



A new building for PH-DT

DT Group Meeting

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Part of CERN Master Plan Development
Highest PH priority
Not (yet) funded

- We need a major rationalisation:
 - Regroup all PH Detector-Technologies activities
 - Free > 3000 m² in a number of other buildings, some of which would become available for other sectors
 - Demolish old bdgs for another ~1300 m², expensive to maintain
 - (see consolidation plan)

- Replace existing B102 and B25 with new building

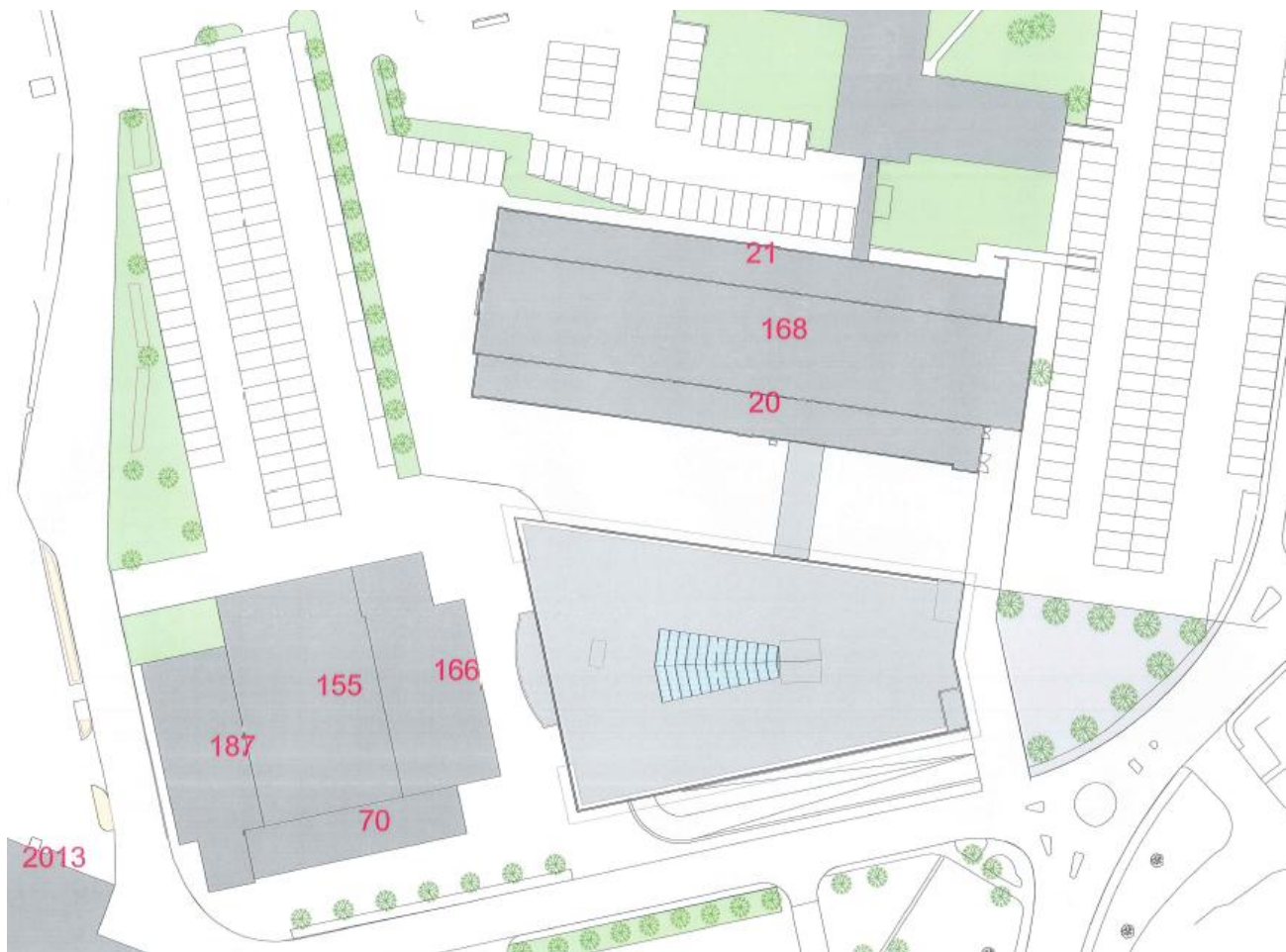


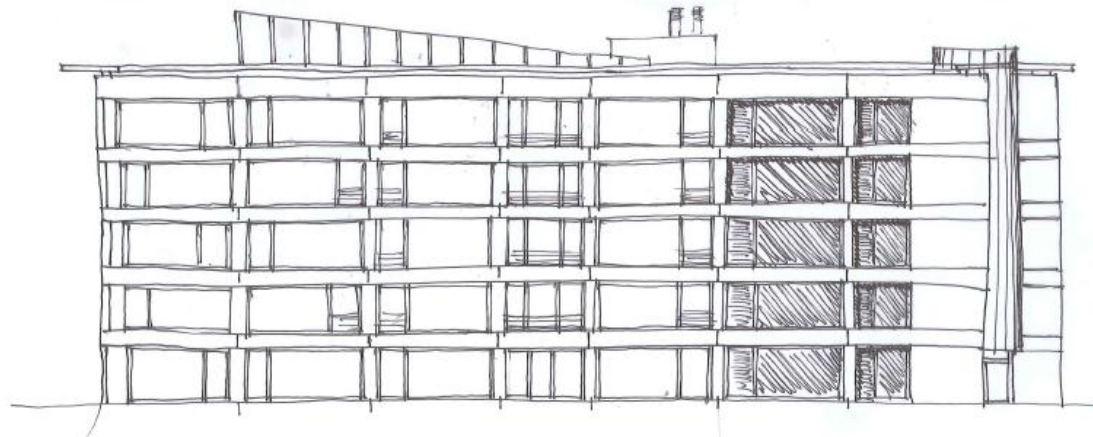
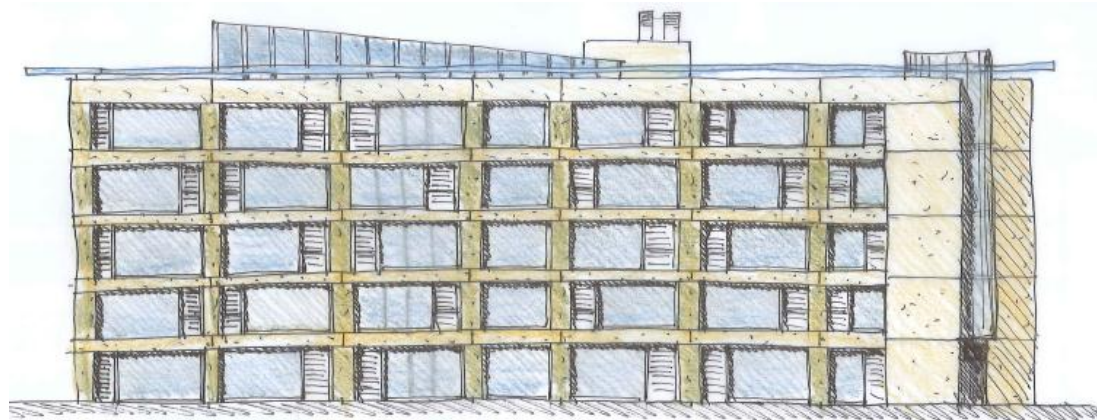


Construction

- No need for intermediate relocations during construction (big problem otherwise)
 - B102 will move in new B107 (~end 2013)
 - B25 can be relocated in other PH space during B140 works

Phase I – Building 140 (12723 m²)





