10.00 Internal Walls & Partitions

10.01 Generally

Building interiors shall be designed to provide maximum flexibility for future modifications or change in use.

Load bearing walls shall be minimised and restricted to areas such as the building core for stairwells, lift shafts and toilets. All other internal walls and partitions shall be non-load bearing and able to be readily removed and altered at minimum cost.

10.02 Masonry Walls

Load bearing walls shall be concrete or concrete masonry as determined by application and economy.

Non load bearing masonry walls shall be restricted to plant rooms, service ducts and the like, or where required to achieve fire ratings or acoustic requirements not achievable by other wall systems.

Any exposed concrete walls shall have a minimum Class 2 'off-form' finish.

All face blockwork shall have half round radius ironed joints.

Adequate control and expansion joints shall be provided to prevent cracking due to building structure settlement. If the concrete is untreated, then colour control of the concrete shall apply as previously outlined in **Section 8.00 Clause 8.03**.

10.03 Framed Partitions & Linings

Internal partitions shall be constructed using not less than 76 x 0.55mm BMT steel stud and track framing components. Size and thickness of framing components will be dictated by height and load imposed by wall mounted fittings and equipment.

All framing shall generally extend to underside of slab over, and adequate nogging shall be provided for the installation of wall mounted fittings and equipment. Deflection head tracks shall be used to accommodate slab deflection.

Framed partitions shall be sheeted with recessed edge plasterboard with flush set joints. The thickness and number of layers of plasterboard sheeting shall be to suit the application or to satisfy acoustic and fire separation requirements, but sheets shall not be less than 13mm thick. For spaces where the SDF nominates a significant number of fittings or equipment items mounted on or supported by the partition, consideration should be given to substituting individual

Glass to view panels in walls between Chemistry/Biochemistry laboratories and corridors, foyers and other public spaces shall have '3M Ultra 400 Series' security film applied to the full face of the glass panes before installation in accordance with the manufacturers printed instructions. Glass shall be installed in the perimeter frame with silicon sealant in lieu of removable PVC