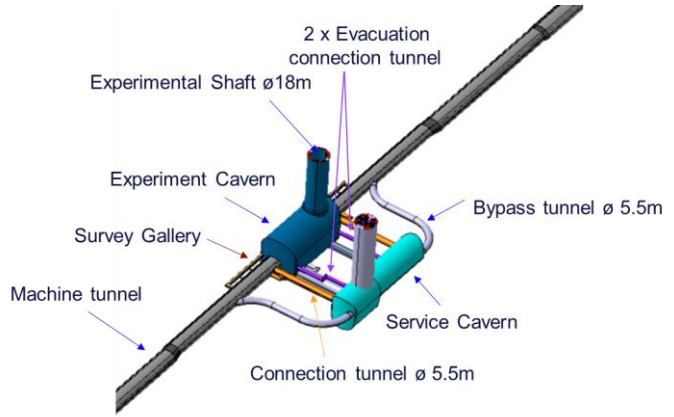
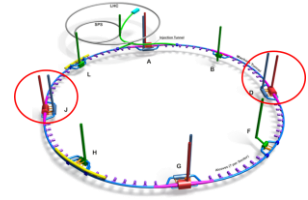


# INTEGRATION NEWS

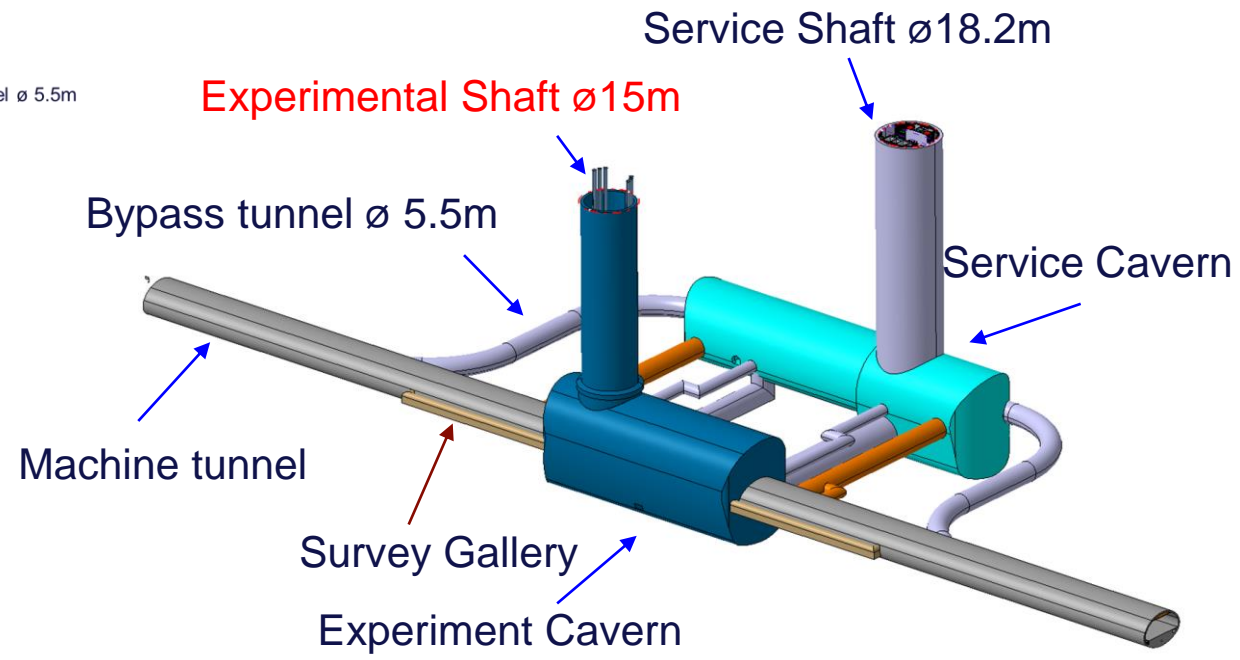
## Integration topics:

- Integration of Underground structure point D \_ FR (ST1914309\_01)
- Integration of Underground structure point B \_ FR (ST1875595\_01)
- FCC Alcoves
  - Big Alcove
  - Small Alcove

