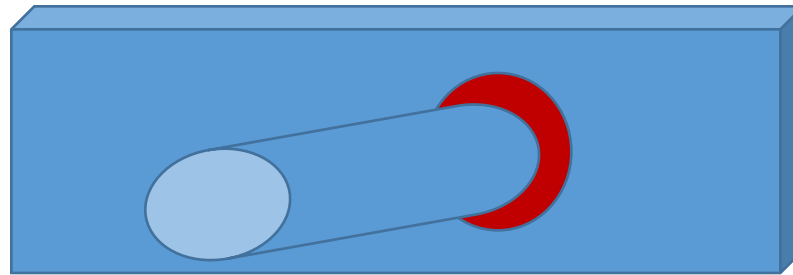


3-4 air terminals
1-Secondary OSS
1-Primary OSS
1 or 2 Counterweights

Air terminal
Thompson 56 Nickel plated
36" height
1/2" diameter



Bronze swivel base
Thompson 30
Bolt directly to end of
OSS Radial arms



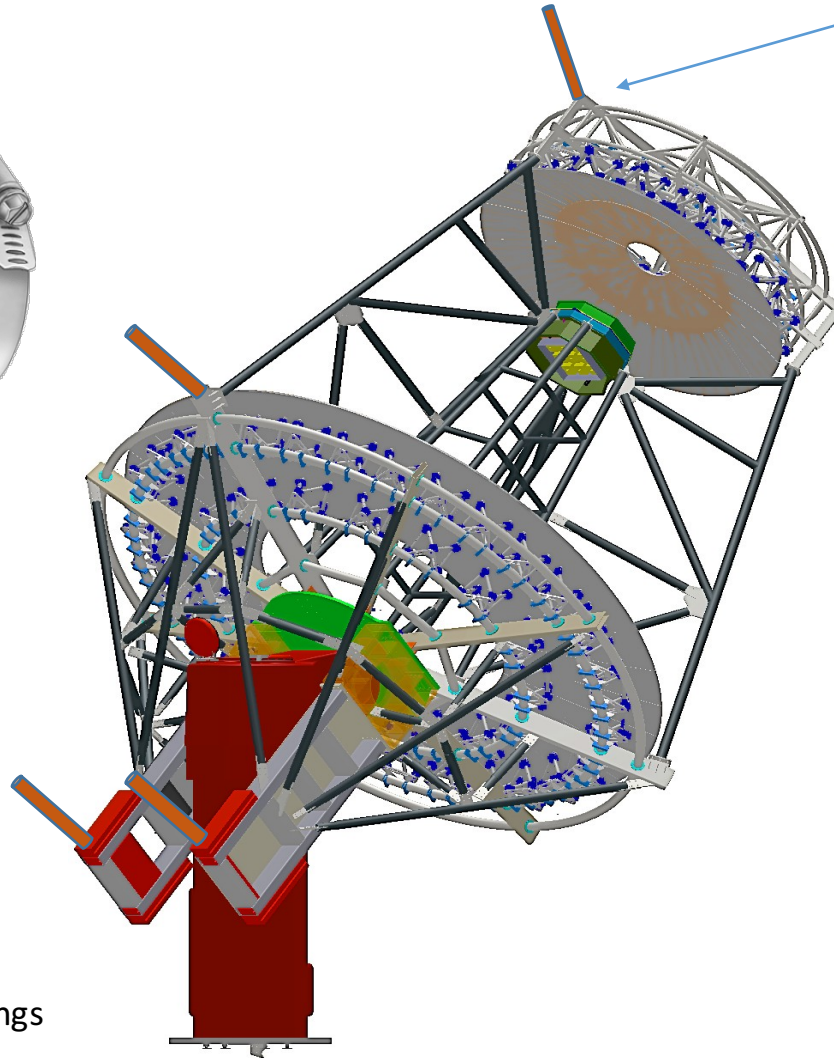


4/0 welding cable class M

Secure on
Telescope trusses
With steel cable clamps



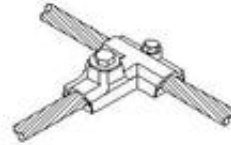
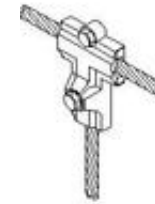
Bonding lugs
To tie ground to
*tower below azimuthal
Bearing
*Motor head above azimuthal
bearing/below elevation bearings



Air terminal angle?
Depends upon parking position?



