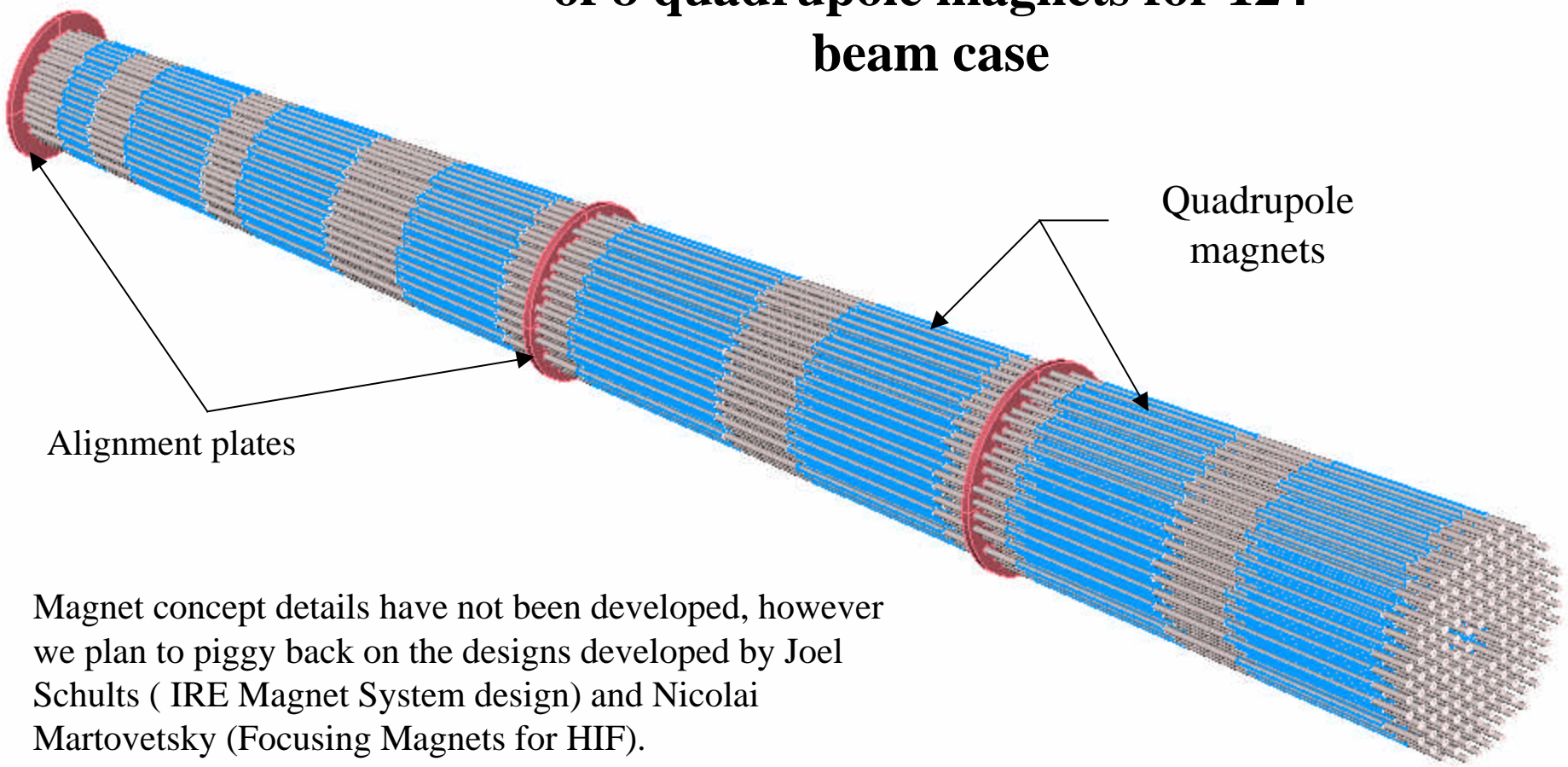
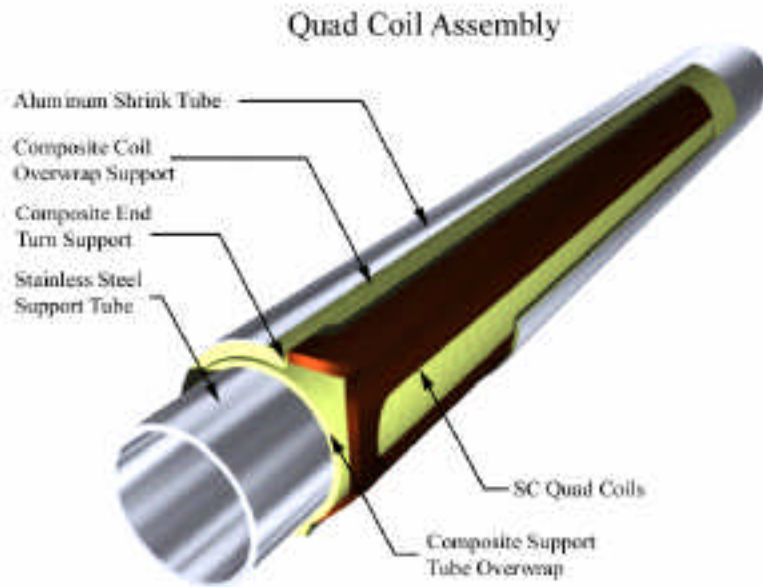