# FCC Underground Structure at point D

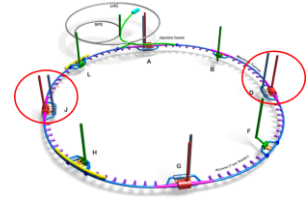
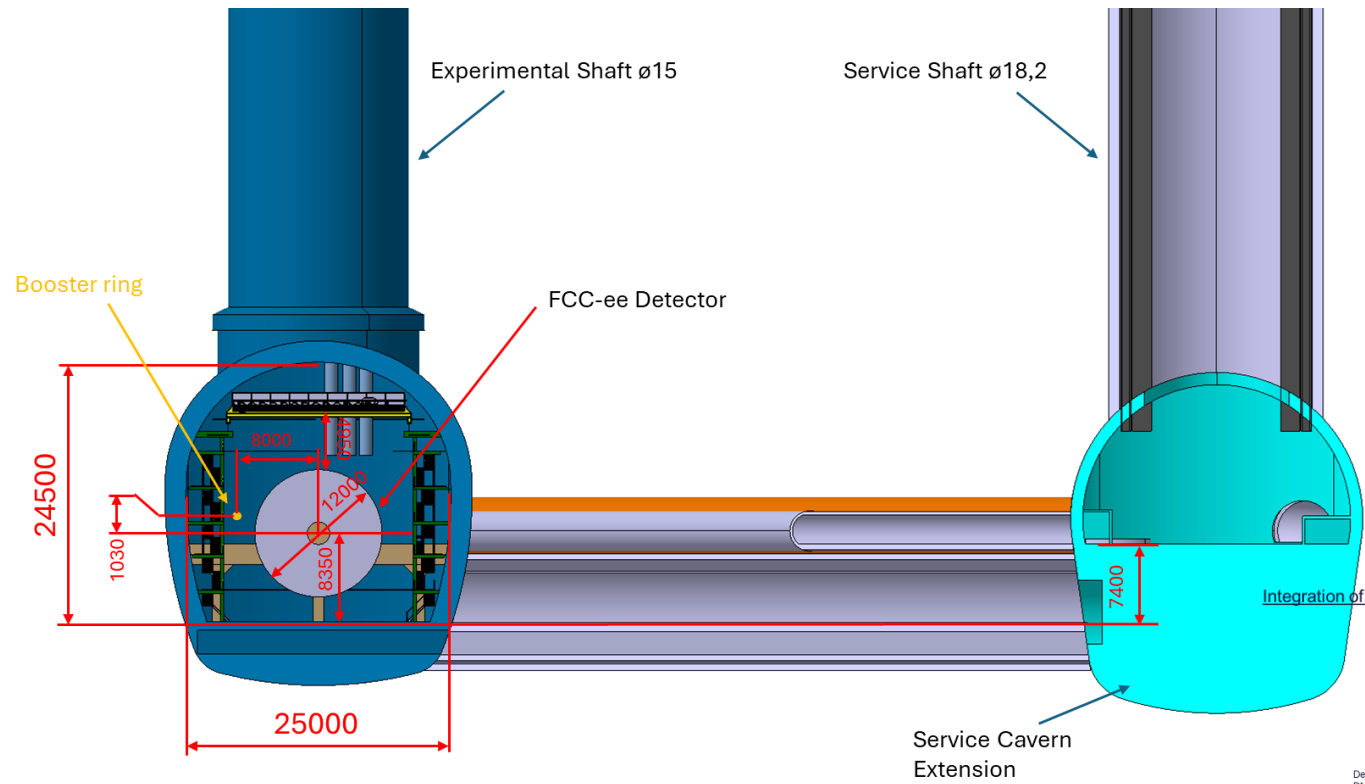


