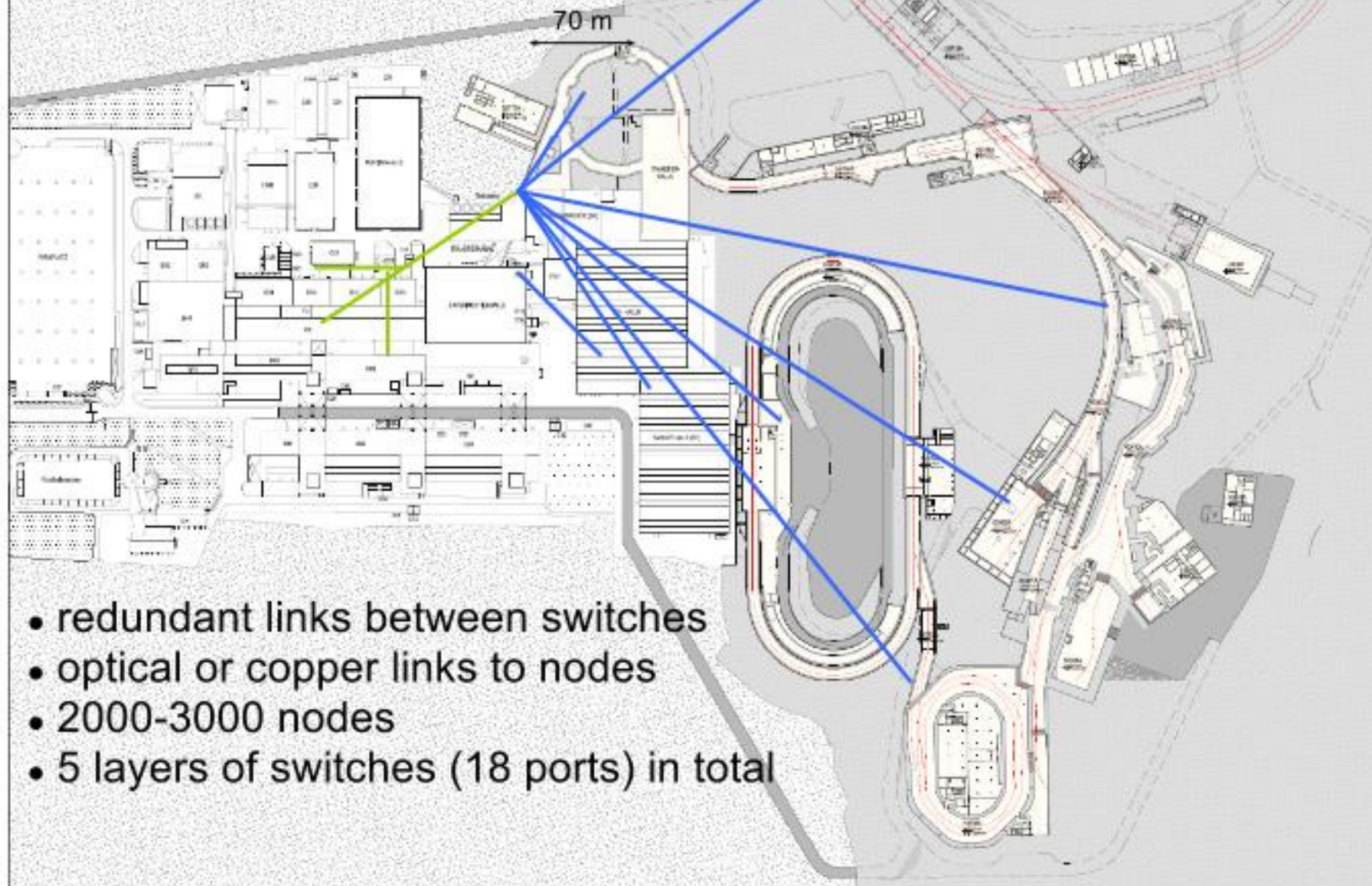


- 2012
2014
2017



- redundant links between switches
- optical or copper links to nodes
- 2000-3000 nodes
- 5 layers of switches (18 ports) in total

[illegible]