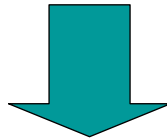


Smaller 2km hall ?

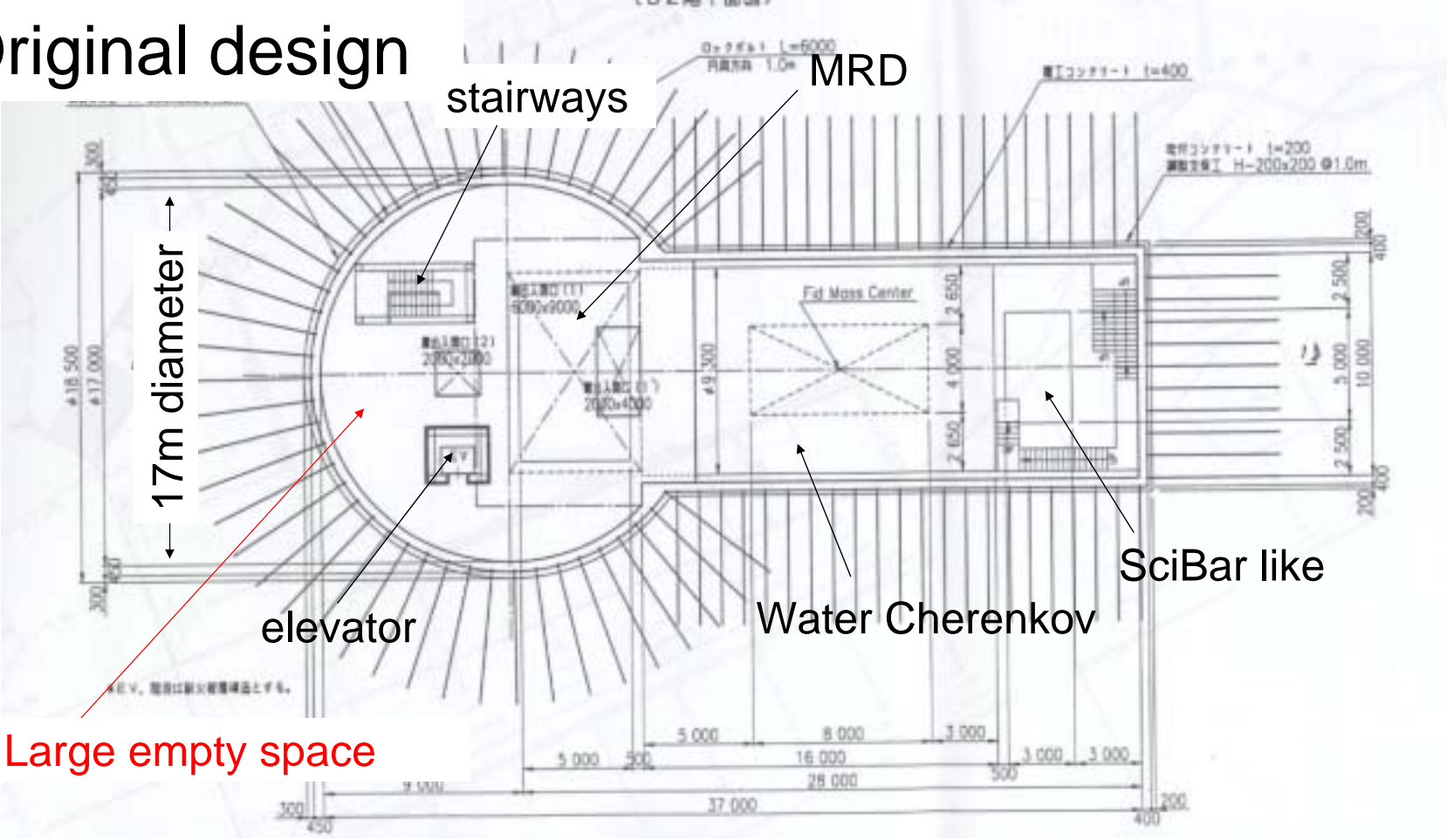
Nov.11, 2003, 2km meeting, TK

- We are requested to think about a cheaper experimental hall.
- On the other hand, we do not want to down-grade the detector design without any serious studies.