Underground structure point A

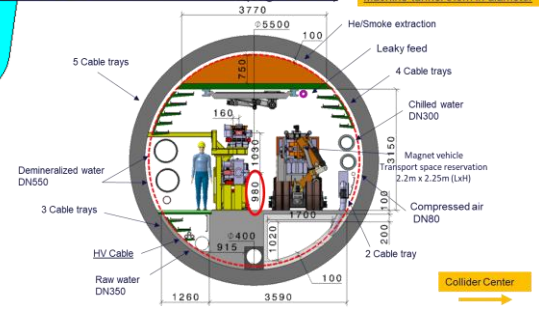


Underground structure point D

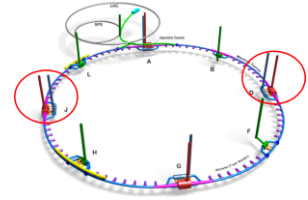
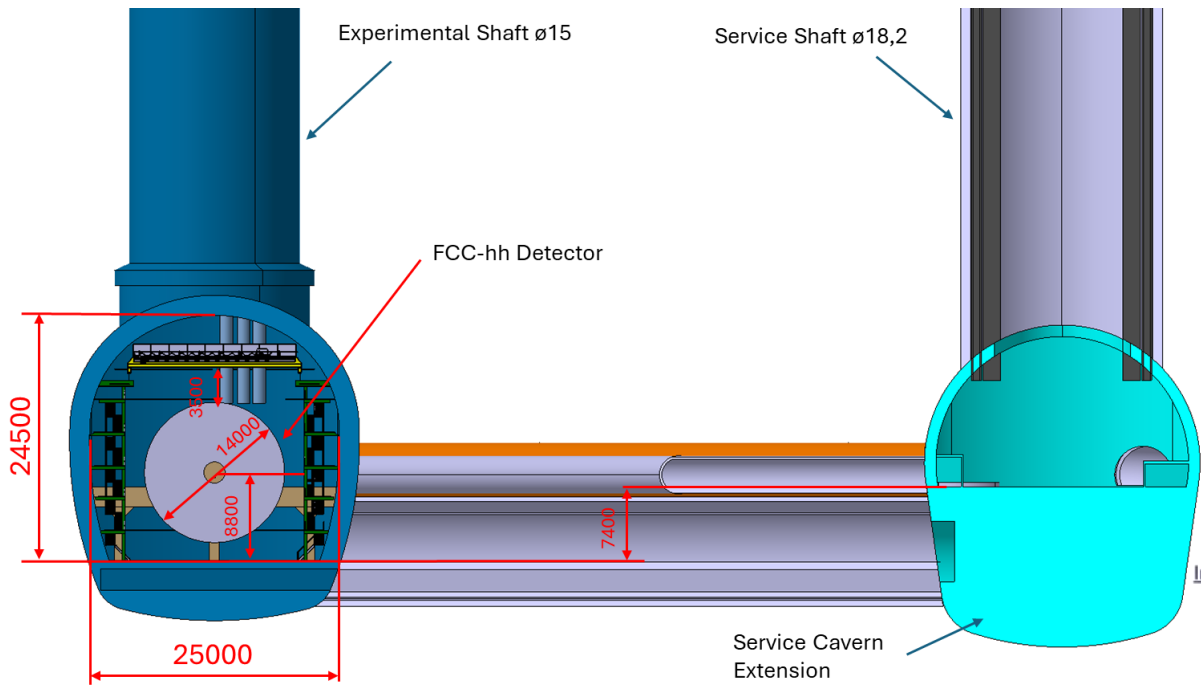
# FCC-ee Underground Structure at point D



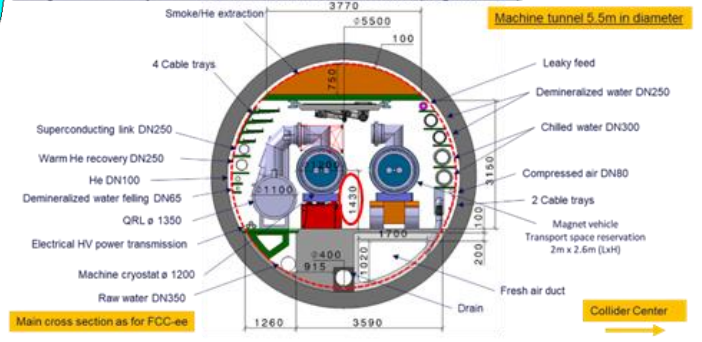
Integration of FCC-ee machine elements (regular arc) Machine tunnel 5.5m in diameter



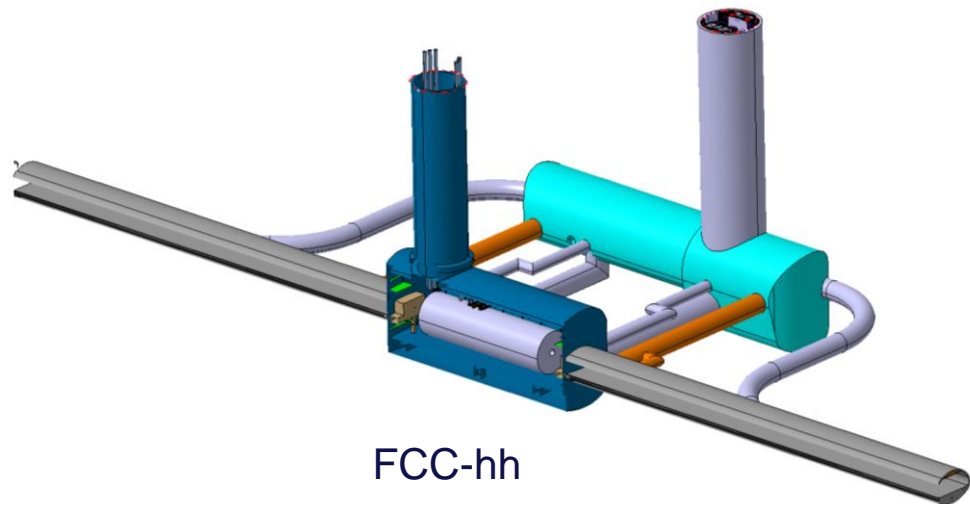
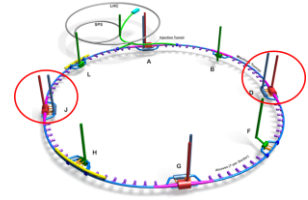
# FCC-hh Underground Structure at point D



