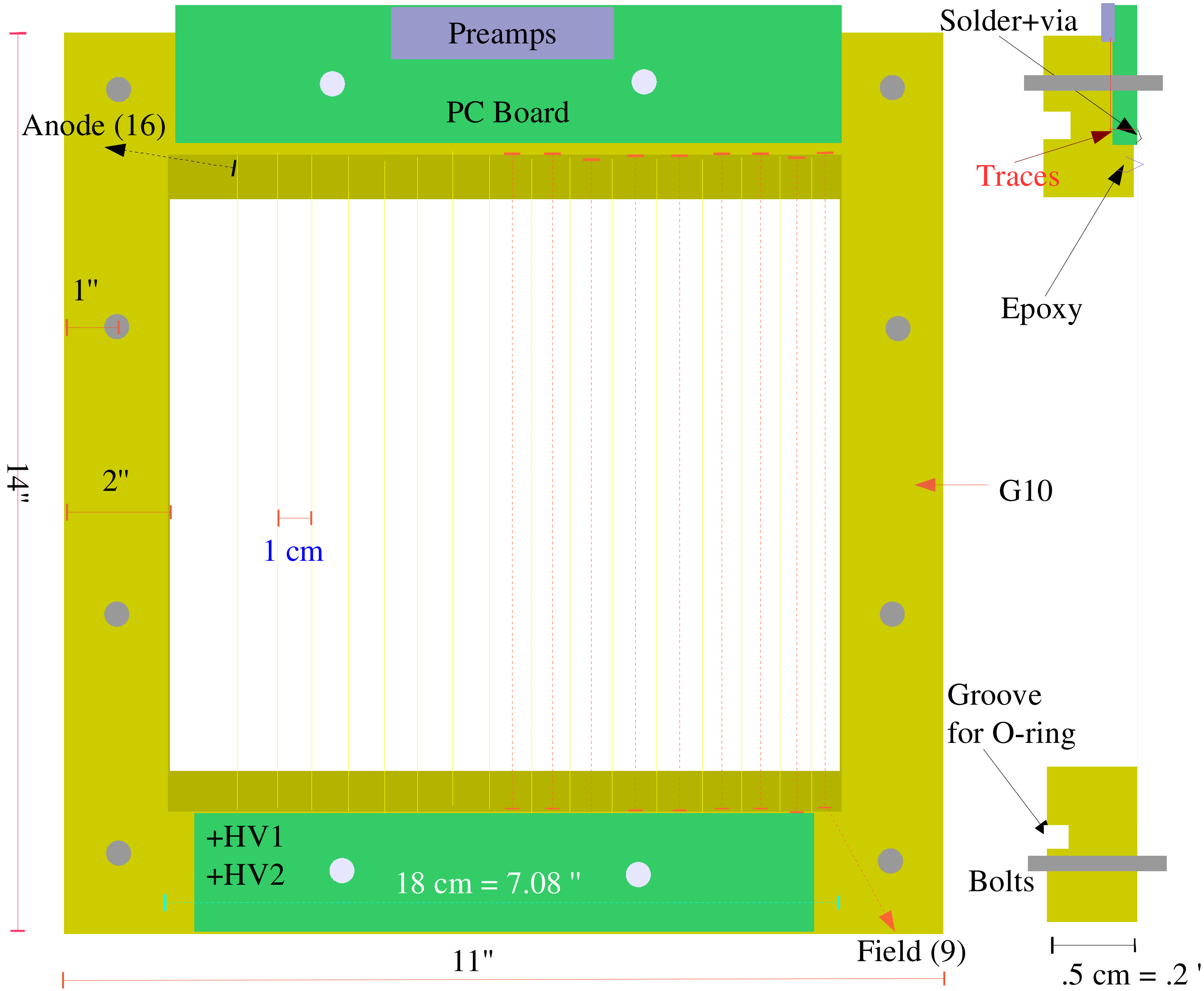
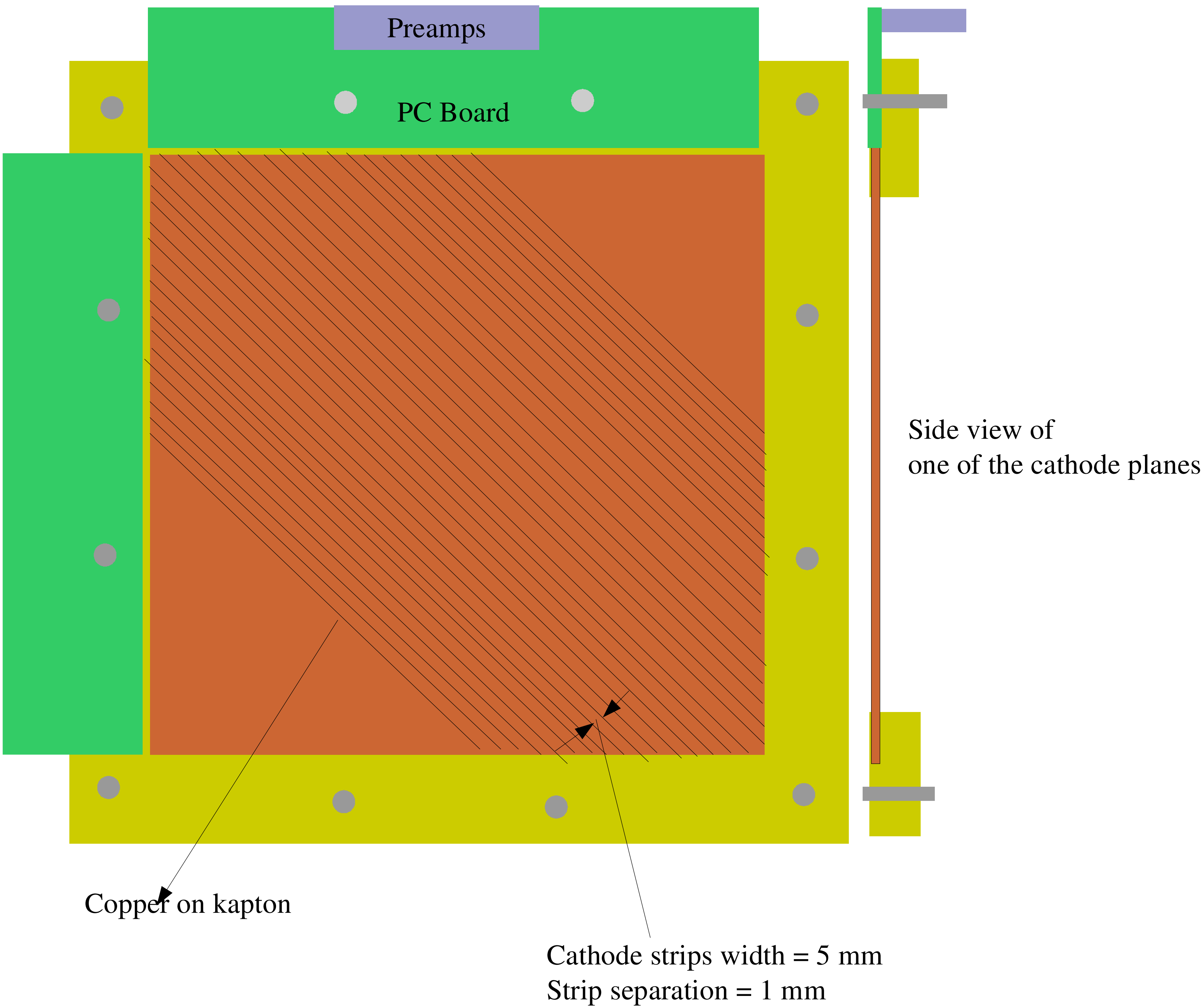
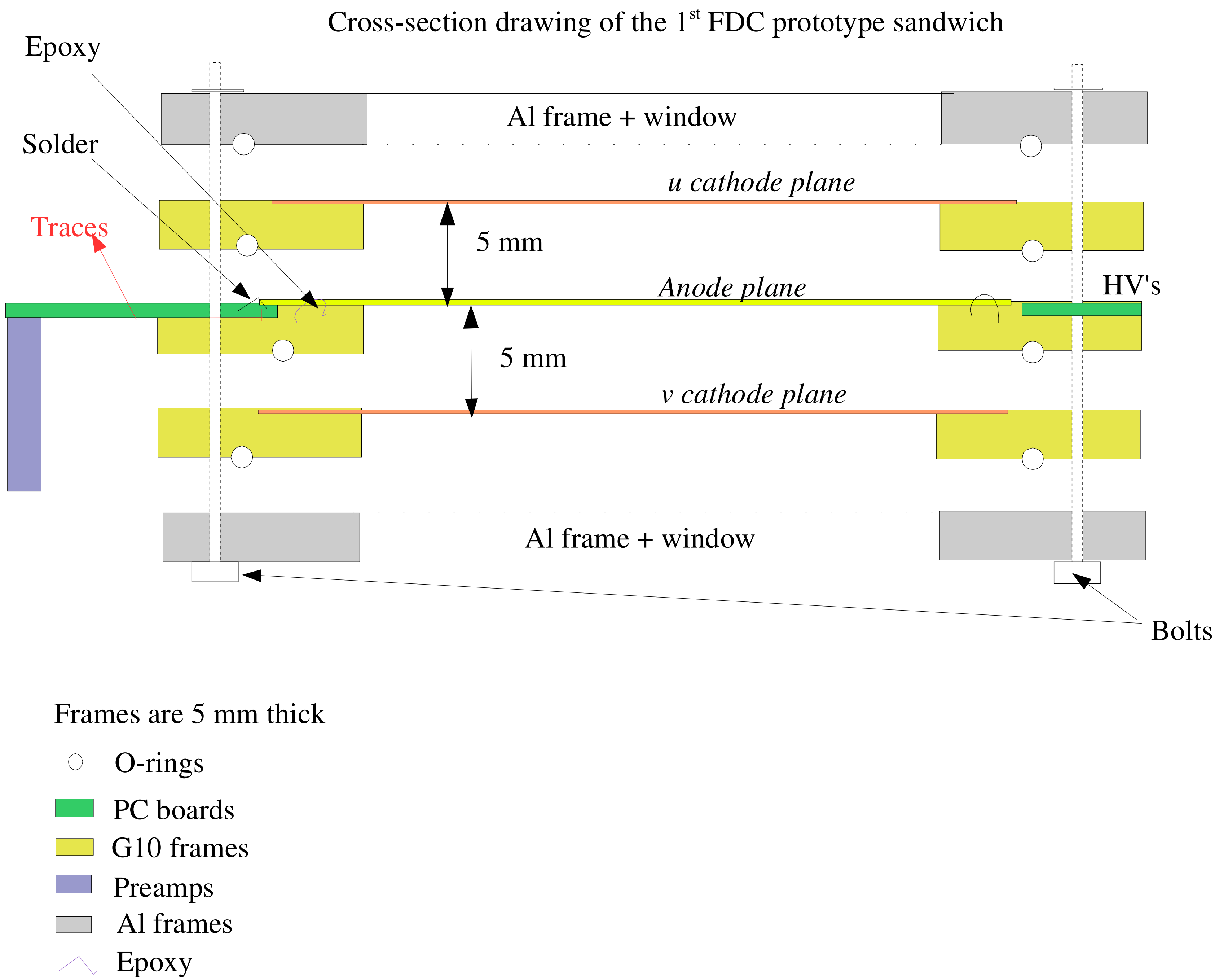


Front view of the anode plane (field wires are placed in half the plane).
Sense-field separation = .5 cm


Preamps
PC Board
Side view of
one of the cathode planes
Copper on kapton
Cathode strips width = 5 mm
Strip separation = 1 mm


Cross-section drawing of the 1st FDC prototype sandwich
Epoxy
Solder
Traces
Al frame + window
u cathode plane
5 mm
Anode plane
HV's
5 mm
v cathode plane
Al frame + window
Bolts
Frames are 5 mm thick
O-rings
PC boards
G10 frames
Preamps
Al frames
Epoxy

Exploded view of the 1st FDC prototype