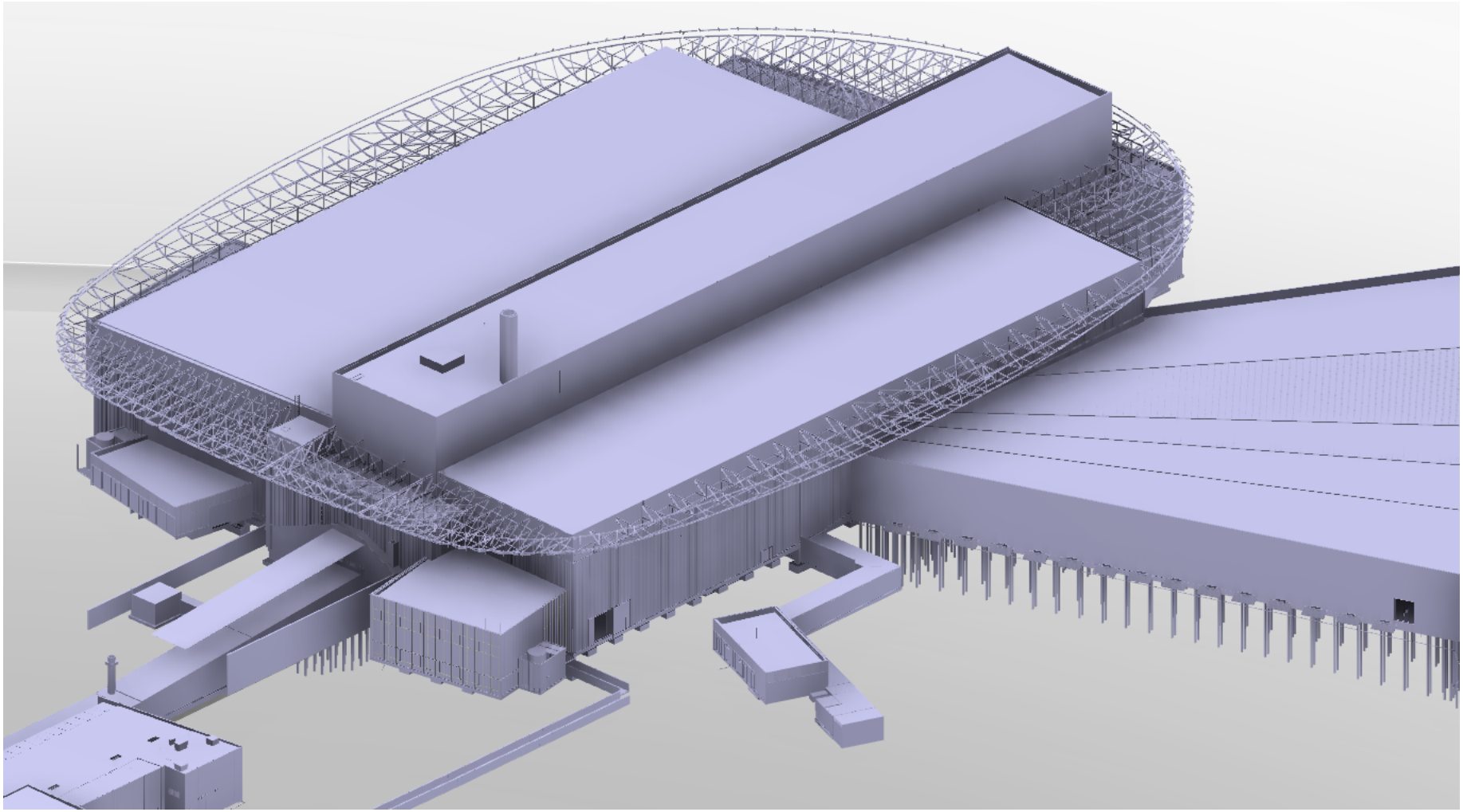
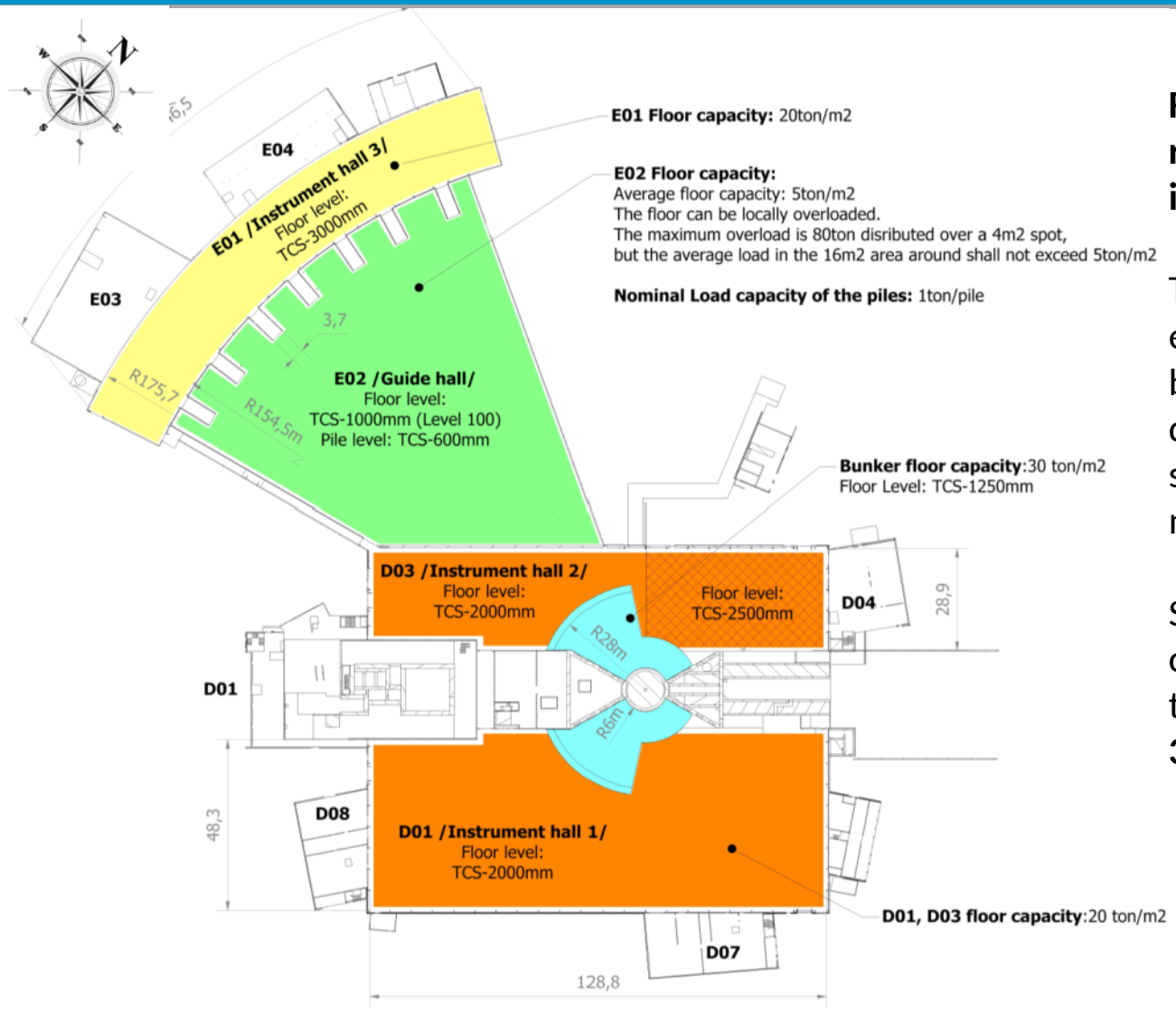
Utilities and Infrastructure Session Summary