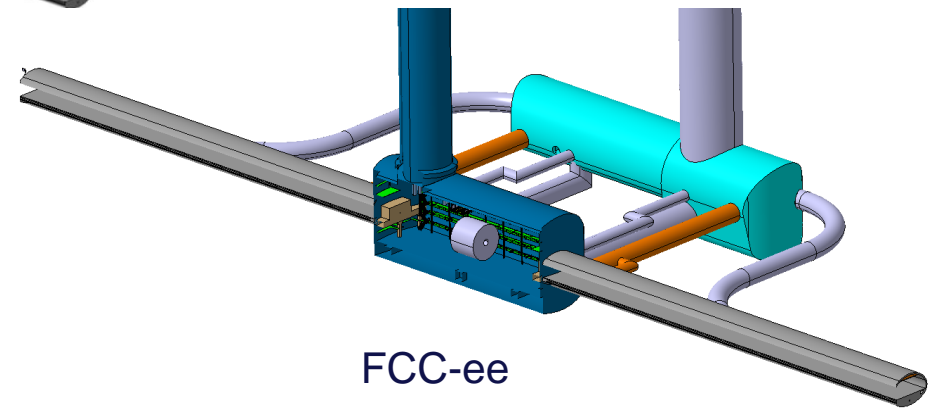
Integration study of FCC-hh machine elements (regular arc)



# FCC Underground Structure at point D

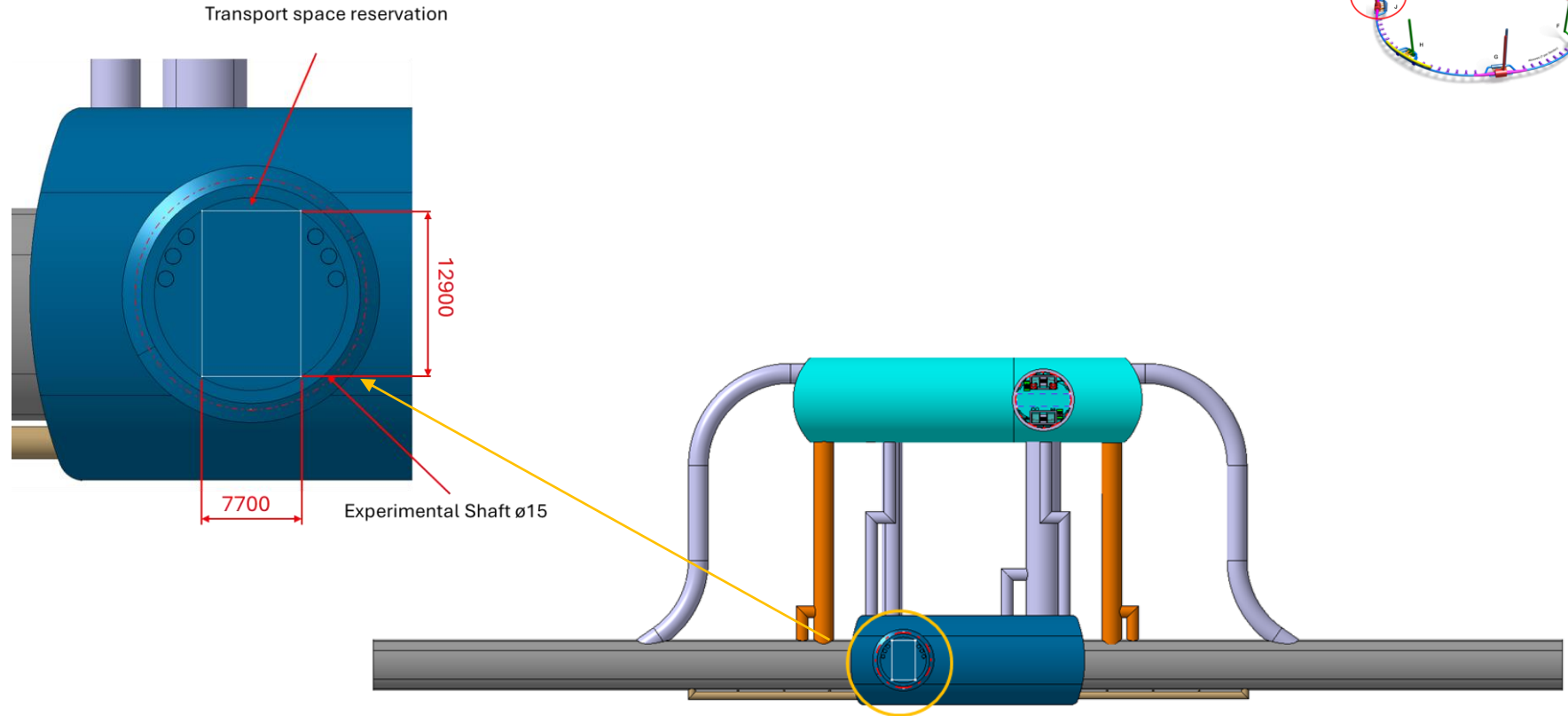
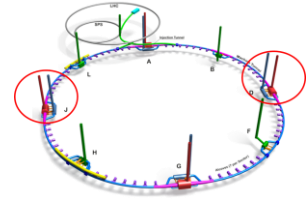