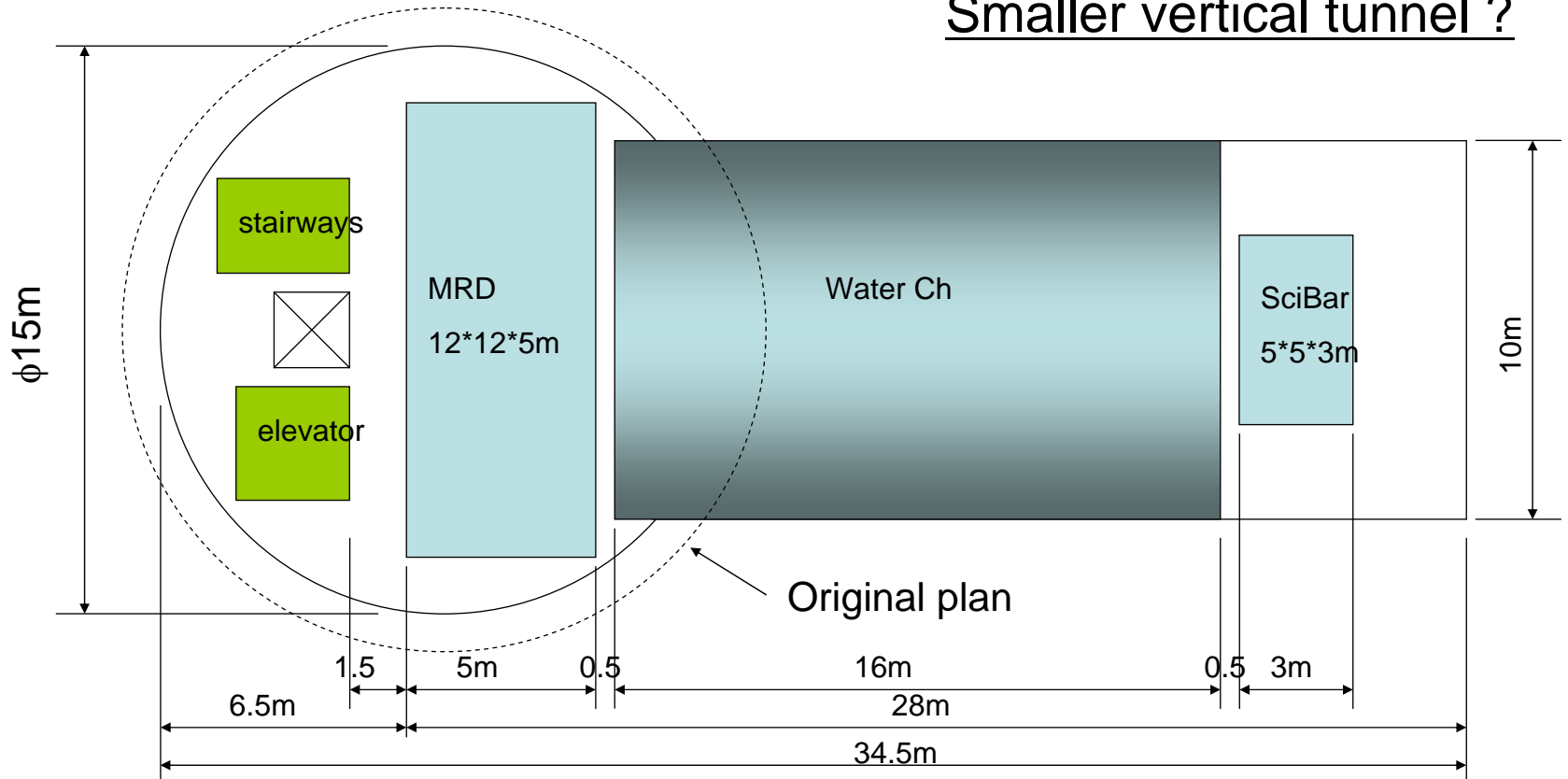


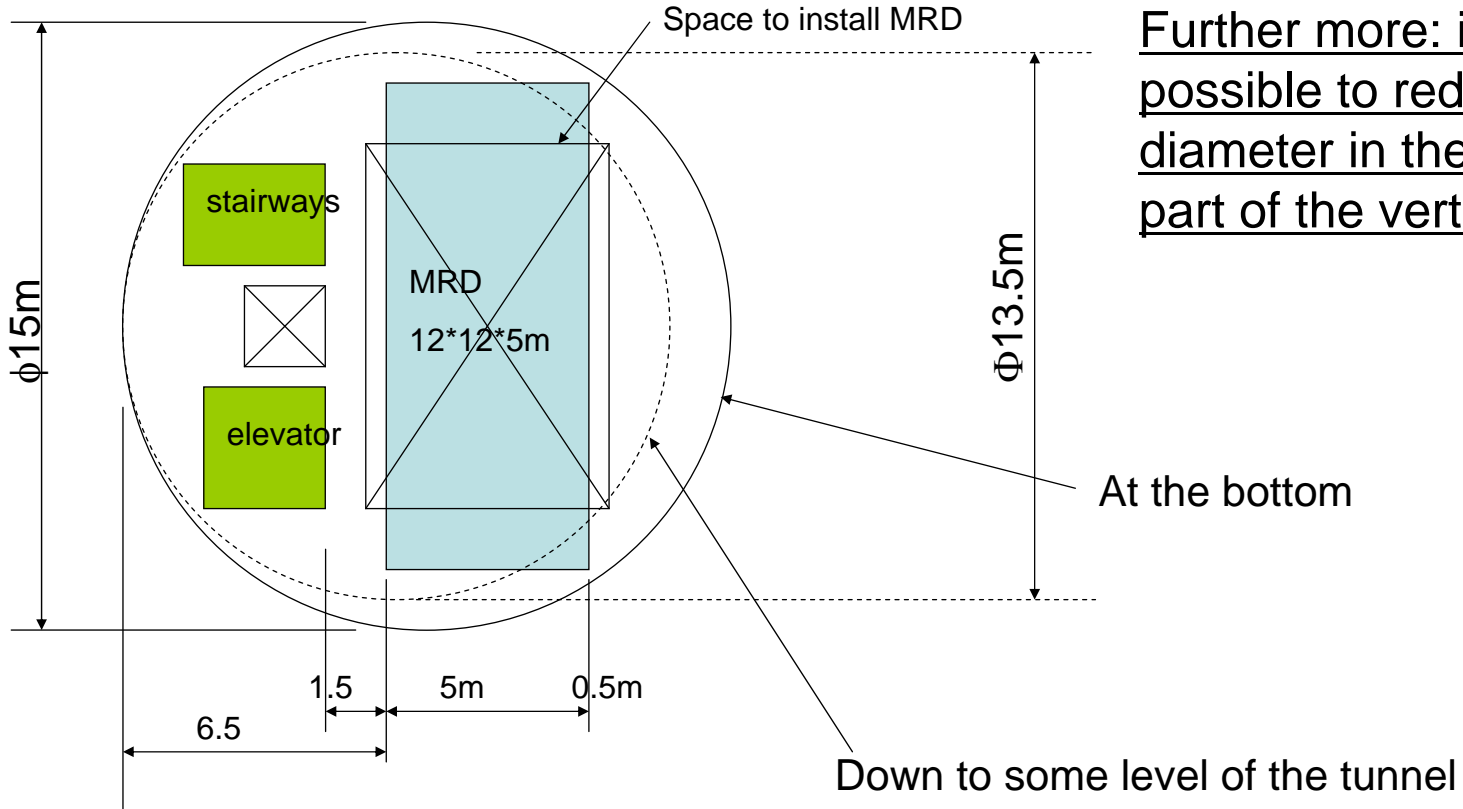
- Consider a smaller diameter vertical tunnel.

