

SPS Secondary beam areas access gallery upgrade study

The renovation of the access system during this shutdown would ensure reliable operation for many years to come.

The outcome of last EATM meeting recommended to control also the access of galleries under North Secondary beam areas.

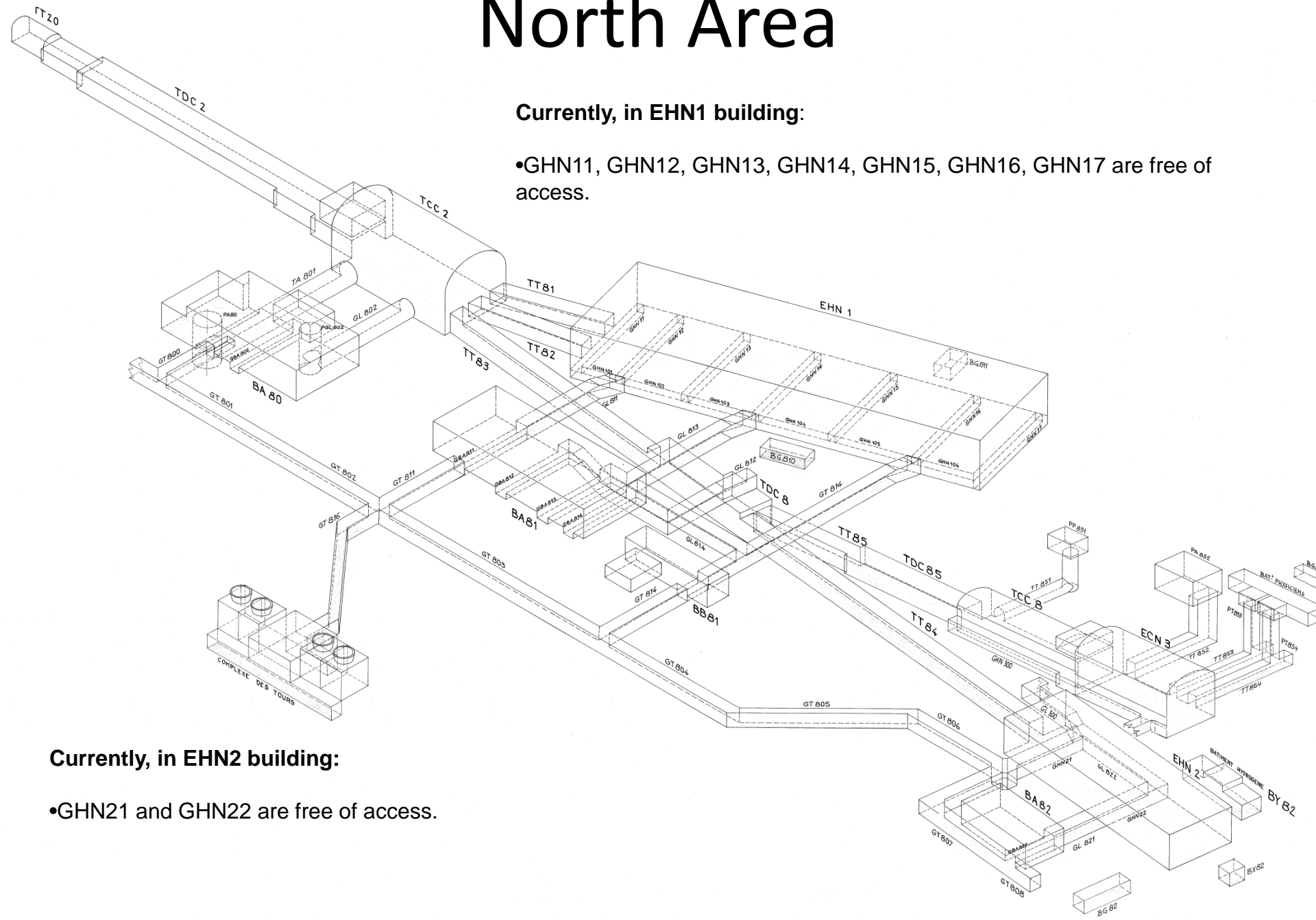
North Area

Currently, in EHN1 building:

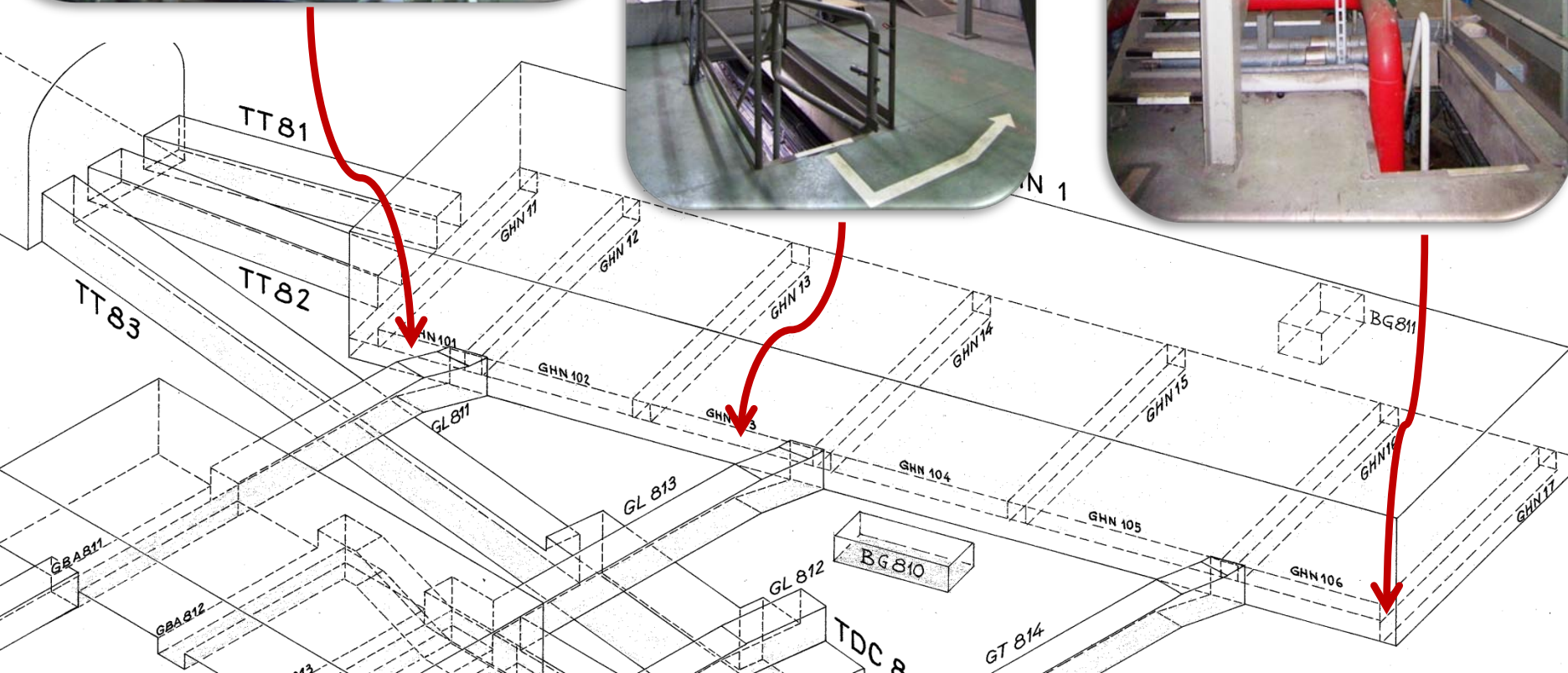
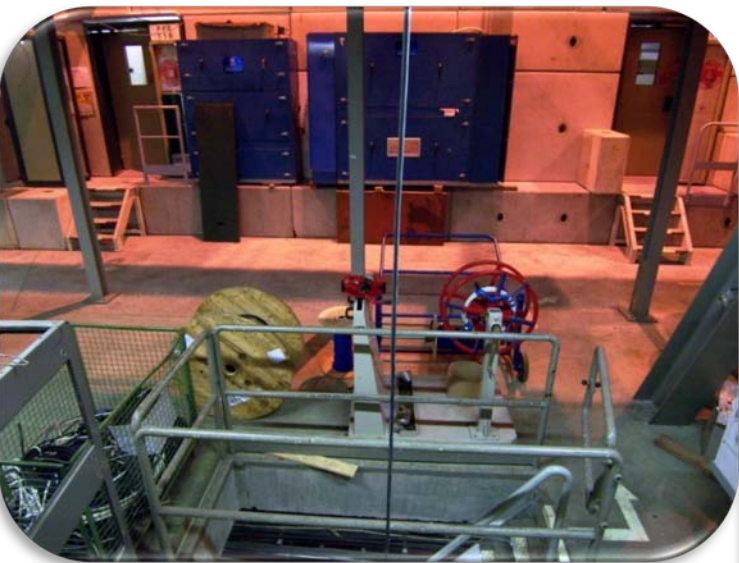
- GHN11, GHN12, GHN13, GHN14, GHN15, GHN16, GHN17 are free of access.

Currently, in EHN2 building:

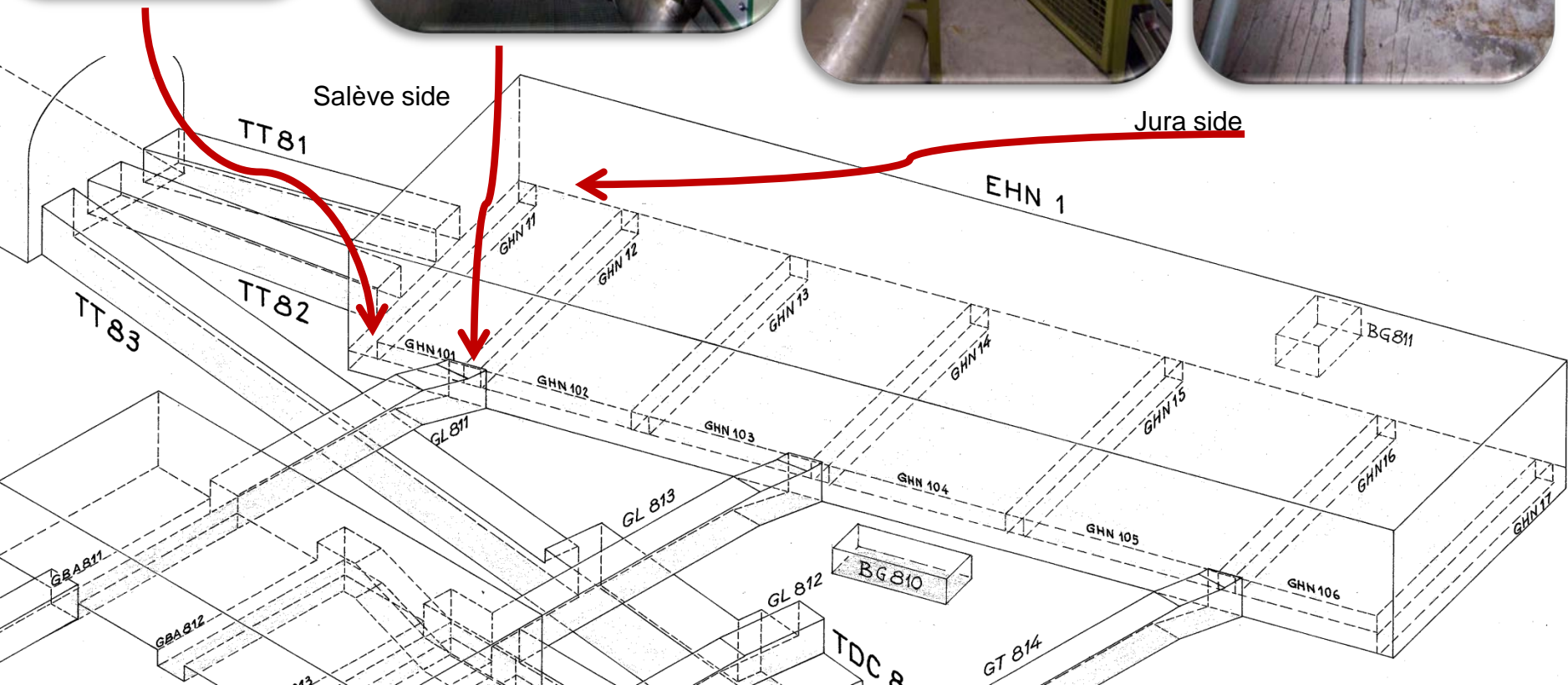
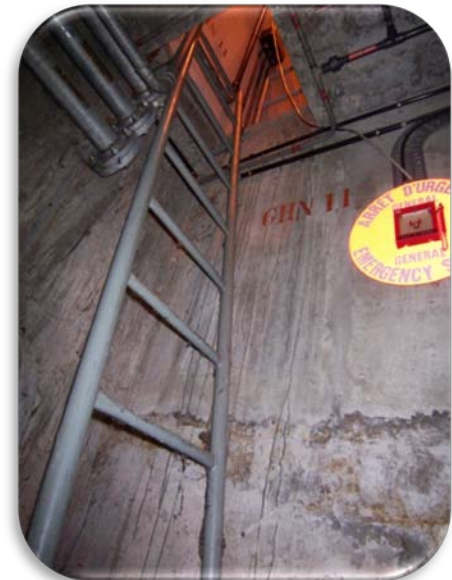
- GHN21 and GHN22 are free of access.