FCC-hh

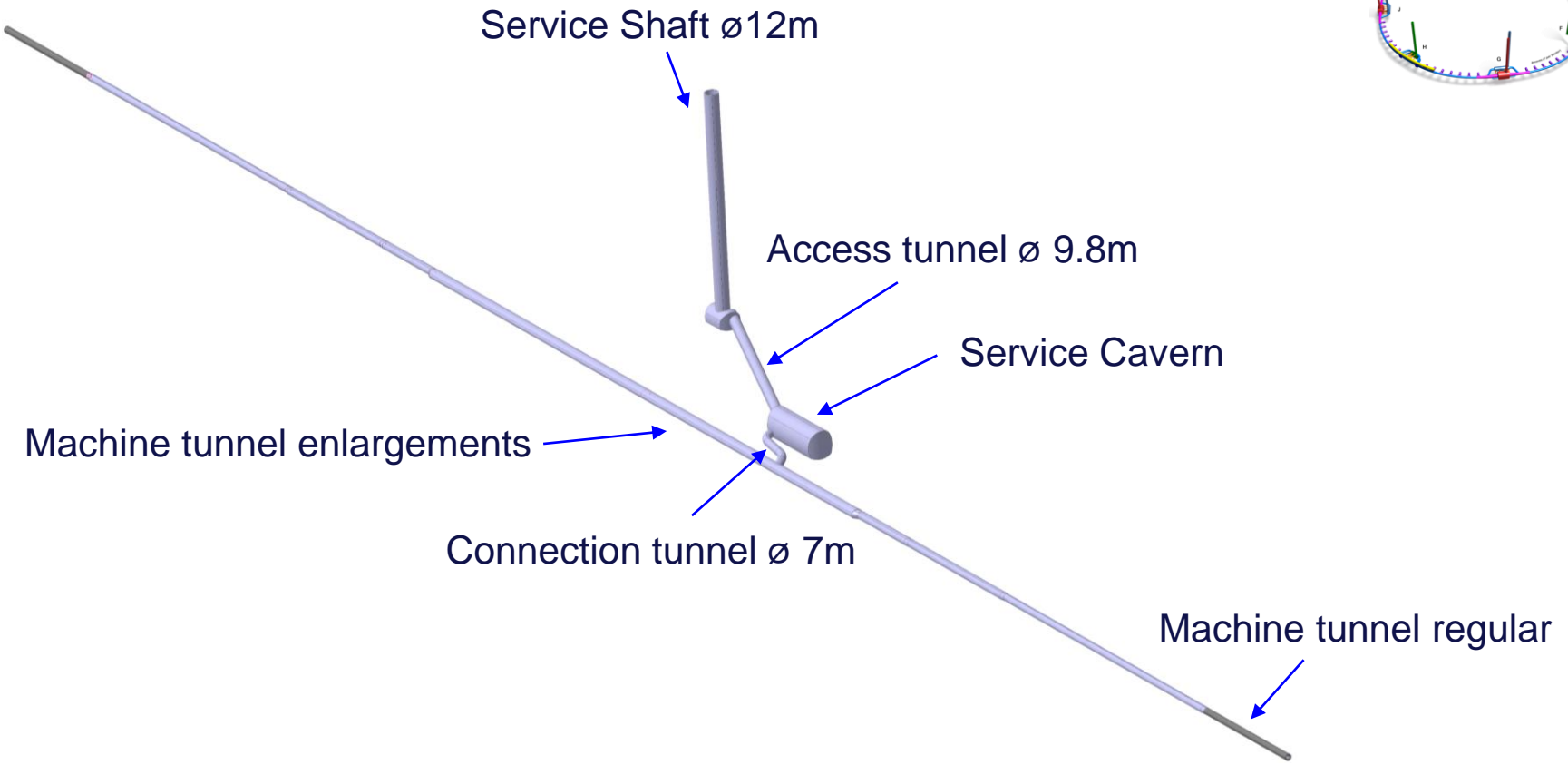
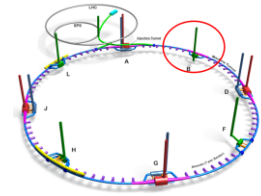


