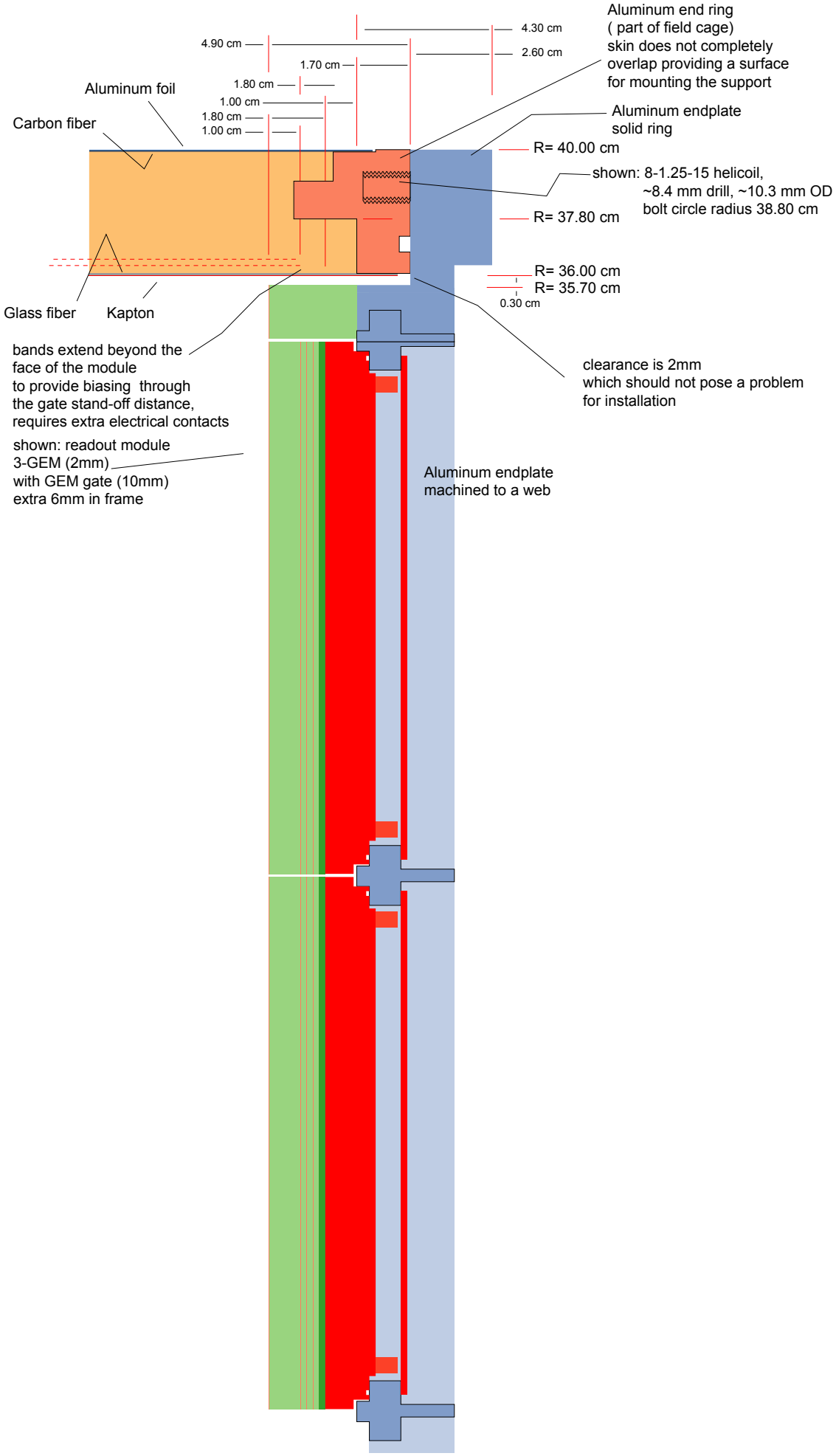
Aluminum end ring
(part of field cage)
skin does not completely
overlap providing a surface
for mounting the support
4.30 cm
2.60 cm
4.90 cm
1.70 cm
1.80 cm
1.00 cm
1.80 cm
1.00 cm
Aluminum foil
Carbon fiber
Aluminum endplate
solid ring
R= 40.00 cm
shown: 8-1.25-15 helicoil,
~8.4 mm drill, ~10.3 mm OD
bolt circle radius 38.80 cm
R= 37.80 cm
R= 36.00 cm
R= 35.70 cm
0.30 cm
Glass fiber
Kapton
bands extend beyond the
face of the module
to provide biasing through
the gate stand-off distance,
requires extra electrical contacts
clearance is 2mm
which should not pose a problem
for installation
shown: readout module
3-GEM (2mm)
with GEM gate (10mm)
extra 6mm in frame
Aluminum endplate
machined to a web