In EHN1 building: 3 Entrance to galleries



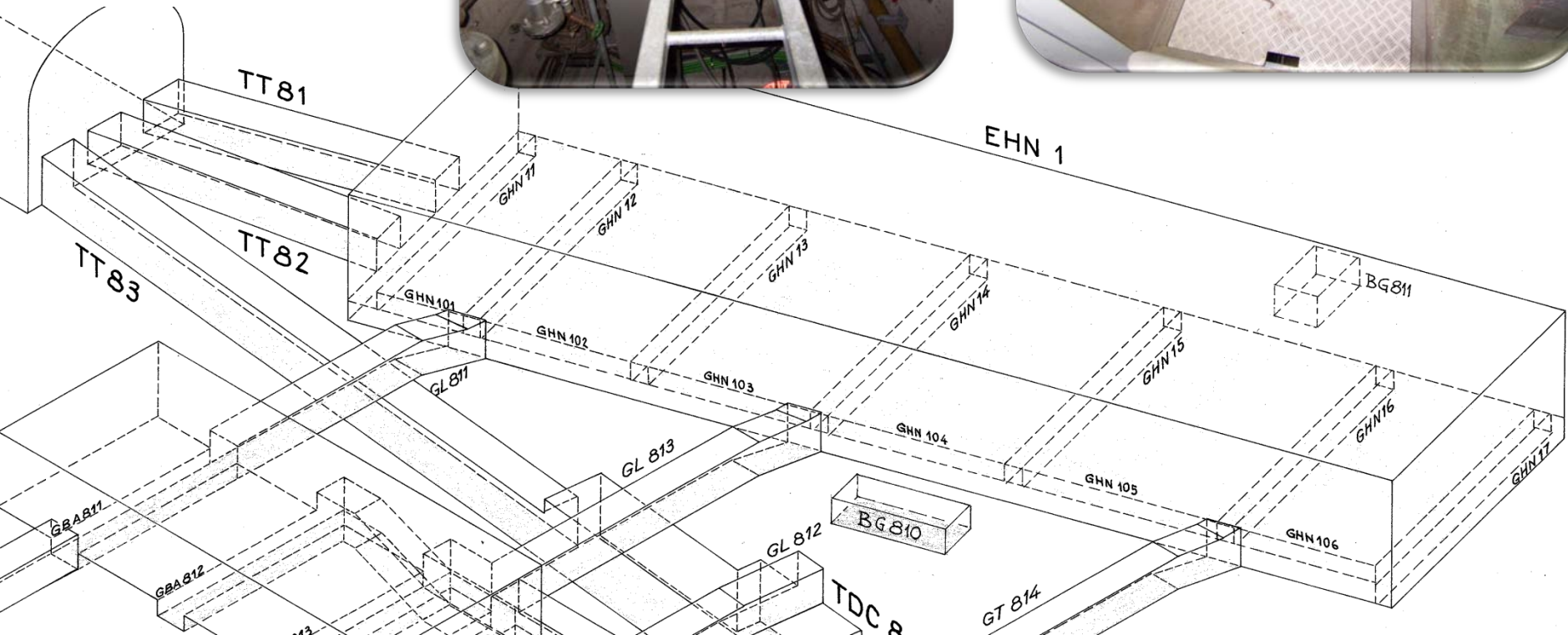
In EHN1 building – GHN11, GHN12 - 2 entrance doors and 2 exit doors already exist.