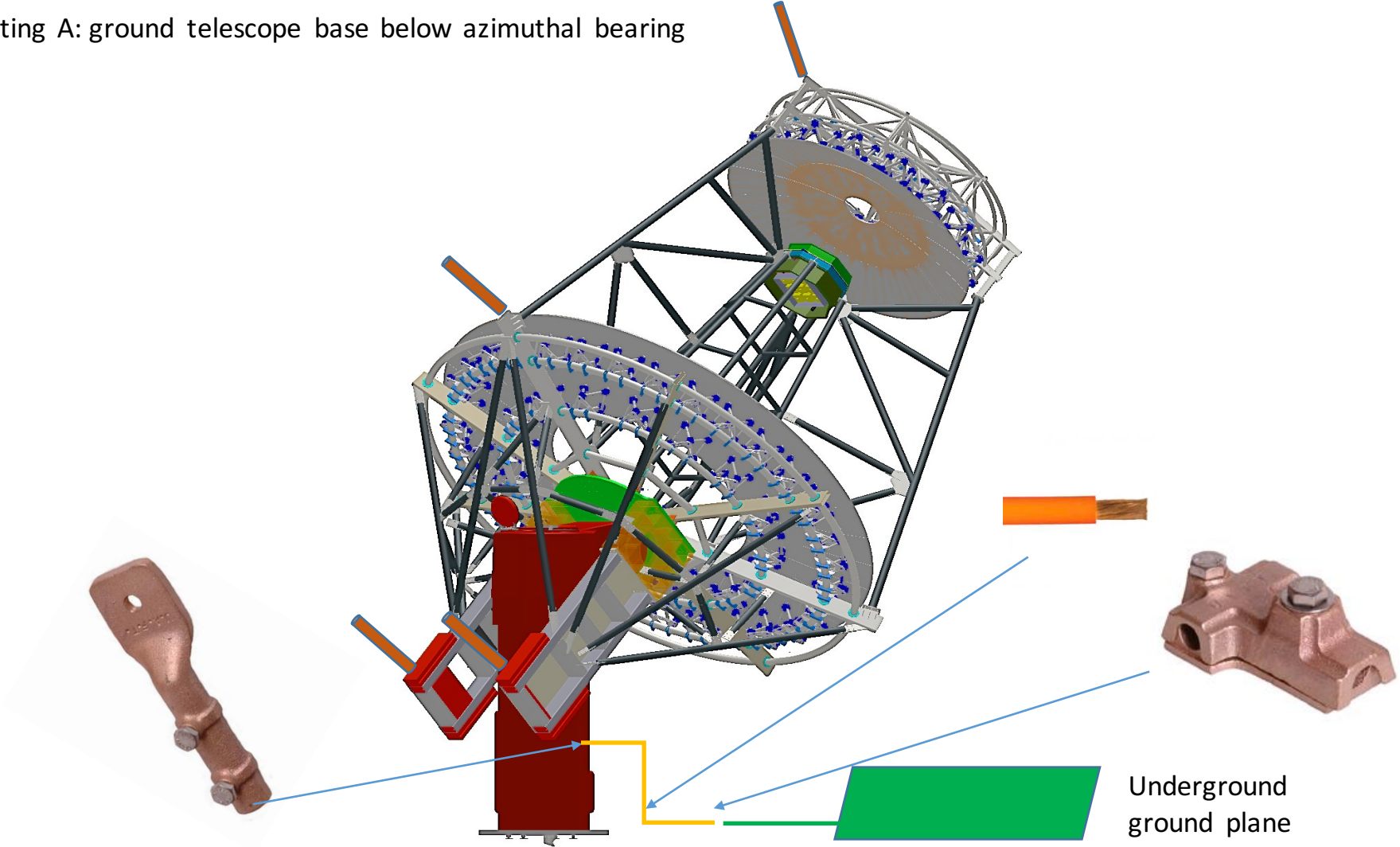
Adjustable
angle



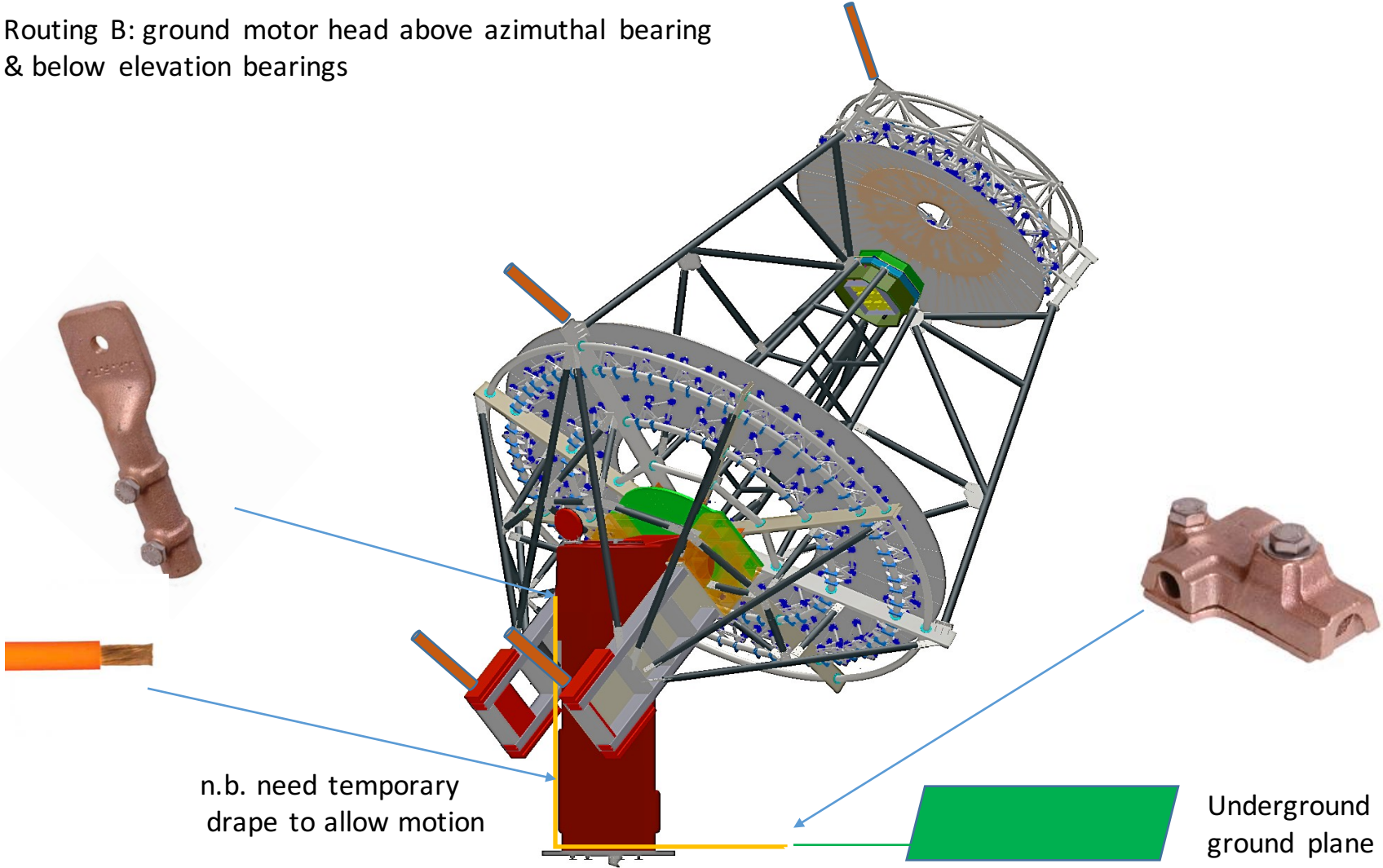
