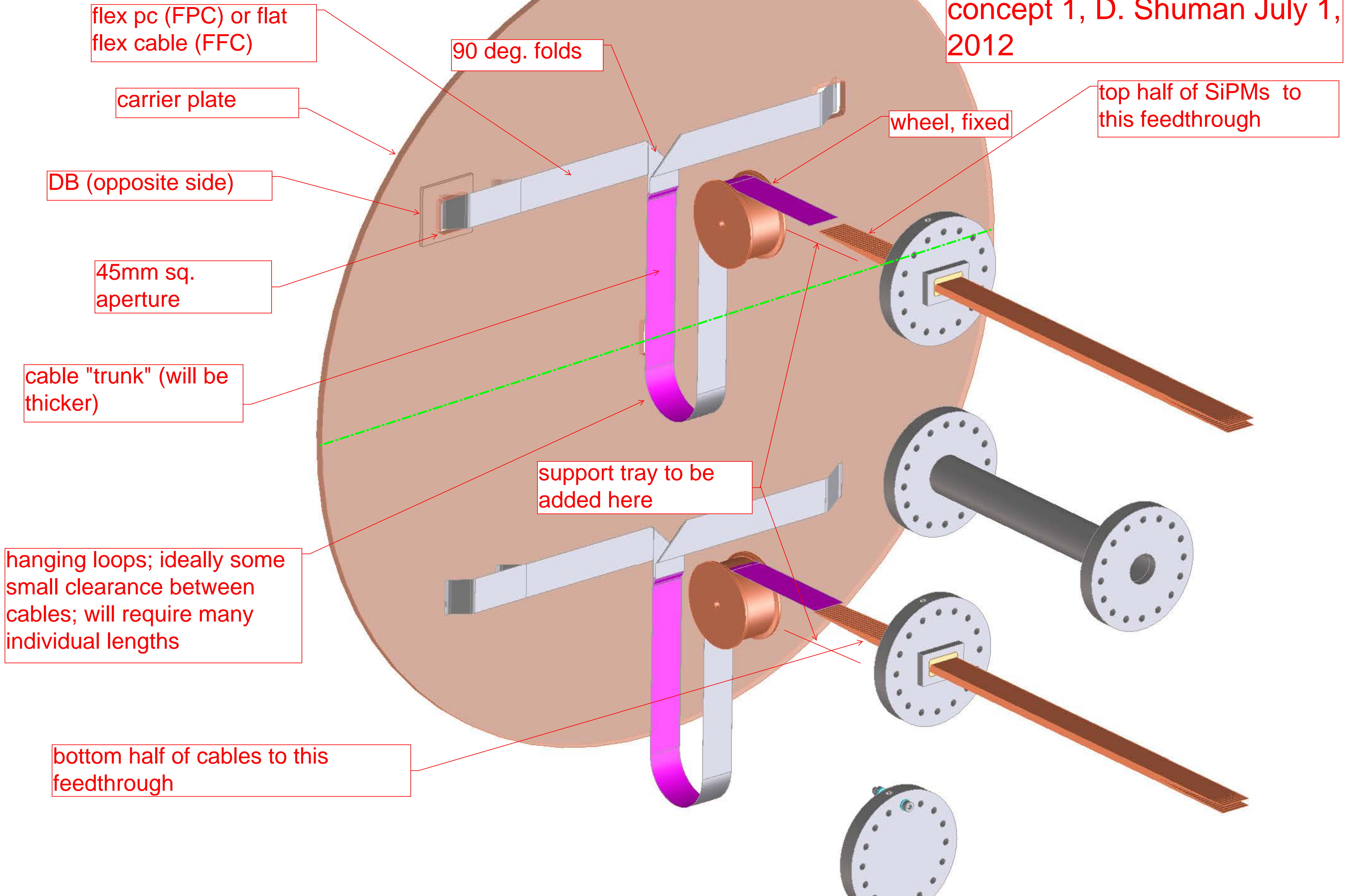


# Tracking Plane Cabling concept 1, D. Shuman July 1, 2012





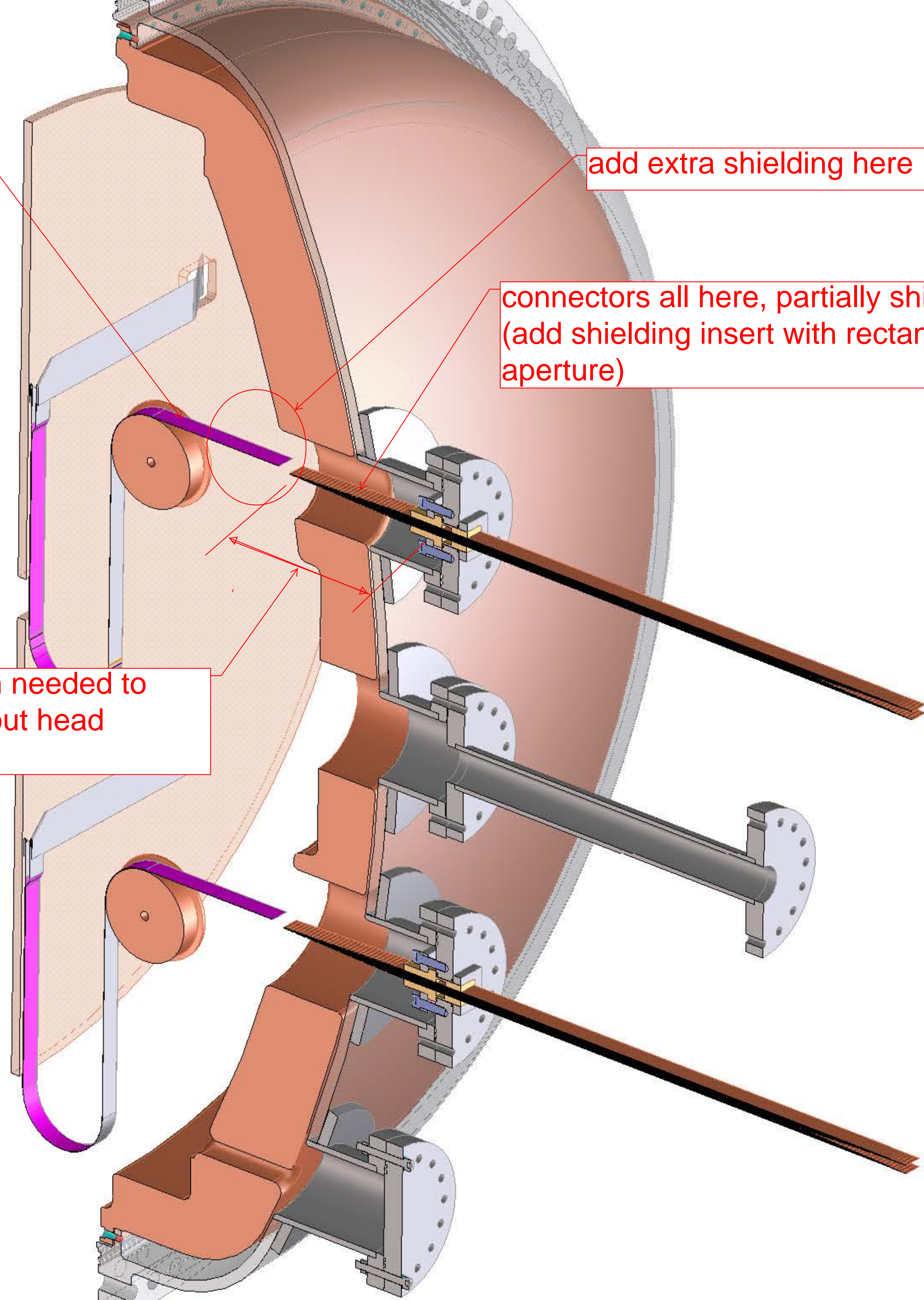
cross section view,  
showing integration  
with head and internal  
shield (same shield as  
for energy plane)

1.2m cable  
length, DB -  
feedthrough

add extra shielding here

connectors all here, partially shielded  
(add shielding insert with rectangular  
aperture)