In EHN1 building – Jura side

GHN13, GHN14, GHN15, GHN16, GHN17 – end of galleries

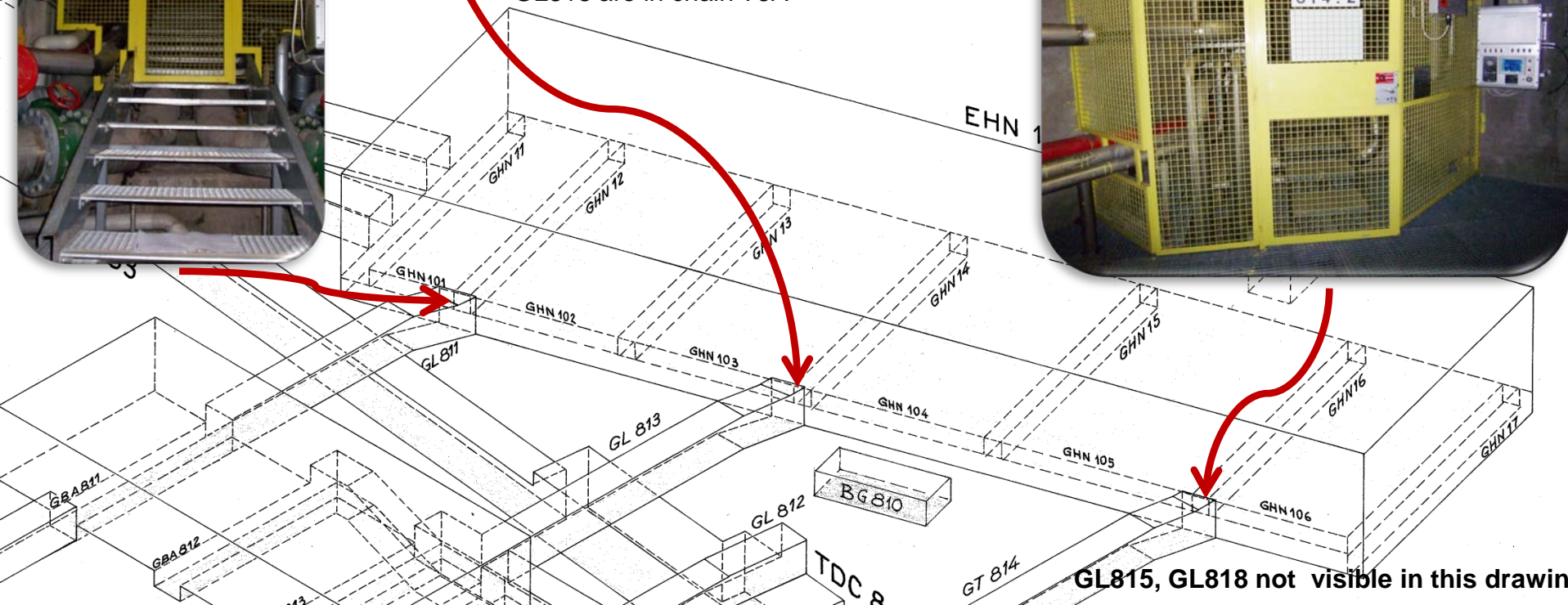




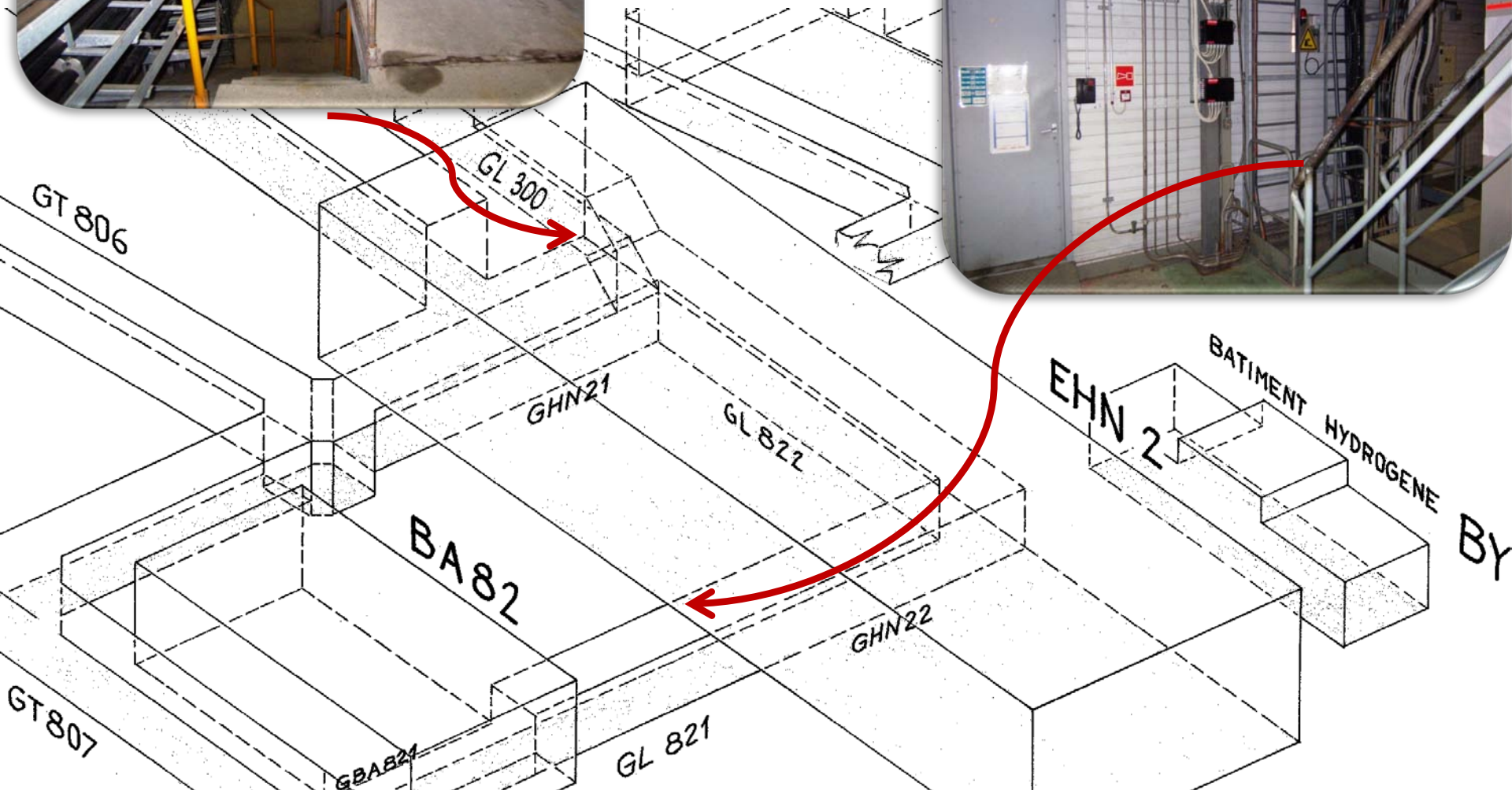
In EHN1 building – Salève side –

Are interlocked :

- GL811, GL813, GL814, GL815, GL818 are in chain M2A, P0A, 13
- GL818 are in chain T6A