Original design

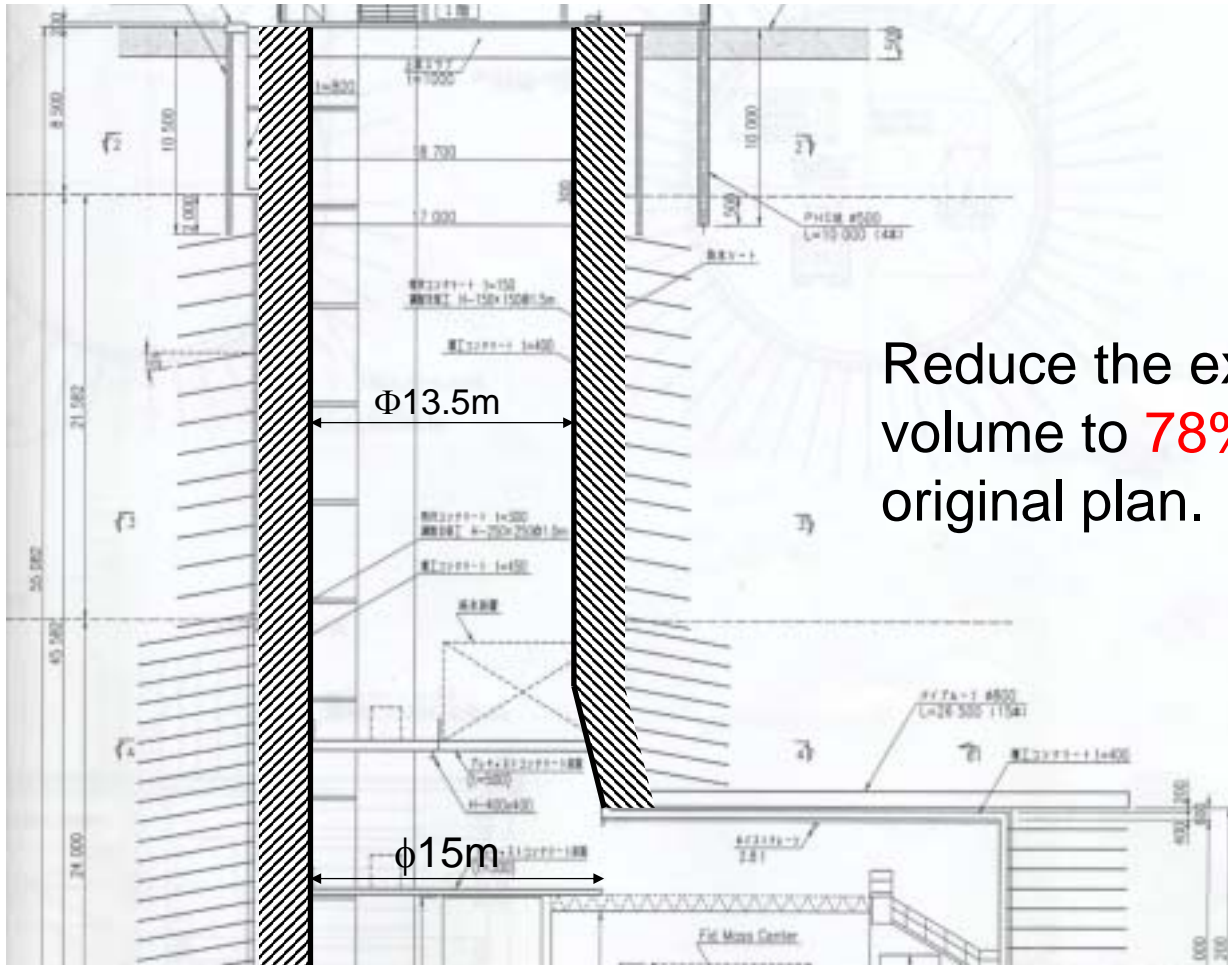


Smaller vertical tunnel ?