20 cm extra cable length needed to  
access connectors without head  
removal



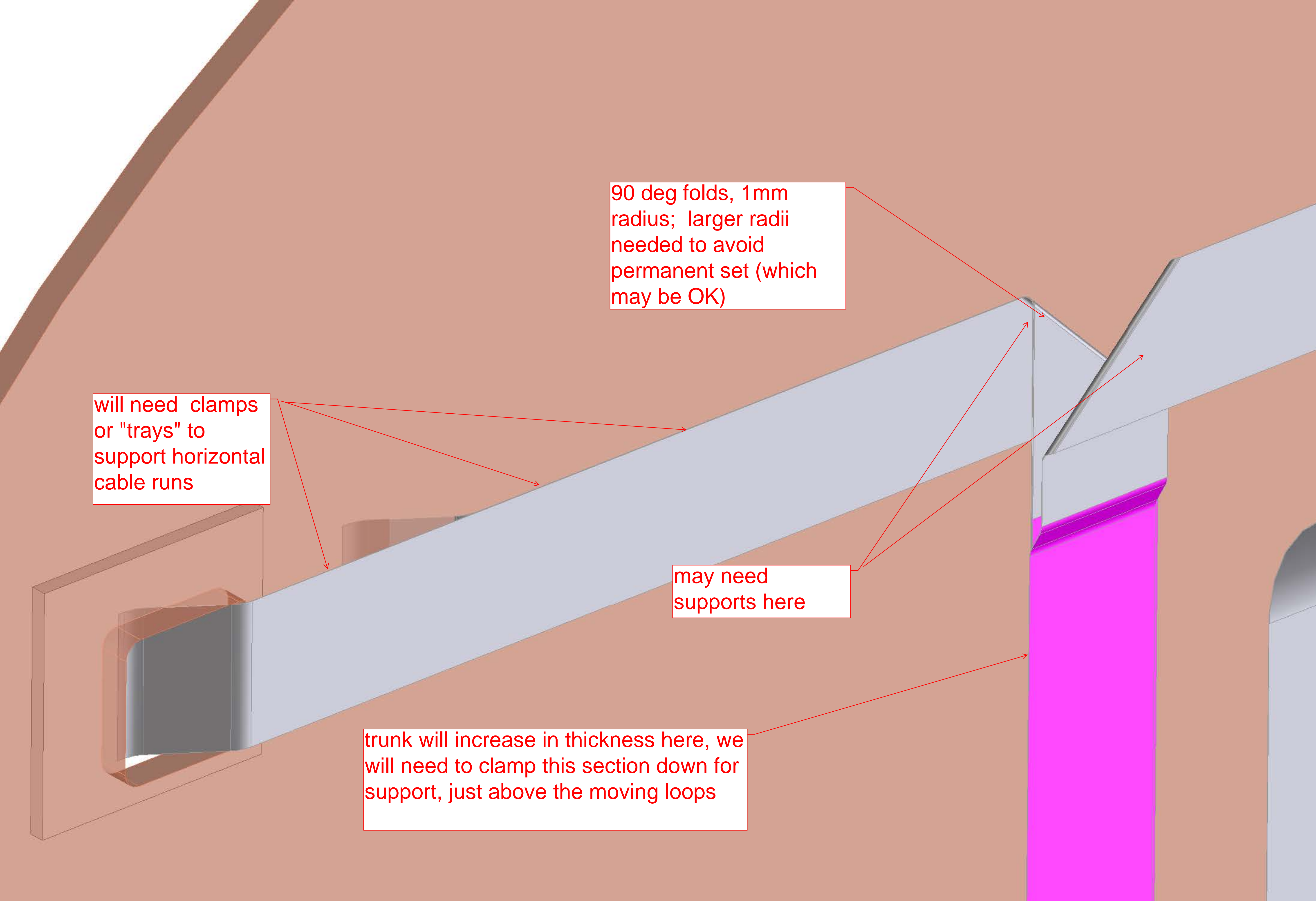


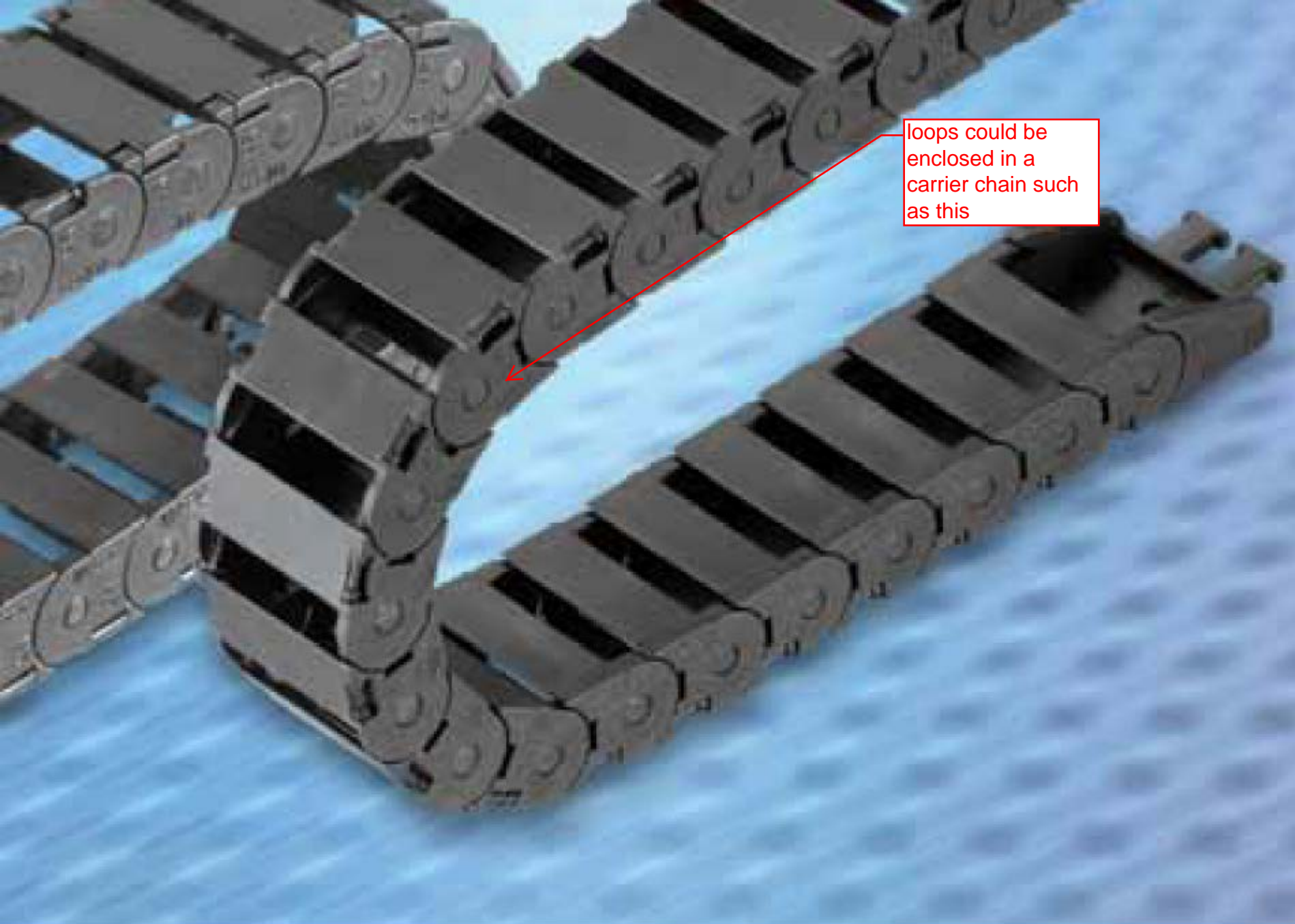
90 deg folds, 1mm  
radius; larger radii  
needed to avoid  
permanent set (which  
may be OK)

will need clamps  
or "trays" to  
support horizontal  
cable runs

may need  
supports here

trunk will increase in thickness here, we  
will need to clamp this section down for  
support, just above the moving loops





loops could be enclosed in a carrier chain such as this