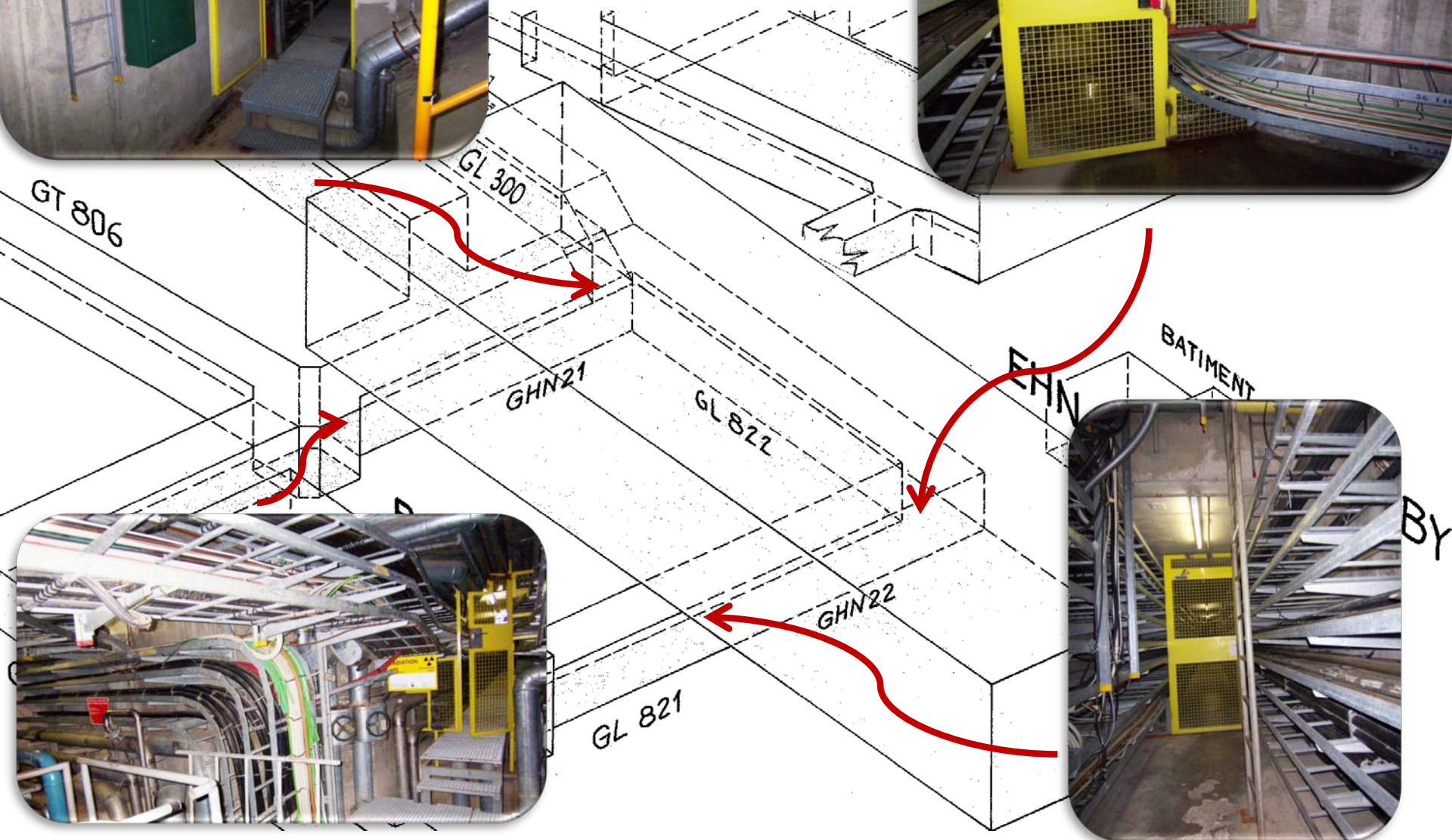
In EHN2 building: 2 Entrance to galleries