T and parallel splicers



Routing A: ground telescope base below azimuthal bearing



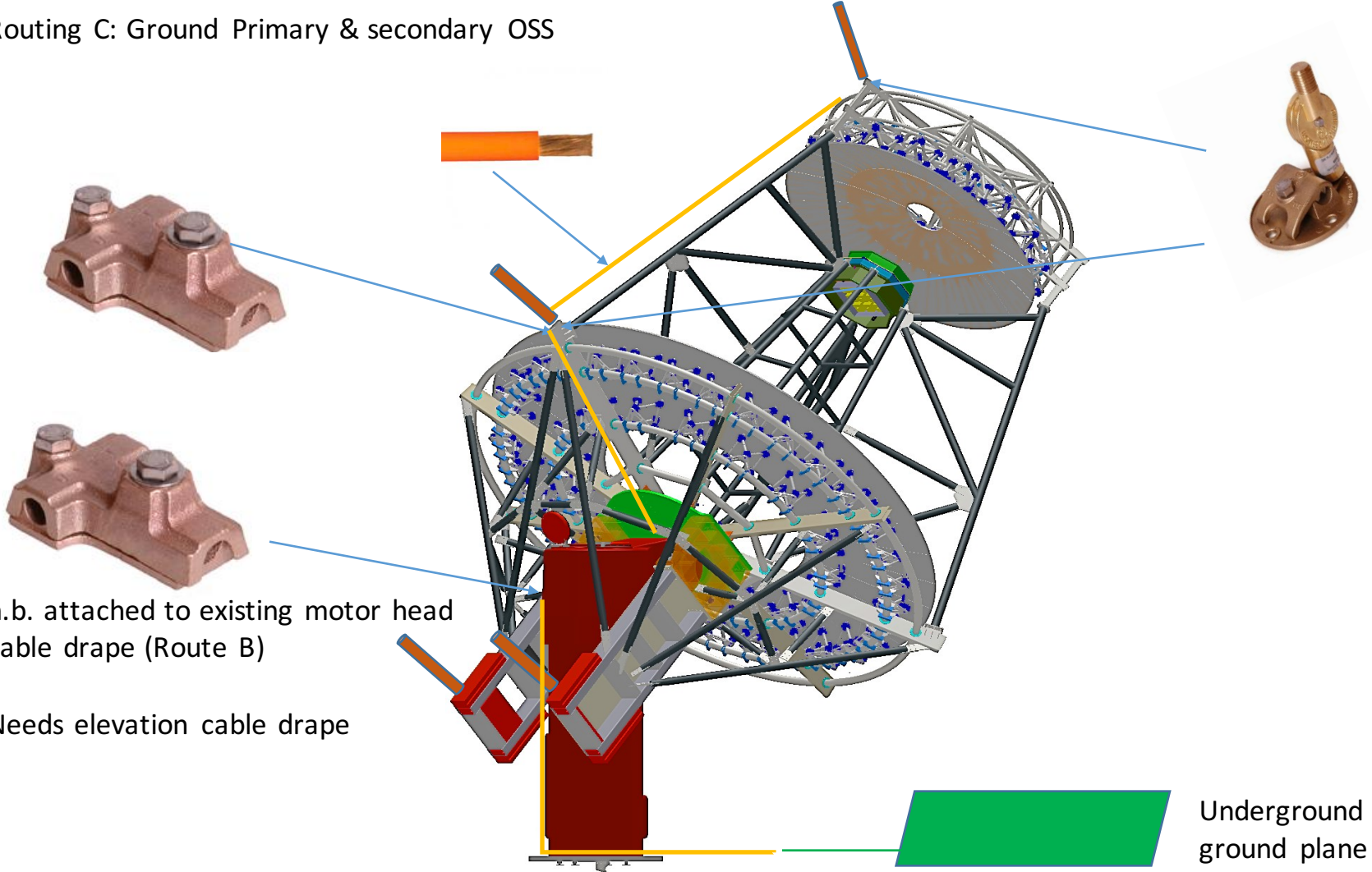
Routing B: ground motor head above azimuthal bearing & below elevation bearings