Geometry and Explanation of Locations



Hall Area Specifics

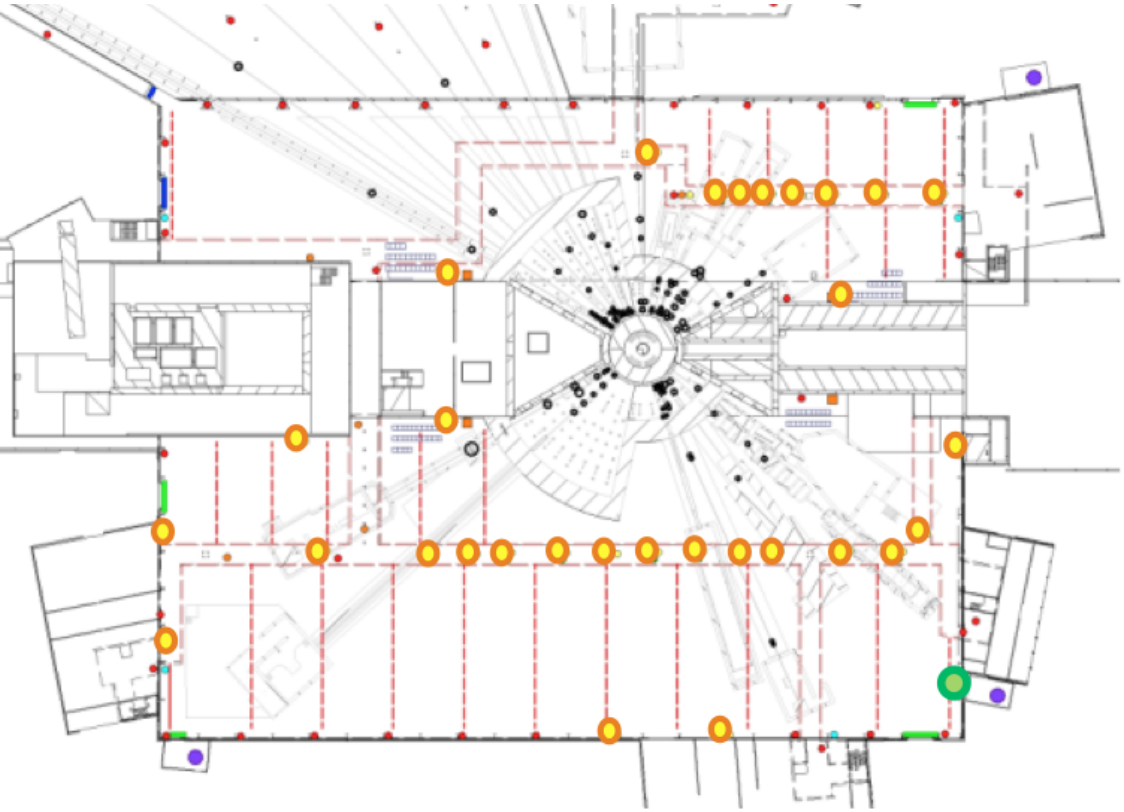


Floor settlement requirement under the instruments

The floor in the experimental halls and bunker area will due to dynamics loading have a stability for elastic movement.: **3mm**

Stability for creep/deformation over the lifespan of the facility: **3mm**

Utilities Connection



Nitrogen gas (10bar)

Deionized water (8 Bar)

Compressed air (6Bar)