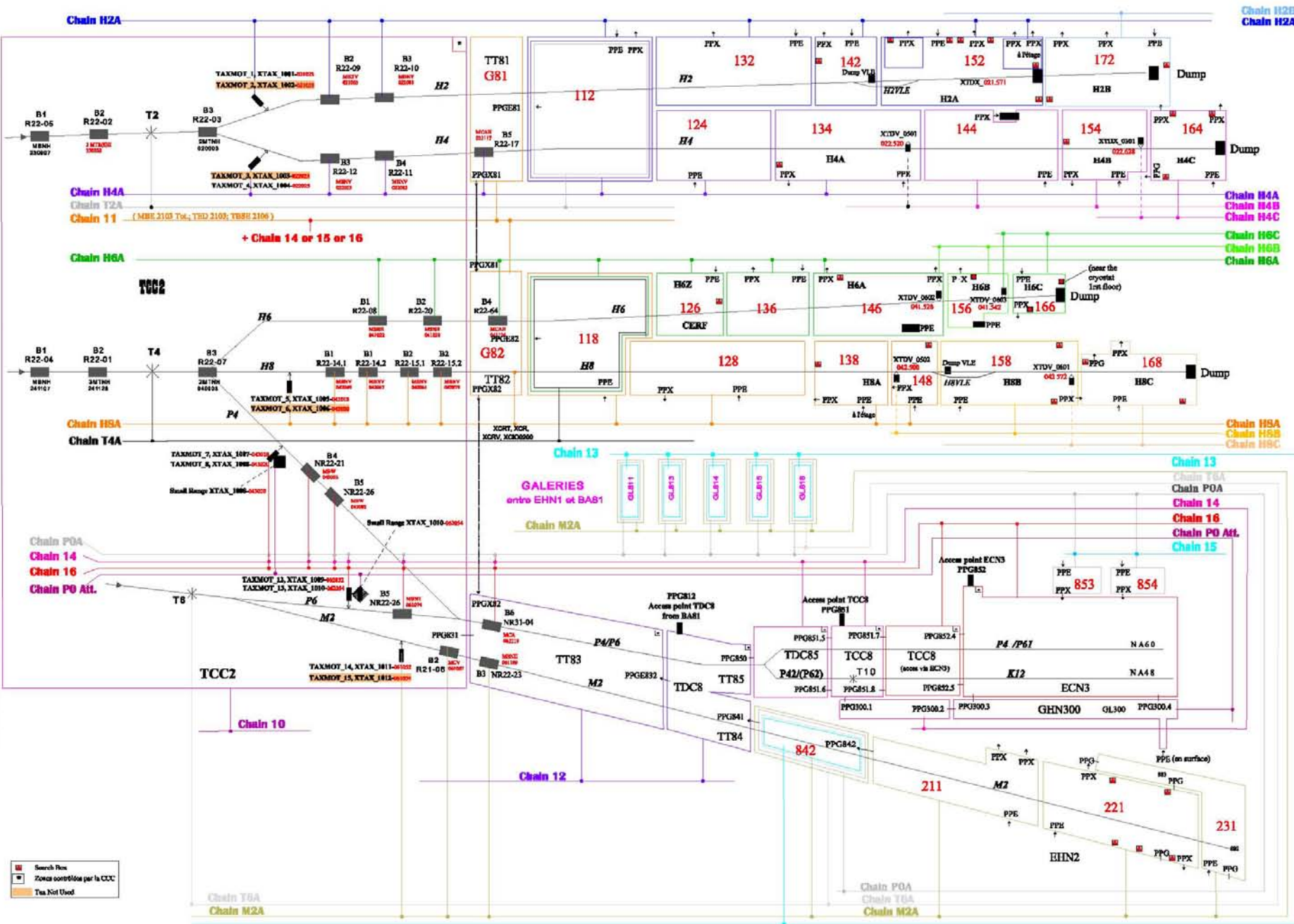




Currently, in EHN2 building:

GHN21 and GHN22: 2 entrance doors and 2 exit doors already exist.