n.b. need temporary drape to allow motion

Underground ground plane

Routing C: Ground Primary & secondary OSS

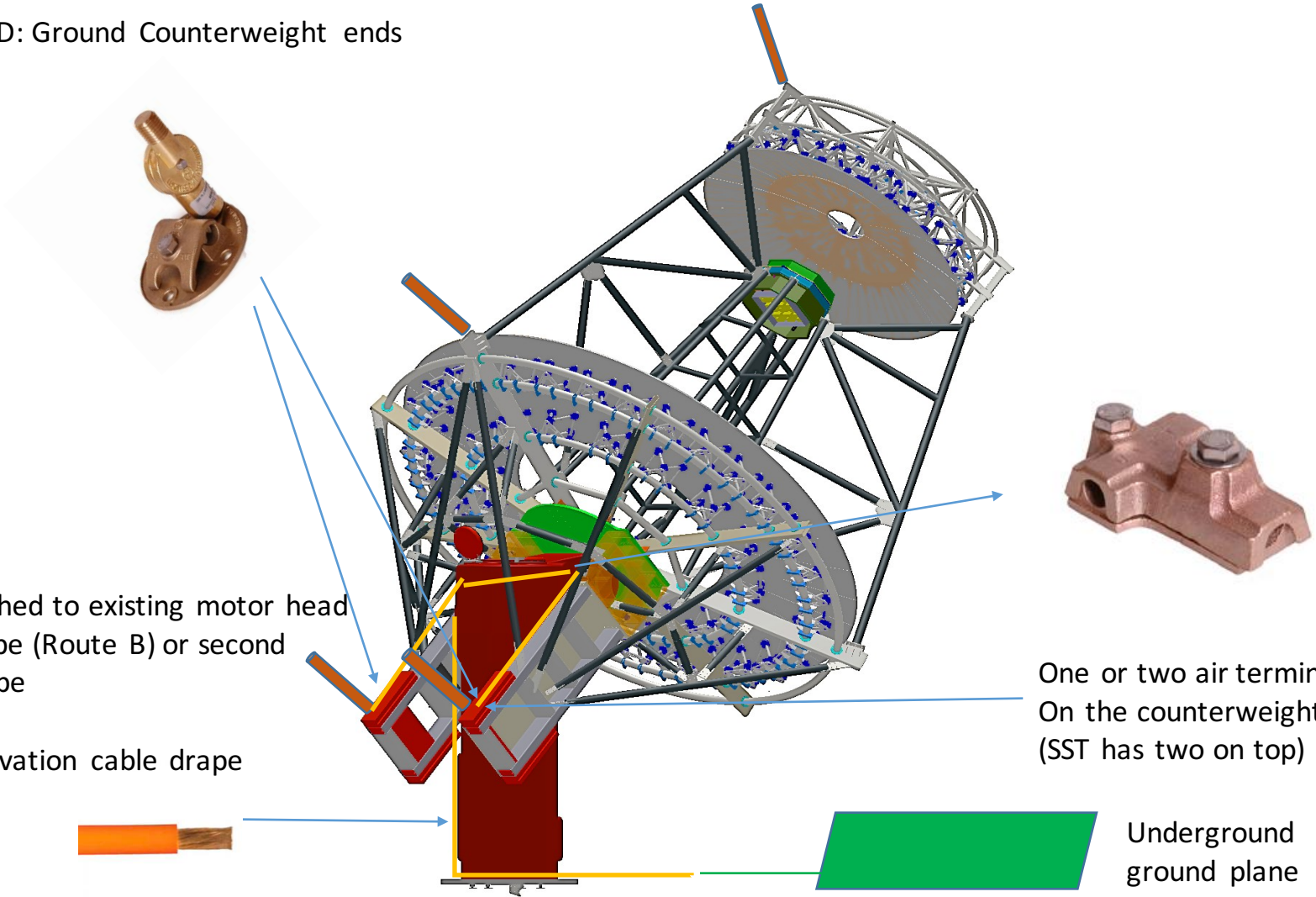


n.b. attached to existing motor head cable drape (Route B)

