



Museum Victoria. Science Works Museum. High Voltage Theatre.

Completion Date: December 2003

Consultants: Sinclair Knight Merz.

John Lyon.

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Building practitioner: John Kendall

Project Brief.

Construction of High Voltage theatre including Theatre stage area to be protected by a mesh cage, tiered theatre seating, office, store and High Voltage display control room.

The High voltage laboratory area is surrounded by a steel cage separating the stage area from the spectators to form part of the electrical earthing insulation system.

The building was electro-magnetic radiation secured to protect against any discharge. Specialized construction methods were used during the building works. For example, a specialized earth grid was sunk 3 meters into the ground under the building footprint, and construction of the walls and roof included a fully galvanized wire mesh to ensure no escape of electro-magnetic radiation.