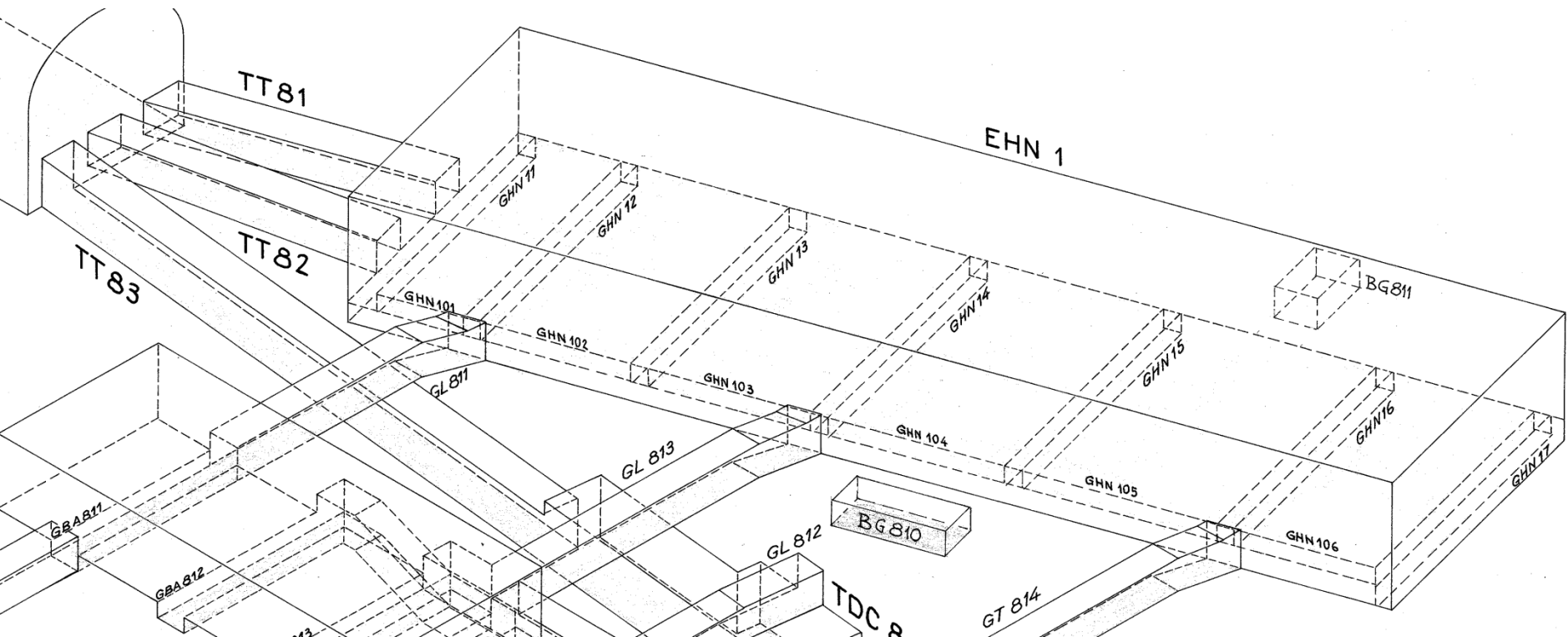




Search Box
Zones contrôlées par la CUC
Tua Not Used

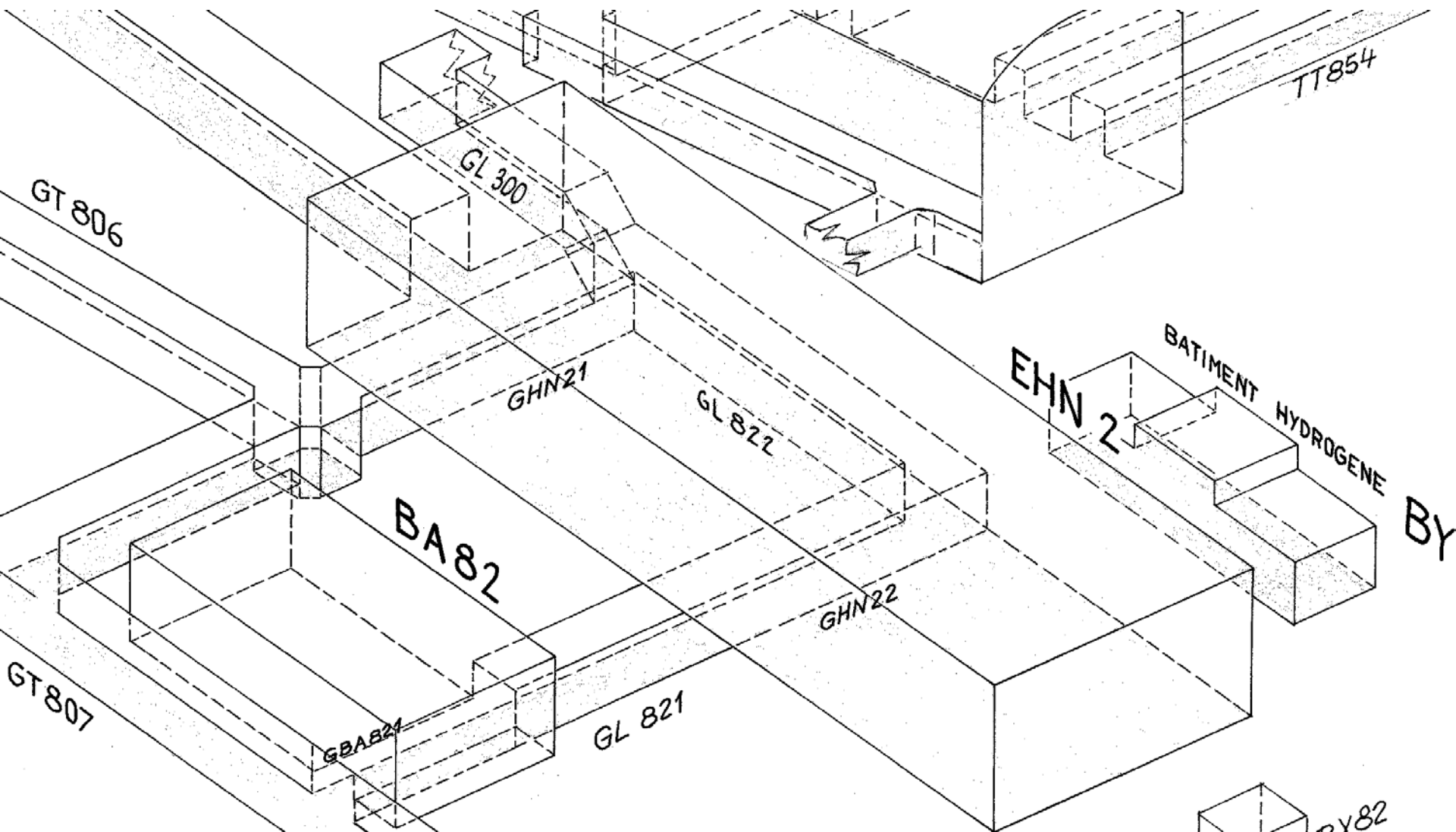
Proposal solutions, in EHN1 building, 3 entrances & 7 exit doors:

1. 1 door PPE + 2 doors PPX + 7 exit doors EIS access are needed to control the entire gallery entrances at the ground floor level. – to be integrated in chain 11. ZORA system
2. 3 entrances & 7 exit doors : 10 doors to be integrated in alarm system SUSI - Alarm send to CCC.



Proposal solutions, in EHN2 building, :

1. 1 door PPE + 2 doors PPX : EIS access are needed to control the entire gallery entrances at the ground floor level. – to be integrated in chain 13. ZORA system
2. 4 doors to be integrated in alarm system SUSI - Alarm send to CCC.



to control the access of galleries under
North Secondary beam areas.

- ZORA system - Zones Radiation

or

- Susi system - Access Control for Sites and Buildings & Video surveillance

<http://gs-dep.web.cern.ch/gs-dep/groups/ASE/>