# Basic geometry and arrangement of 8 quadrupole magnets for 124 beam case



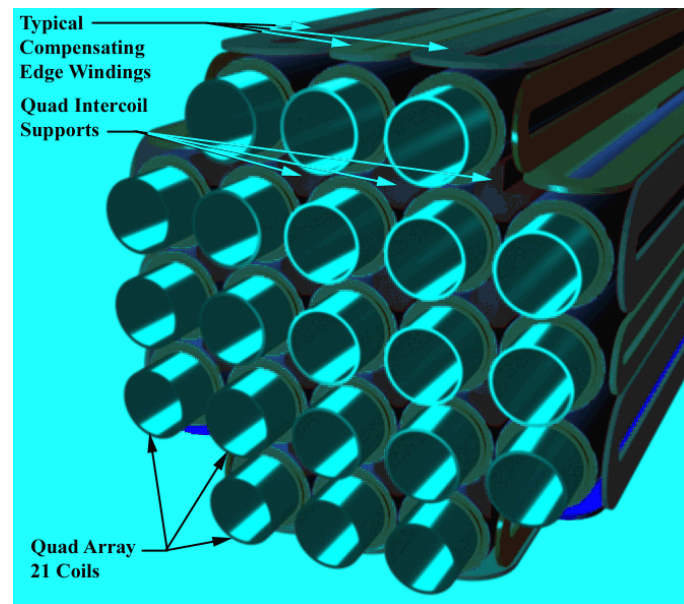
Magnet concept details have not been developed, however we plan to piggy back on the designs developed by Joel Schults ( IRE Magnet System design) and Nicolai Martovetsky (Focusing Magnets for HIF).



