

08 february 2006



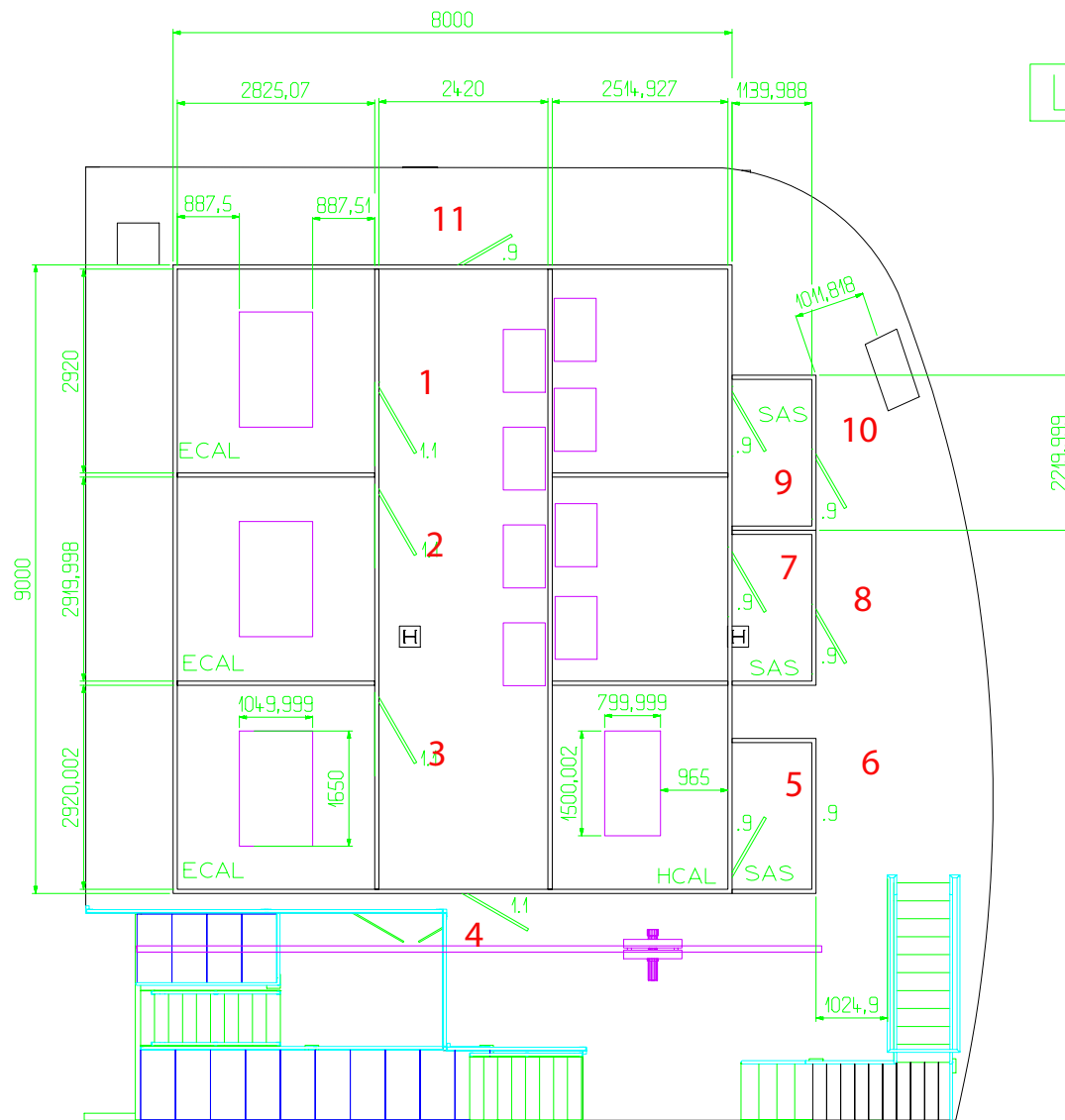
Safety requirements for the CMS laser barrack

Laser accidents continue to occur. The purpose of this report is to suggest solutions to reduce the laser accidents and to list safety requirements for the CMS laser barrack.

During a meeting which occurred on the 8th February 2006, the choosing safety requirements were the following:

- Walls and ceiling to be built with sandwich panel (aluminium / rockwool).
- Matt black painting walls, ceiling and floor.
- Floor with anti-dust painting.
- Interlock system on door number 1, 2, 3, 5, 7, 9 (see attached sketch).
- Access card reader plus automatically door closing on door number 4, 6, 8, 10, 11 (see attached sketch).
- Flash light with DANGER LASER signal connected to the power laser supply on door number 4, 8, 11 (see attached sketch).
- Light power of 500 lux or more in the laser's room.

Written by	Checked by	Approved by
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LOCAUX LASER

GMS

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