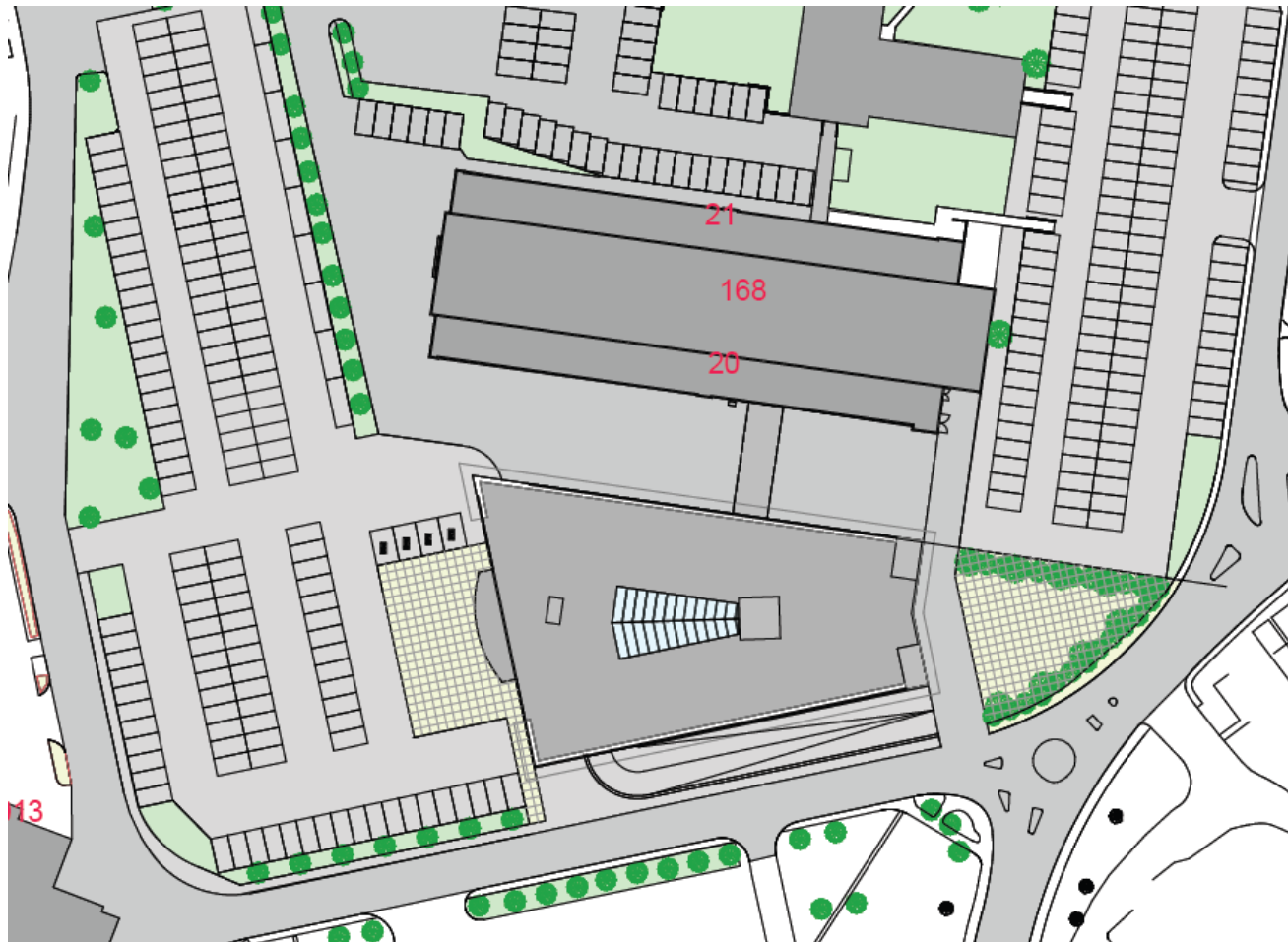


B140 - Advantages

- Free 3140 m² in
 - B3, B14, B15, B16, B17, B28, B108, B153, B157, B162, B169, B173, B188, B256, B304, B892
 - easier refurbishment when bdgs empty (29 consolidation points)
- Only partially needed by PH
 - 2 floors for offices
 - Underground workshops
- More
 - Underground parking - 57 places
 - Additional Burotel space (swing space?) - 2 floors

- **Demolish B70, B155, B166, B187**
 - Move offices and workshops to B140
 - Add extra parking space
 - Better safety at Wu/Bakker/Salam junction
- **Important maintenance savings**
 - 41 consolidation entries for these buildings alone

Further demolition



Phase II (optional) - B146

(10146 m²)





Buildings 140-146 (22869 m²)

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