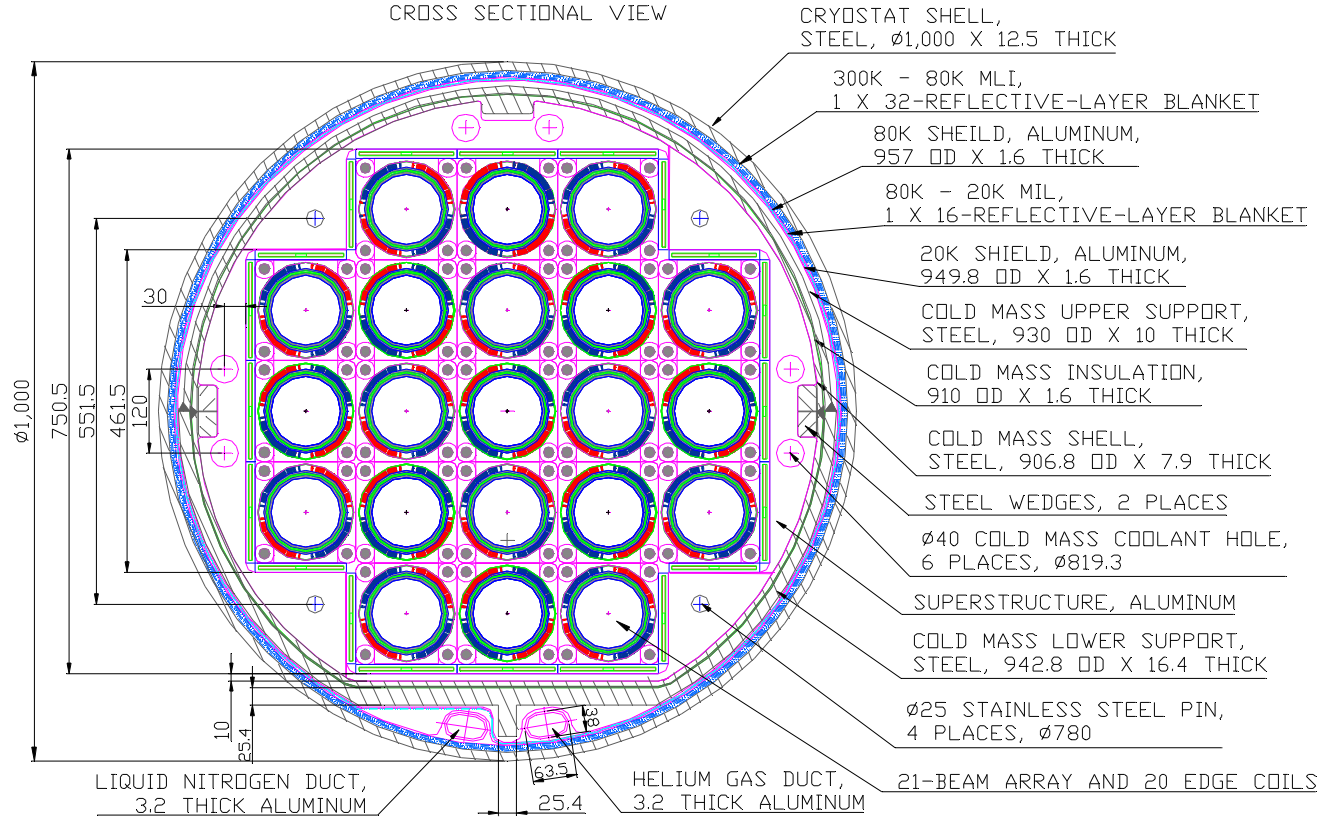
Single Quadrupole Coil Assembly

**IRE Magnet System design concept details are shown on the following three sheets.**

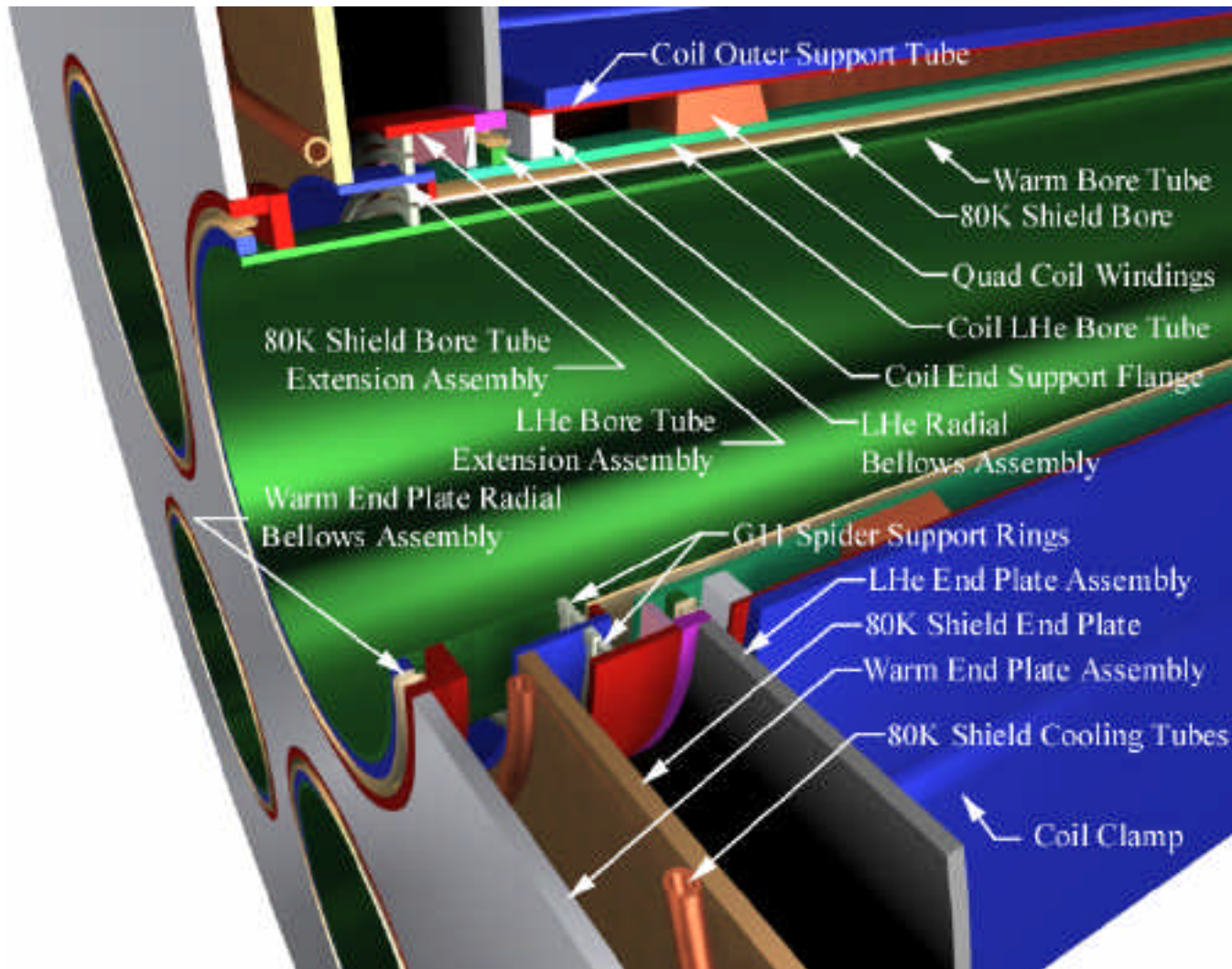
Quadrupole Coil Array with Edge Windings and Intercoil Supports



ARRAY CRYOSTAT  
CROSS SECTIONAL VIEW



Array Cryostat



**Cutaway isometric of four quadrupoles in array,  
end flange and thermal isolation system (IRE Magnet  
System)**