FCC-ee

# FCC Underground Structure at point D

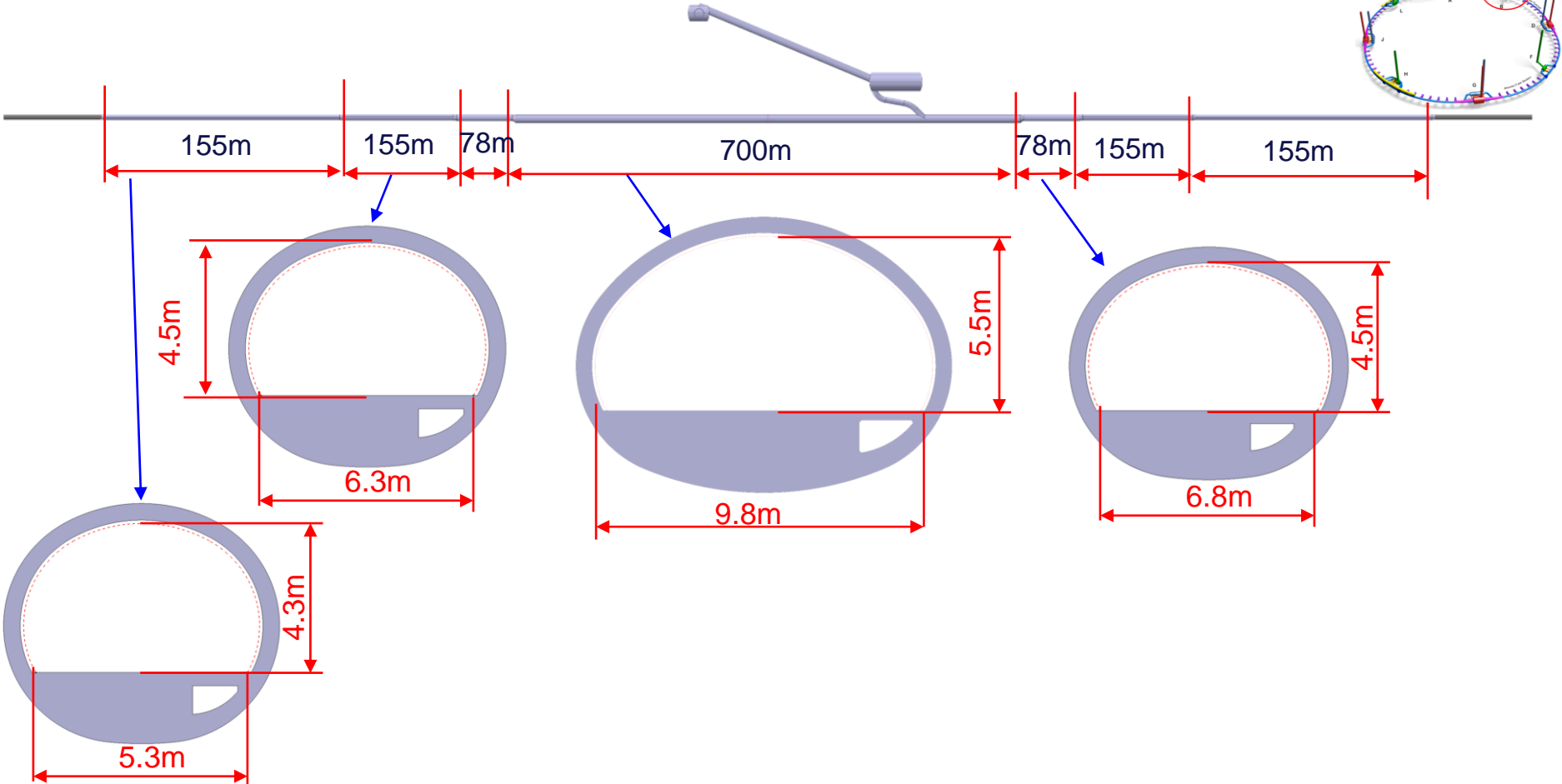


# FCC-ee Underground Structure at point B

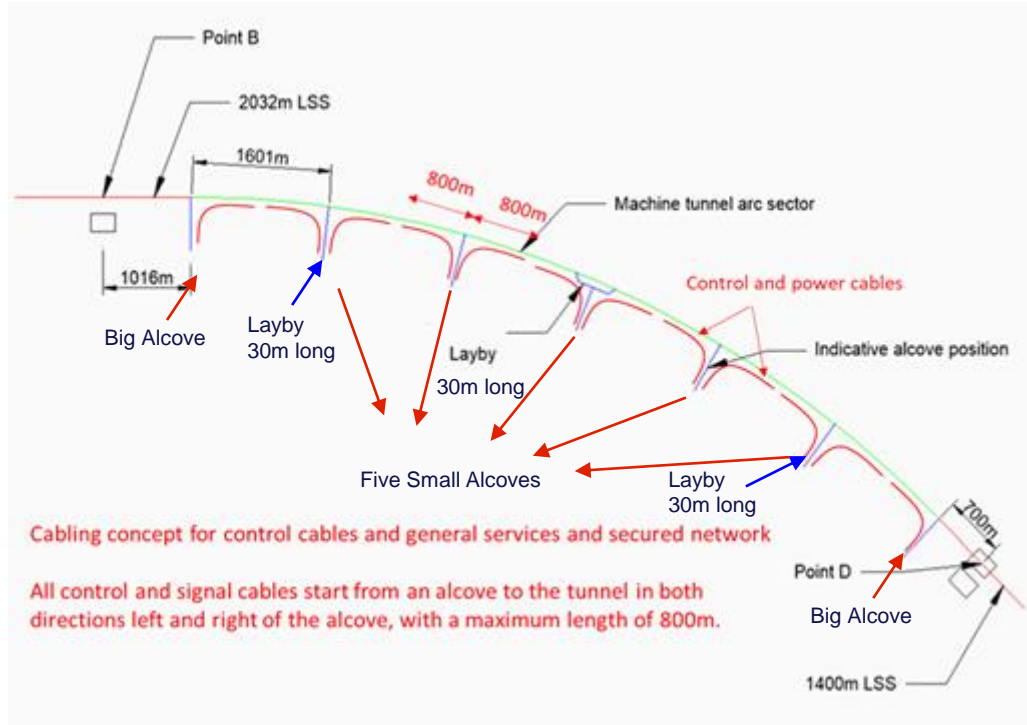
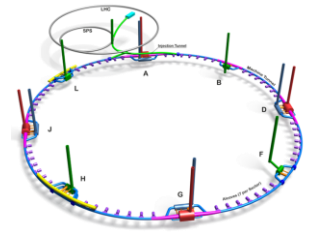