LAN: 2 outlets/connections

Liquid nitrogen

- 1 filling point / sector

North Sector

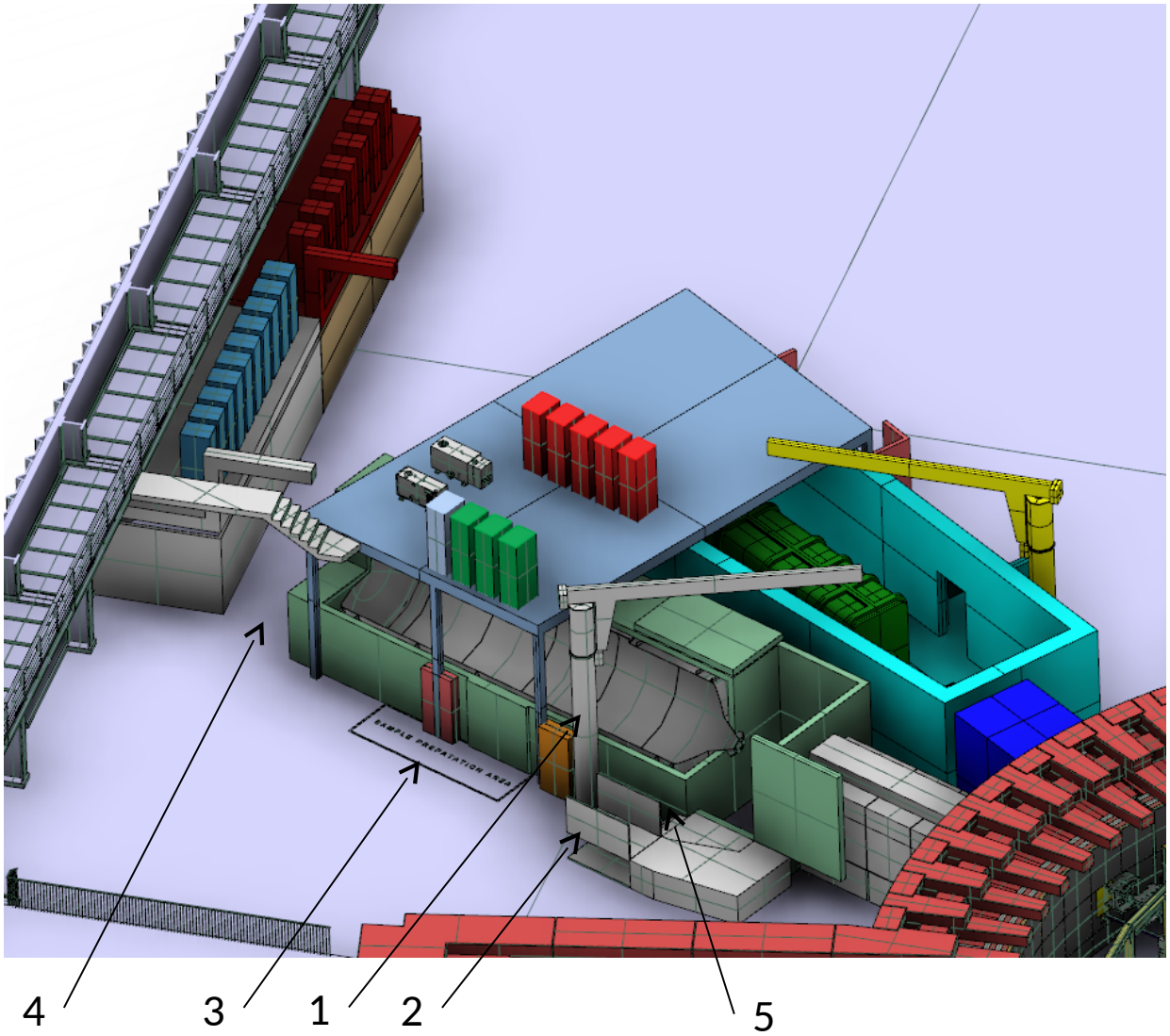
9 connections from the gallery and 2 on the wall.

East and south sector

14 connections from the gallery and 7 on the wall

Process flow chart: ESS-0046901, Layout: ESS-0046984

Example Integration

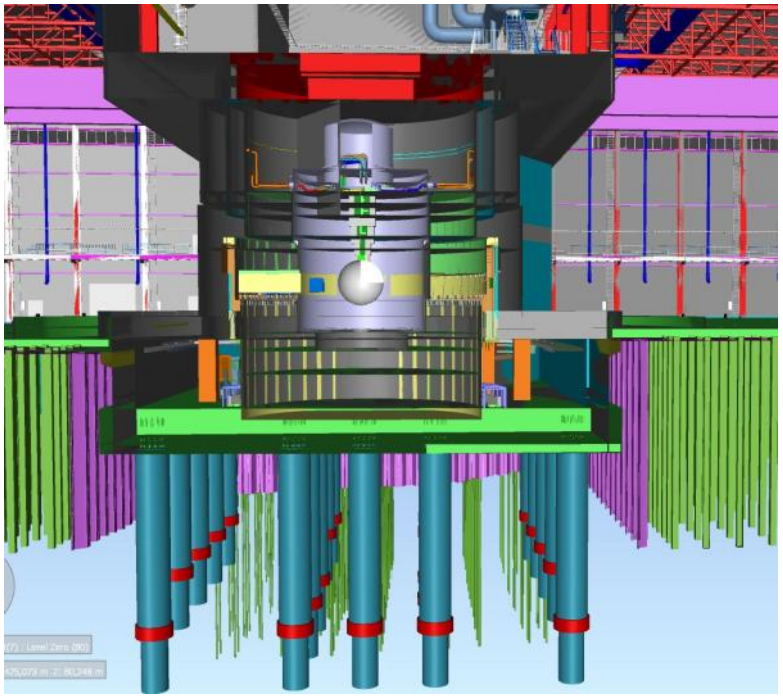


1. Local crane
2. Lifting cage (equipment)
3. Sample area preparation
4. Pathways
5. Personnel access

Required information about recommendations for:

- Mounting and Location for local cranes
- Grounding practical details
- Instrument height limitations
- Anchoring system

Foundation Considerations



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