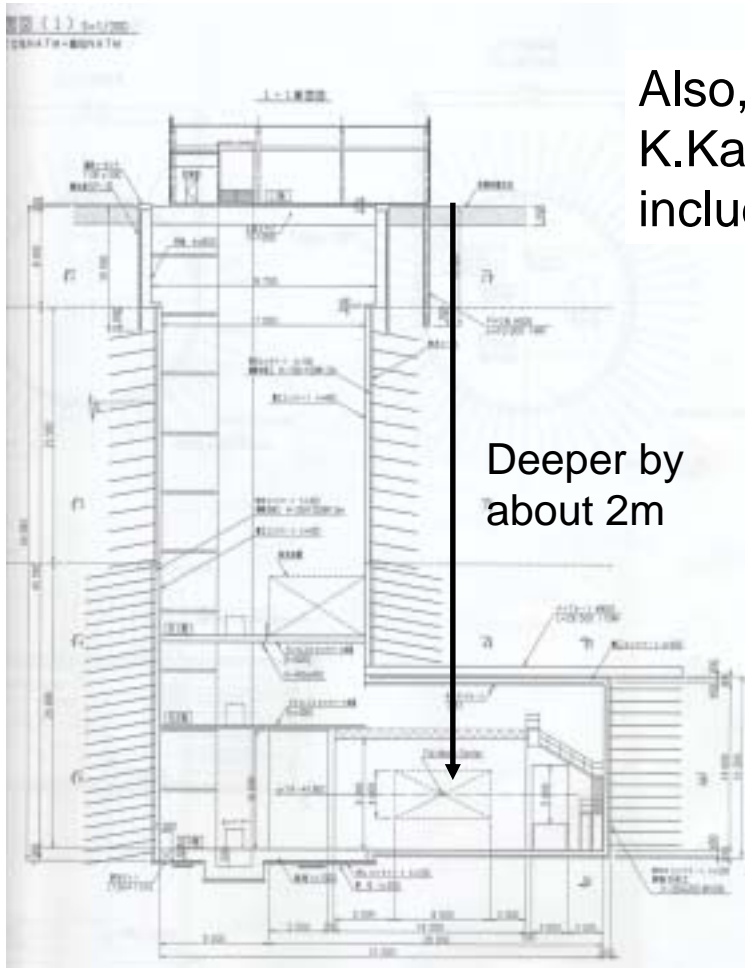




Further more: it seems possible to reduce the diameter in the upper part of the vertical tunnel

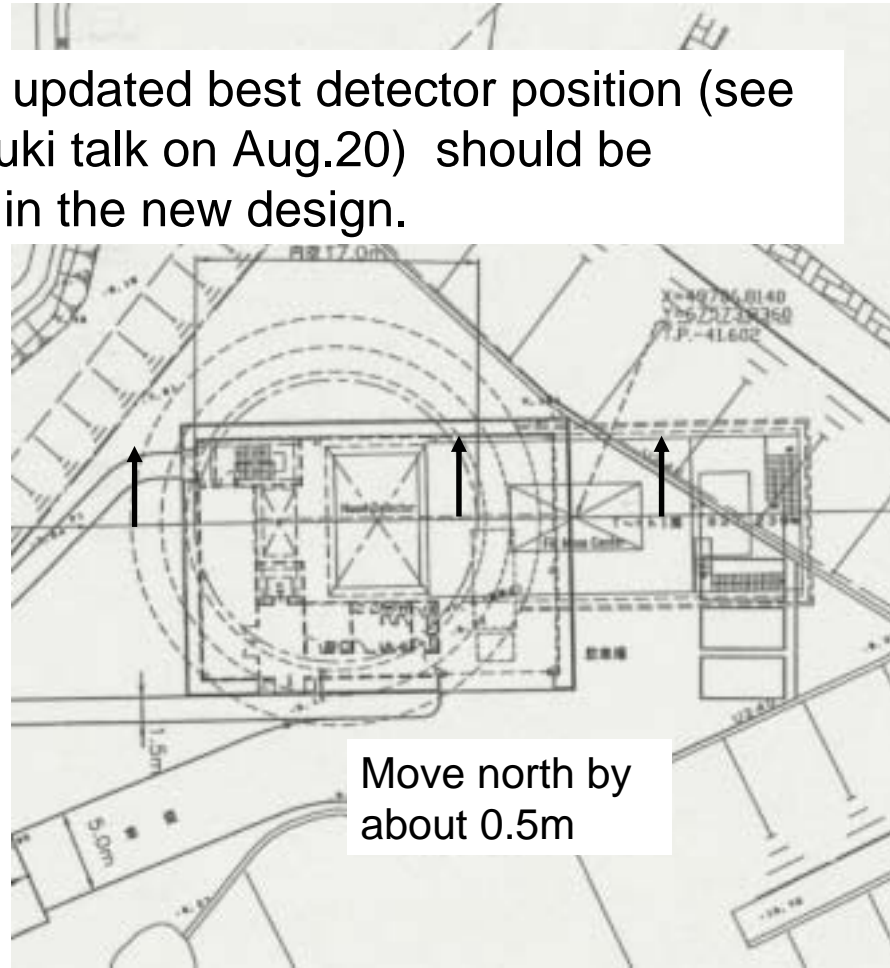


Reduce the excavation volume to **78%** of the original plan.



Deeper by about 2m

Also, the updated best detector position (see K.Kaneyuki talk on Aug.20) should be included in the new design.



Move north by about 0.5m

- We have contacted the facility designing company again. They will re-design the experimental hall with smaller vertical tunnel.