Needs elevation cable drape

Underground ground plane

Routing D: Ground Counterweight ends



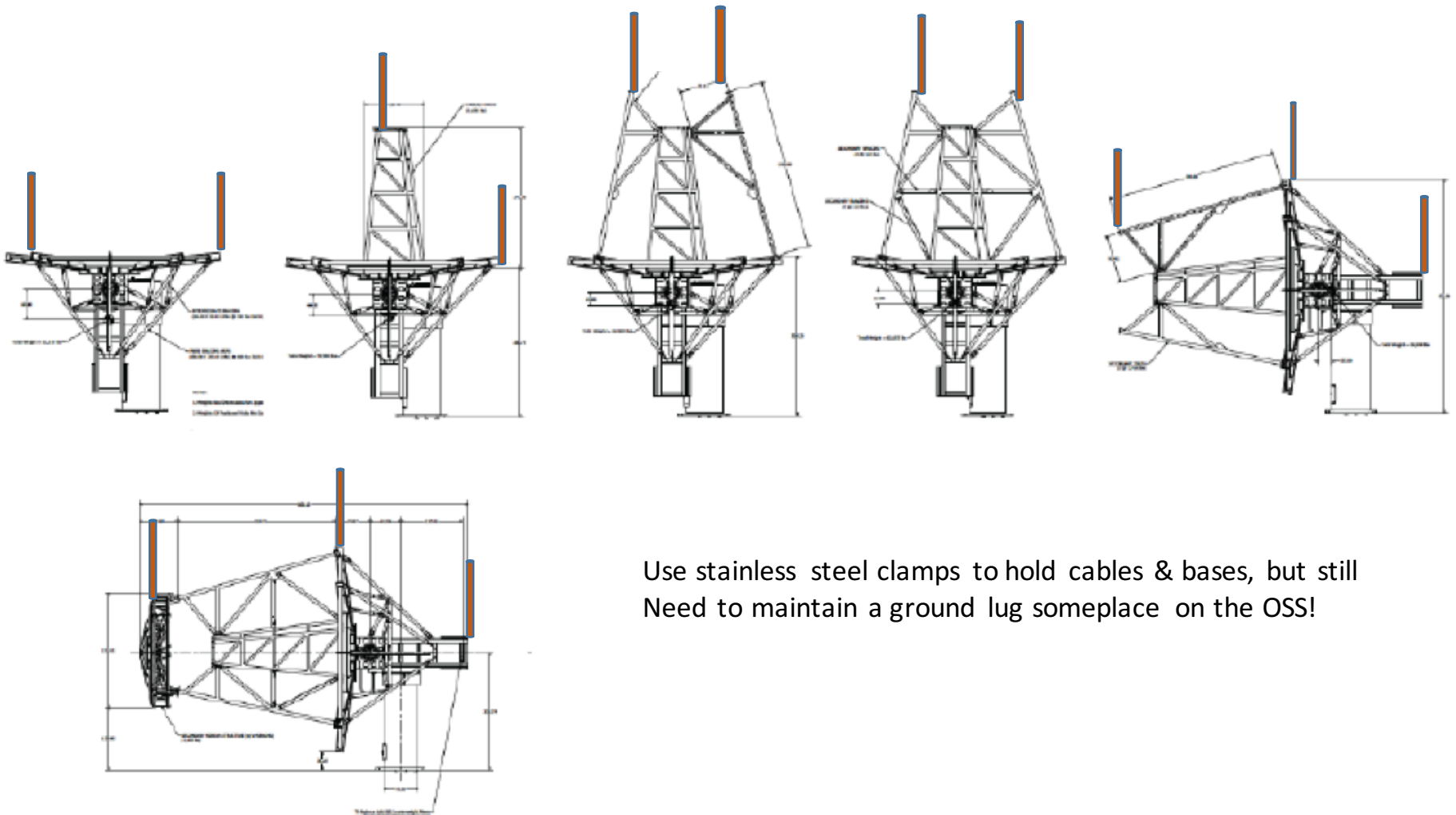
n.b. attached to existing motor head cable drape (Route B) or second Cable drape

Needs elevation cable drape

One or two air terminals
On the counterweights?
(SST has two on top)

Underground
ground plane

n.b. Need to move & reorient the air terminals as construction progresses!



Use stainless steel clamps to hold cables & bases, but still
Need to maintain a ground lug someplace on the OSS!