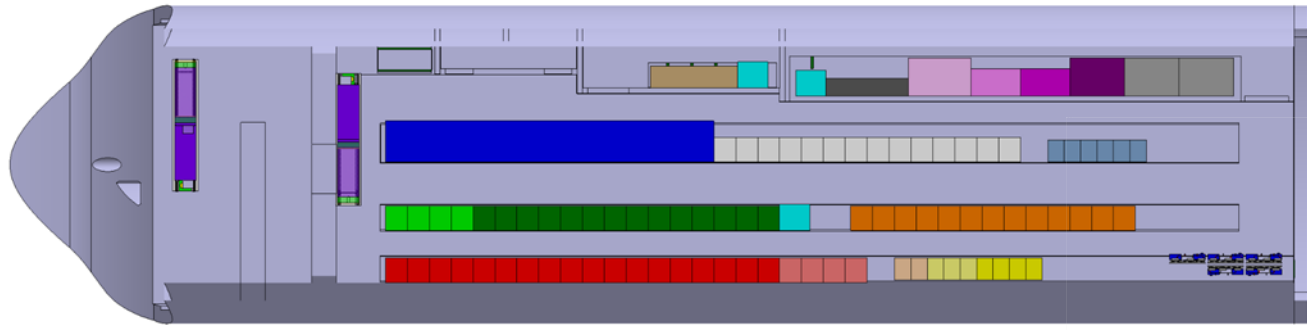
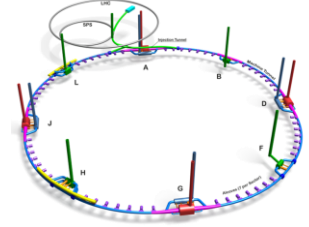
# FCC-ee Underground Structure at point B



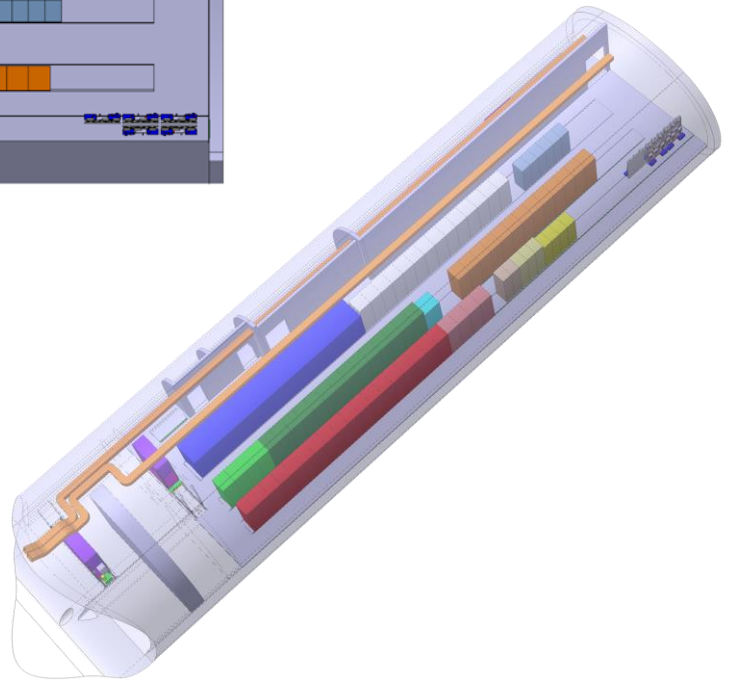
# FCC Alcoves



# FCC Small alcove integration study

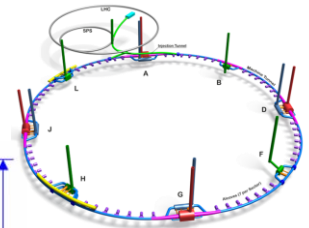
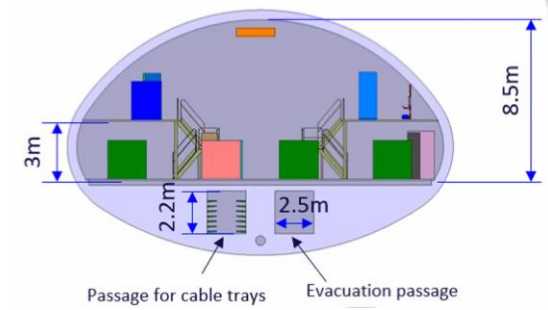
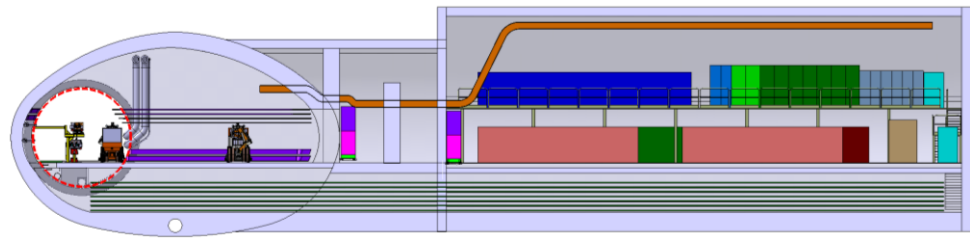


- User Racks
- Booster Racks
- Alarm , Light and Spare Racks
- Control and Fibre Optic Racks
- CPS System
- Orbit Racks
- Collider Racks
- Miscellaneous Racks
- Control Cubicle
- Air Handling Unit
- Booster Racks
- Dipole tapering Racks
- LV power centre
- 630 kVA transformer general
- MV cubicles general
- MV cubicles EPC
- 800 kVA transformer
- EPC switchboard
- UPS systems
- Cryo Racks

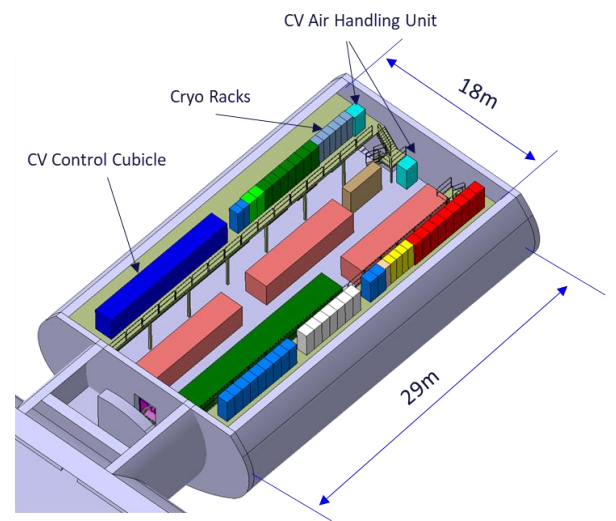
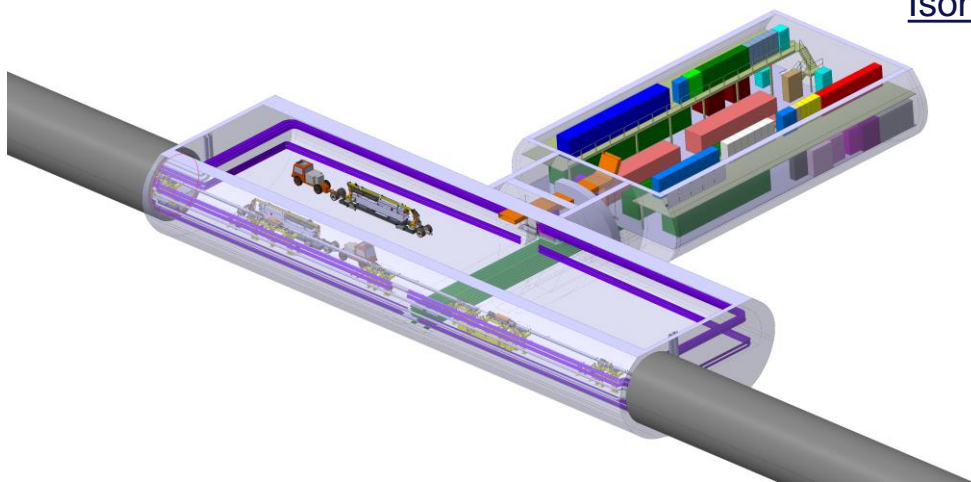


# FCC Big alcove and Big transport layby integration study

Section View



Isometric View





Thank you  
for your attention.